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REPORT ON

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
18 MCARTHUR AVENUE
CITY OF OTTAWA, ONTARIO**

Submitted to:

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100 Argyle Avenue, Suite 300
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DATE: September 8, 2014

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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
2.0 INTRODUCTION	2
2.1 PROPERTY INFORMATION	2
2.2 OBJECTIVES	2
3.0 SCOPE OF WORK	3
4.0 RECORDS REVIEW	3
4.1 GENERAL	3
4.1.1 PHASE ONE STUDY AREA DETERMINATION	3
4.1.2 FIRST DEVELOPED USE DETERMINATION	4
4.1.3 FIRE INSURANCE PLANS	4
4.1.4 CHAIN OF TITLE	4
4.1.5 ENVIRONMENTAL REPORTS	5
4.1.6 PROPERTY USE RECORDS	5
4.2 ENVIRONMENTAL SOURCE INFORMATION	5
4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES	6
4.2.2 ENVIRONMENTAL DATABASES	6
4.3 PHYSICAL SETTING SOURCES	7
4.3.1 AERIAL PHOTOGRAPHS	7
4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY	8
4.3.3 FILL MATERIALS	9
4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE	9
4.3.5 WELL RECORDS	10
5.0 INTERVIEWS	10
6.0 SITE RECONNAISSANCE	10
6.1 GENERAL REQUIREMENTS	10
6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY	11
6.2.1 SITE DESCRIPTION	11
6.2.2 SITE INFRASTRUCTURE	11
6.2.3 BUILDING DESCRIPTIONS	12
6.2.4 POTENTIALLY CONTAMINATING ACTIVITY	12
6.2.5 MATERIALS HANDLING AND STORAGE	13
6.2.6 DESIGNATED AND REGULATED SUBSTANCES	13
6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS	15
6.2.8 ADJACENT PROPERTIES	15
6.3 WRITTEN DESCRIPTION OF INVESTIGATION	15



TABLE OF CONTENTS (continued)

7.0 REVIEW AND EVALUATION OF INFORMATION.....	16
7.1 CURRENT AND PAST USES.....	16
7.2 POTENTIALLY CONTAMINATING ACTIVITY.....	16
7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN.....	16
7.4 PHASE ONE CONCEPTUAL SITE MODEL.....	17
8.0 CONCLUSION.....	18
8.1 PHASE II ESA REQUIREMENT FOR RSC FILING.....	18
8.2 RSC FILING BASED ON PHASE I ESA.....	19
8.3 SIGNATURES.....	19
9.0 REFERENCES.....	21
10.0 QUALIFICATIONS OF THE ASSESSORS.....	22

LIST OF FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – PHASE I CONCEPTUAL MODEL PLAN

LIST OF ATTACHMENTS

ATTACHMENT A – TITLE SEARCH DOCUMENTATION

ATTACHMENT B – TOPOGRAPHIC MAP

ATTACHMENT C – AIR PHOTOGRAPHS

ATTACHMENT D – ONTARIO MINISTRY OF THE ENVIRONMENT CORRESPONDENCE

ATTACHMENT E – CITY OF OTTAWA CORRESPONDENCE

ATTACHMENT F – ECOLOG ERIS SEARCH RESULTS

ATTACHMENT G – SITE PHOTOGRAPHS



1.0 EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment was carried out by Kollaard Associates Inc. for Takyan Consulting and Development Inc. of Ottawa, Ontario. The subject site for this assessment consists of a vacant property at civic address 18 McArthur Avenue, which occupies an area of about 407 square metres (0.10 acres), located west of Vanier Parkway, between Marguerite Avenue and North River Road, in the City of Ottawa, Ontario (See Key Plan, Figure 1).

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

The Phase I ESA was based on a site reconnaissance visit carried out on August 28, 2014, together with a review of available geological, topographical and historical information for the site.

The results of this Phase I ESA indicate that the most significant environmentally related issues identified at the site are the potential for subsurface contamination related to the presence of imported fill materials of unknown origin within the parking lot at the site. Another potential source of contamination is any building debris from the former building at the site, which may contain deleterious materials, such as lead and asbestos, which could have been buried at the site, following building demolition, which occurred sometime between 1982 and 1991.

A limited scope Phase II ESA is required in order to address areas of potential environmental concern at the subject site and in order to file a RSC, should it be required for this site.



2.0 INTRODUCTION

2.1 PROPERTY INFORMATION

Kollaard Associates Inc. was retained by Takyan Consulting and Development Inc., to carry out a Phase I Environmental Site Assessment for a currently vacant property, located at civic address 18 McArthur Avenue. The site has an area of approximately 407 square metres (0.10 acres) and is located west of Vanier Parkway, between Marguerite Avenue and North River Road, in the Rideau-Vanier Ward of the City of Ottawa, Ontario (See Key Plan, Figure 1) (PIN 04249-0041).

The site is bordered on the north by McArthur Avenue, followed by commercial development (government offices), on the west and south by residential development and on the east by commercial development (dental centre). The site is vacant and is in use as a rental parking lot. Based on a review of air photographs, it is considered that the site was formerly occupied by a single family dwelling which was demolished prior to current ownership. The site location is as shown on Figure 1.

2.2 OBJECTIVES

The primary objective of this Phase I ESA is to document the site conditions on the day of a walk-through site reconnaissance and, if possible, to identify former and current operations or practices that may present potential environmental risks. The study is based on current and historical information and observations of site conditions during a site reconnaissance visit conducted on August 28, 2014. The general objectives of the Phase I Environmental Site assessment, as outlined in Ontario Regulation 153/04, include the following:

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



3.0 SCOPE OF WORK

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

This level of work is a method of risk reduction, not risk elimination. No building materials, liquid, gas, or chemical product sampling and/or testing on or in the vicinity of the subject site were carried out as part of this assessment. This assessment included only a cursory overview of the present neighbouring land uses and does not constitute a complete assessment of the adjacent facilities.

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

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

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

As part of the preliminary review of historical documents for the site, aerial photographs of the site and surrounding area were reviewed, as well as documentation from the City of Ottawa on landfills and industrial sites (Sections 4.2.1 and 4.3.1). It is considered unlikely



that any contaminant sources beyond 250 metres are likely to have impacted the subject site.

Consequently, Kollaard Associates Inc. considers that a 250 metre study area is sufficient to identify areas of historical and current potential concern on or near the subject site.

4.1.2 FIRST DEVELOPED USE DETERMINATION

The first developed use of the property was determined based on a review of aerial photographs of the site (Sections 4.3.1).

Aerial photographs indicate that a building was constructed at the site sometime prior to 1944, the earliest available air photograph that was reviewed.

4.1.3 FIRE INSURANCE PLANS

A review of information provided by Ecolog ERIS – HEIRS I – Historical Environmental Information Reporting System (see Attachment F) was carried out as part of this Phase I ESA. A 1912 and 1956 fire insurance plans (FIP) were provided for the site area. The 1912 FIP indicates no information for the site and most of the surrounding area. The 1956 FIP indicates the site has a building within the northeast portion (likely a single family dwelling) and a small building in the southeast portion (likely a parking garage). There are no large scale industrial properties in close proximity to the subject site and there are no underground fuel storage tanks within the Phase I ESA Study Area. There is a manufacturing facility located about 150 metres southeast of the site (H. Haley & Sons Concrete Pipe factory).

4.1.4 CHAIN OF TITLE

The legal description for the property, based on a chain of title provided by Wentzell Titles Ltd., is Lot 64, Plan 239, save and except Part 14 on Plan Ct 193, 429, formerly City of Vanier, City of Ottawa, Ontario, PIN 04249-0041.



A chain of title for this site was provided by Wentzell Titles Ltd. Based on a review of the title search information, the property is indicated to have been owned by individuals. The current owners are listed as Carmela and Adriano Catizzone (Attachment A).

4.1.5 ENVIRONMENTAL REPORTS

No environmental related reports are expected to exist for this site.

4.1.6 PROPERTY USE RECORDS

The City of Ottawa Website was reviewed for the zoning designation of the subject site. The website indicates that the site is currently zoned TM – Traditional Mainstreet Zone according to the City of Ottawa Zoning By-Law 2008-250. This type of zoning permits residential uses and limited commercial and institutional uses.

City of Ottawa

The City of Ottawa was contacted to conduct a search of all environmental databases, including Historical Land Use Inventory (HLUI) and any information pertaining to the environmental condition of the property and adjoining areas including, but not limited to, past environmental reports, orders, violations of environmental statutes, regulations or by-laws, certificates, approvals, permits and any other environmental information. At the time of this report, a response from the City of Ottawa had been received.

4.2 ENVIRONMENTAL SOURCE INFORMATION

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

Municipal and Provincial Government Sources

- Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd.
- Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd.
- Ministry of Environment (MOE), Ottawa, Ontario



Environmental Databases

- Ecolog ERIS – Environmental Risk Information Services Standard Report

4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES

A review of a report entitled Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd. indicates no former landfills exists within 500 metres of the site. No active landfills exist within 500 metres of the site.

A review of a report entitled Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd. was carried out with respect to the subject site and surrounding properties. No industrial sites were located within 500 metres of the subject site.

Ministry of the Environment

The MOE office in Ottawa, Ontario, was contacted to determine if the Ministry has maintained a file with respect to the subject property. Specifically, the MOE was asked to respond (in writing) with information concerning any historical or existing incidents at or in the vicinity of the subject site. At the time of the preparation of this report, a response from the MOE had not yet been received (Attachment D).

4.2.2 ENVIRONMENTAL DATABASES

ECOLOG ERIS – Environmental Risk Information Services Standard Report

A review of information provided by Ecolog ERIS – Environmental Risk Information Services (see Attachment F) was carried out as part of this Phase I ESA. Based on that review, no significant environmental concerns were identified in the report for the subject site.

Within 250 metres of the subject site, the report identified several properties with information on the database.



An expired fuel service facility, Gilbert Charbonneau Services Ltd. is indicated to have existed at 361 River Road (now 369 North River Road, a residential apartment building), some 51 metres west of the subject site.

In Scott's Manufacturing Directory, 30 McArthur Avenue (now occupied by a fitness training studio), is listed as General Fire Protection Equipment, a wholesale distributor of wiring, etc. At 38 McArthur Avenue, Oncozyme Pharma Inc. is listed as medical manufacturing. Both of these properties are relatively small and it is unlikely that any significant manufacturing was carried out on-site. Rather these are likely distribution points or offices.

In the Ontario Regulation 347 Waste Generators Summary, waste generators are listed at the large office buildings at 333 North River Road. The types of waste are listed as acid, alkali wastes, heavy metals, pathological wastes. The building is occupied by the Federal Government of Canada. A waste generator is listed at 39 McArthur Avenue, associated with Royal Canadian Geographical Society, from about 1992 to 2004, for photoprocessing wastes. 381 Marguerite Street is listed as a laundry cleaner for the years 1986 to 2001, associated with Unifirst Canada Ltd. and Modern Cleaning Service Ottawa Ltd., with wastes including halogenated solvents.

Other businesses and/or spills are listed in the Environmental Risk Information Services Standard Report, including the ones listed above, may be considered environmentally significant, including waste generators and reported spills. However, they are considered to be too distant and, in the case of spills, too minor, to have caused any significant environmental concerns for the subject site.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

A review of air photographs of the site for the years 1944, 1951, 1965, 1973, 1982, 1991, 2002, 2005, 2008 and 2011 was carried out as part of this Phase I ESA (see Attachment C). The aerial photographs were obtained from the National Air Photo Library and the City of Ottawa website. The following observations were made in the review of the air photographs.



Date	Observations
1944	The property exists within a residential setting. The site appears to be occupied by a building, however, due to the lack of clarity of the air photograph, the actual outline of a building could not be verified.
1951	Areas surrounding the site continue to be urbanized with the addition of more residential dwellings and roadways. Due to the poor clarity of the air photograph, any actual obvious changes at the site could not be verified.
1965	The site is occupied by a residential dwelling and a small shed. Two vehicles are observed beside the dwelling. Other buildings in the area also consist of residential dwellings with the exception of a possible gas station/garage located the southeast corner of the intersection of McArthur Avenue and North River Road. A large field exists to the west of the site. Vacant land exists northwest of the subject site.
1973	No significant changes to the site are evident. A large development (Government) has been constructed northwest of the site.
1982	No significant changes to the site are evident. A parking lot and a recreational area are evident west of the site in the former field. No significant changes to other adjacent properties are evident.
1991	The site now appears to be a parking lot with buildings no longer evident. Several vehicles are parked at the site. Three large buildings are evident immediately opposite of the site. Many vehicles are located in the parking lot of the property at the southeast corner of the intersection of McArthur Avenue and North River Road. The recreational area west of the site consists of a baseball diamond and parking area. No other significant changes to the site and other adjacent properties are evident.
2002	No significant changes to the site and other adjacent properties are evident.
2005	Many vehicles are parked at the subject site. A large building has been constructed at the southeast corner of McArthur Avenue and North River Road, the site of the former gas station/garage. No other significant changes to the site and other adjacent properties are evident.
2008	No significant changes to the site and other adjacent properties are evident.
2011	No significant changes to the site and other adjacent properties are evident.

4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Topography and Hydrology

The Rideau River is located some 200 metres west of the site. Based on a review of the topographical map for the site area, which indicates that the topography slopes downward to the west across the surrounding area, the upper groundwater flow is likely west towards the Rideau River (Attachment B).



Surficial and Bedrock Geology

Based on a review of the surficial geology map for the site area, it is expected that the site is underlain by deposits of clay and silt. Bedrock geology maps indicate that the bedrock underlying the site likely consists of dark grey limestone of the Eastview Formation or possibly black shale of the Billings Formation.

4.3.3 FILL MATERIALS

Based on information provided by the review of historical aerial photographs of the site, a former single family dwelling was demolished sometime between 1982 and 1991 and the site was used as a rental parking lot since sometime prior to 1991 to the present time. The type of heat used for the former building is unknown. However, natural gas or furnace oil are considered likely.

The source of the fill materials used to raise the parking lot at the site is unknown. Additionally, it is unknown whether building debris, from the former single family dwelling at the site, could be buried at the site. It is considered that shallow soils should be investigated to determine whether any building debris or fill materials at the site could contain deleterious materials, such as heavy metals, hydrocarbons or other contaminants.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

The Rideau River is located some 200 metres west of the site. Based on a review of the topographical map for the site area, the upper groundwater flow is likely west towards the Rideau River.

Based on a review of the City of Ottawa website zoning information, there are no areas of natural significance within the Phase I Study Area. The Rideau River and waterfront west of the site are designated as Open Space Zone which permits park type uses. That area is also designated as flood plain.



4.3.5 WELL RECORDS

As part of the Ecolog ERIS Environmental Database search the Well Water Information System (WWIS) database was reviewed (Section 4.2.2). WWIS reports on well records for the years from 1955 to May 2013. The wells are monitoring test holes or observation wells that were constructed in 2013. The locations of the wells are about 160 to 180 metres east to southeast from the subject site.

The stratigraphy of the overburden, as indicated by the well record, consists of fill layers of gravel and sand to a depth of about 3.6 metres where grey silt and gravel were encountered. Bedrock (black shale) was encountered at about 7.9 metres depth. The static water levels were not reported.

5.0 INTERVIEWS

Mr. Tamer Abaza

At the time of the site visit, an interview was carried out with the agent acting on behalf of the current owner (Takyán Consulting and Development Inc.). The following information was provided at that time:

- The site is used as a parking lot.
- There is no information about a former building at the site.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

On August 28, 2014, a walk-through site reconnaissance was conducted at the subject property by Colleen Vermeersch, P. Eng. from about 9:45 a.m. to 10:30 a.m., The weather was sunny with temperature at about 18 °C. The site is located within an area of residential and commercial development. Site photographs are provided (Attachment G).

For the purposes of this assessment, project north lies in a direction perpendicular to McArthur Avenue at the site.



Observations of adjacent properties were limited to views from the subject property and from publicly accessible areas.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 SITE DESCRIPTION

The subject site for this assessment consists of a vacant property, located at civic address 18 McArthur Avenue. The site has an area of approximately 407 square metres (0.10 acres), and is located west of Vanier Parkway, located west of Vanier Parkway, between Marguerite Avenue and North River Road, in the City of Ottawa, Ontario (See Key Plan, Figure 1). The site is currently used as a rental parking lot. A former single family dwelling was demolished between 1982 and 1991 and the site has been in use for parking since that time. A fence marks the south and west property lines of the site. The site was observed to consist of asphaltic concrete surfaced, is relatively flat lying, with ground surface at the site sloping to the north towards the street.

The attached Key Plan, Figure 1 and air photographs show the relative location of the subject site with respect to the surrounding land and the existing roadway network. Adjacent land uses consist of residential and commercial development. Some of the older residential buildings in the area have been either torn down or extensively renovated and are currently in commercial use.

6.2.2 SITE INFRASTRUCTURE

Electricity

The site is currently unserviced. The former dwelling at the site was likely serviced by Hydro.

Heating and Cooling

There is no building at the site. The type of heat used for the former building is unknown. However, natural gas or furnace oil are considered likely.



Water Supply

The site is not serviced. The area is serviced by municipal water supply.

Wastewater and Sewage Disposal

The site is not serviced. However the area is serviced by sanitary and storm sewers.

Sumps, Pits and Floor Drains

There are no buildings at the site. Consequently no sumps, pits or floor drains.

6.2.3 BUILDING DESCRIPTIONS

Currently, there is no building at the site. Information provided by a review of aerial photographs indicates that a former building, likely residential, existed at the site from sometime prior to 1944 up until sometime between 1982 and 1991.

6.2.4 POTENTIALLY CONTAMINATING ACTIVITY

The historical use of the site was likely originally residential with a rental parking lot from after 1982 until the present time. No records for waste generation or handling or Scott's Manufacturing directory and other database search requests were found for the subject site (Section 4.2.2). There are no activities known to have occurred at the subject site that could be considered "Potentially Contaminating Activities", as identified in Table 2 of Schedule D of O. Reg. 153/04.

However, a former building existed at the site and imported fill materials of unknown origin exist at the site in relation to the parking lot. If building debris from the former building is present at the site as well as fill materials used to raise the parking lot, these could be sources of shallow soil contamination, including the possible presence of lead, other heavy metals and other contaminants.



6.2.5 MATERIALS HANDLING AND STORAGE

General Storage and Debris

At the time of the site reconnaissance, housekeeping at the site is considered to be good.

Solid Waste

There is currently no solid waste generated at the site. The area is served by City of Ottawa municipal waste collection on a weekly basis.

Hazardous Materials

No storage of hazardous materials was observed. Based on the indicated past usage of the property, past storage of hazardous materials is considered unlikely, with the exception of a potential for a former furnace oil tank (Sections 4.2.2 and 6.2.4).

6.2.6 DESIGNATED AND REGULATED SUBSTANCES

Polychlorinated Biphenyls (PCBs)

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

There is no building at the site. Consequently, no fluorescent lighting or other potential PCB containing electrical equipment was observed to exist at the site.

Suspect Asbestos Containing Materials (ACM)

The common use of friable (breakable by hand) ACM in construction decreased in the mid 1970s. Buildings constructed prior to about 1985 may contain some ACM. Friable asbestos (friable is defined as a material that can be crumpled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980s. Examples where ACM can exist include floor, wall or ceiling tiles, heating/cooling pipes, pipe gaskets, roofing materials and insulation/non-combustible materials. The application of friable asbestos was banned



by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

Under Ontario Regulations, it is not a requirement to remove asbestos from a building unless it is damaged or is likely to be disturbed during renovations or demolition work etc. If asbestos is to be removed, it should be carried out in accordance with the procedures outlined in Ontario Regulation 837, R.R.O. 1990 and Ontario Regulation 278/05.

No building exists at the site. However, it is possible that buried building debris, if present at the site, could contain ACM.

Ozone- Depleting Substances (ODS)

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

No building exists at the site. Consequently, no ODS sources were observed to exist at the site.

Lead

Lead is commonly associated with old pipes, pipe solder, and lead paint. In 1976, Canadian Regulations limited the amount of lead in interior paint to 0.5 percent by weight. and the presence of building debris within fill materials observed at the site, it is possible that debris at the site contains lead.

No building exists at the site. However, due to the age of the former building at the site, indicated to have been constructed prior to 1944 it is possible that buried building debris, if present at the site, could contain lead.



Urea Formaldehyde Foam Insulation (UFFI)

Urea Formaldehyde Foam Insulation is composed of a mixture of urea-formaldehyde resin, a foaming agent, and compressed air. It was commonly injected in exterior wood frame and masonry walls in order to insulate difficult to reach cavities until its ban in Canada in December 1980. The majority of UFFI was installed in new and existing construction in Canada between 1975 and 1978 as part of the Canadian Home Insulation Program. The concern with UFFI is the effect on indoor air quality. There is no building at the site. Consequently, there are no concerns with UFFI.

6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS

No above or below ground storage tanks were observed at the site. The former residential building at the site could have been serviced by furnace oil.

6.2.8 ADJACENT PROPERTIES

The site is bordered on the north by McArthur Avenue followed by commercial development (Canada Customs and Revenue office building) on the east by a two storey former residential now commercial building (Dental Centre) and west by a two storey residential building, followed by a mixed use residential-commercial building (TODRICs restaurant and upper storey apartments) and on the south by residential development.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The Phase I ESA presented herein is based on information that was obtained from a records review (Section 4.0), interviews (Section 5.0) and site reconnaissance (Section 6.0). The details of the information obtained from each of these sources are provided in the relevant sections of this report. Based on the information obtained, Kollaard Associates has identified one current and historical potential source of contamination (PCAs) as well as an area of potential environmental concern (APEC) at the site, mainly from an on-site source, which are described in Section 7.0.



7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

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

Year	Owner	Property Use
1799 - 1944	Various individuals	Residential building constructed sometime prior to 1944
1944 - 1982	Various individuals	residential
1982 - current	Various individuals	Vacant used as rental parking lot

7.2 POTENTIALLY CONTAMINATING ACTIVITY

The following PCAs have been identified within the Phase I ESA study area, which have the potential to impact the subject site:

PCA 1 – Buried fill and building debris:

Possible presence of lead and other contaminants associated with building debris, if such materials were not removed from the site after the building was demolished.

PCA 2 – Imported fill materials used to raise parking lot:

Also, possible contaminants of unknown origin associated with imported fill materials used to raise the parking lot at the site.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

The following areas of potential environmental concern have been identified, based on past activities at the subject site and from the current and historical use of nearby properties within the Phase I study area. The corresponding contaminants of potential concern (COPCs) are identified.



APEC	Comment(s)	COPCs
APEC 1 – former building footprint, within north and west portion of the site	- fill and building debris and residues possible former furnace oil	- Metals, hydrocarbons, PAHs
APEC 2 – parking area	-potential unknown fill materials used to raise parking lot.	- Metals

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase I ESA Conceptual Model provided as Figure 2 identifies the PCAs and corresponding APECs (identified in Sections 7.2 and 7.3) at the site as well as surface features, such as buildings, roads and property uses for adjacent properties. The Phase I study area and all of the activities and historical property uses are described within maps provided in Attachment F.

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

Site and area topography and surface water drainage: The site and area are relatively flat lying with slope and groundwater flow direction to the west towards the Rideau River. Surface water drainage at the site and surrounding areas is considered to occur typically towards catch basins along McArthur Avenue and in general towards the west. There are no underground utilities on the subject site.

Hydrogeology/Surficial Geology: Based on a review of available data from surficial geology mapping for the site and well records from Ecolog ERIS, the following information is provided. The stratigraphy at the site likely consists of fill material, followed possibly by a layer of native clay and silt, with shale bedrock, which could be encountered at about 8 metres depth (based on information in Section 4.3.5). Groundwater flow direction in the overburden is expected to be to the west towards the Rideau River.

Contaminants of Potential Concern: The COPCs identified at the site based on the known information from potential sources on and off the site are:

- Metals, hydrocarbons and PAHs associated with APEC 1, due to possible buried building debris associated with former building



- Metals within APEC 2, due to unknown origin of fill materials within parking area across the entire site

Contaminant distribution and transport: The hydraulic conductivity of the soils at the site and within the Phase I study area are possibly medium to low permeability, however, there are likely coarser grained fill materials present at the site that are of concern. The water table elevation is unknown. The site and area consist of mostly hard surface areas which hampers natural recharge as most of the rainfall would be directed towards catchbasins. As a result, both vertical and lateral gradients which drive contaminant migration would be relatively slow. Contaminants released from the ground surface would tend to migrate downwards through the overlying fill, sand and gravel, towards the low permeable underlying clays. Once saturated conditions are encountered and depending on contaminant mobility, solubility, volatility, etc. the contaminants could be expected to dissolve into the groundwater and migrate laterally in the direction of groundwater flow.

Uncertainty: The uncertainties associated with the conceptual model include those associated with a lack of documentation for the subject site, the limited documentation available concerning the adjacent properties in the study area and the adjacent land uses.

8.0 CONCLUSION

8.1 PHASE II ESA REQUIREMENT FOR RSC FILING

The results of this Phase I ESA suggest that the potential risks associated with this site include the APECs outlined in Section 7.3 above. Those APECs were identified based on the records review, interviews and site reconnaissance carried out. Based on the results of this Phase I ESA it is considered that there is some potential for subsurface contamination to exist at the site related to possible presence of imported fill materials which may contain building debris from the former building at the site, a potential source of deleterious materials, such as lead and asbestos.

A limited scope Phase II ESA is required in order to address areas of potential environmental concern at the subject site and in order to file a RSC, should it be required for this site.



8.2 RSC FILING BASED ON PHASE I ESA

Based on the conclusions outlined in Section 8.1, a RSC cannot be filed at this time.

8.3 SIGNATURES

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

This report was prepared for the exclusive use of Takyan Consulting and Development Inc. and is based on data and information collected during the Phase I ESA of the property conducted by Kollaard Associates Inc. This report may not be relied upon by any other person or entity without the express written consent of Takyan Consulting and Development Inc. In evaluating this site, Kollaard Associates Inc. has relied in good faith on information provided by others. The assessment of environmental conditions and possible site hazards presented have been made using available technical data collected and provided by others. We accept no responsibility for any deficiencies, or inaccuracies in this report as a result of omission, misinterpretations, or fraudulent acts of others.

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

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



Yours truly,

Kollaard Associates Inc.



Colleen Vermeersch, P. Eng.



William Kollaard, P. Eng.



9.0 REFERENCES

National Air Photo Library, air photographs.

City of Ottawa geoMaps, air photographs.

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

Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd.

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

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

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

Ecolog Eris Ltd. Standard Report, Plus Fire Insurance Maps dated August 14, 2014, various federal, provincial and private database records for 250 metres study area.



10.0 QUALIFICATIONS OF THE ASSESSORS

Colleen Vermeersch, P. Eng.

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

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

William Kollaard, P.Eng. – Owner – Kollaard Associates Inc.

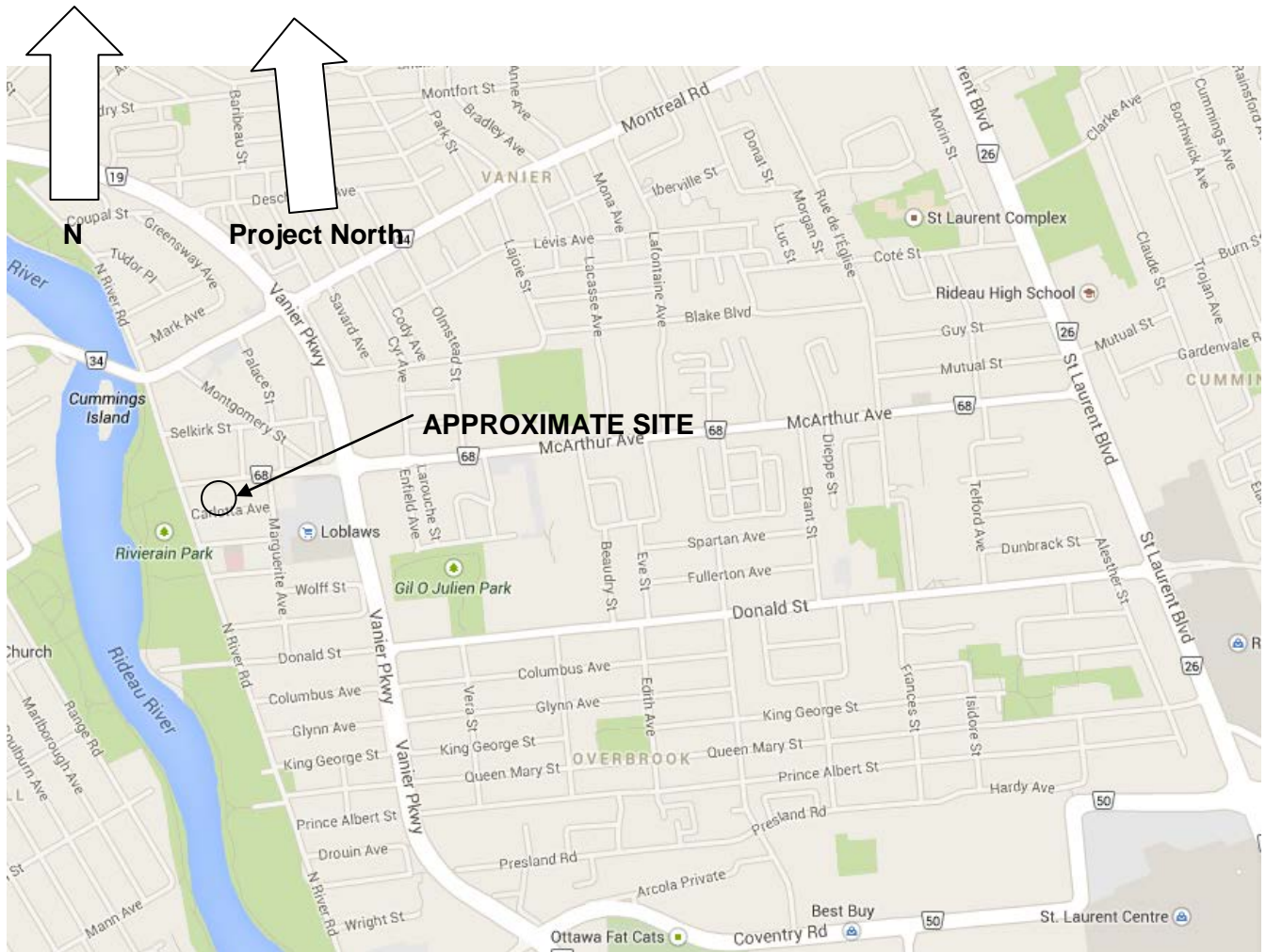
Mr. William Kollaard is the founding member of Kollaard Associates and is a professional engineer and principal consultant with more than 15 years of experience in the environmental consulting industry. Mr. Kollaard provides leadership, technical guidance to other project staff, senior review of deliverables and direct consulting to clients. His work experience has included: project management, conducting site and field work, business development, report and proposal writing and review. His duties also include providing technical and professional advice to various clients throughout the industry. Mr. Kollaard provides liaison between clients, other stakeholders, regulatory officials and legal counsel where required.

As principal, Mr. Kollaard actively participates in the direction and planning of the company, and has various active roles in mentorship, business development, protocols and procedures and quality control/quality assurance.

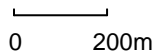
Kollaard Associates is an engineering consulting firm that provides a complete range of engineering services for developers, builders and homeowners in Eastern Ontario. Kollaard Associates specializes in providing civil, structural, geotechnical, hydrogeological and environmental services to our clients.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

KEY PLAN

FIGURE 1

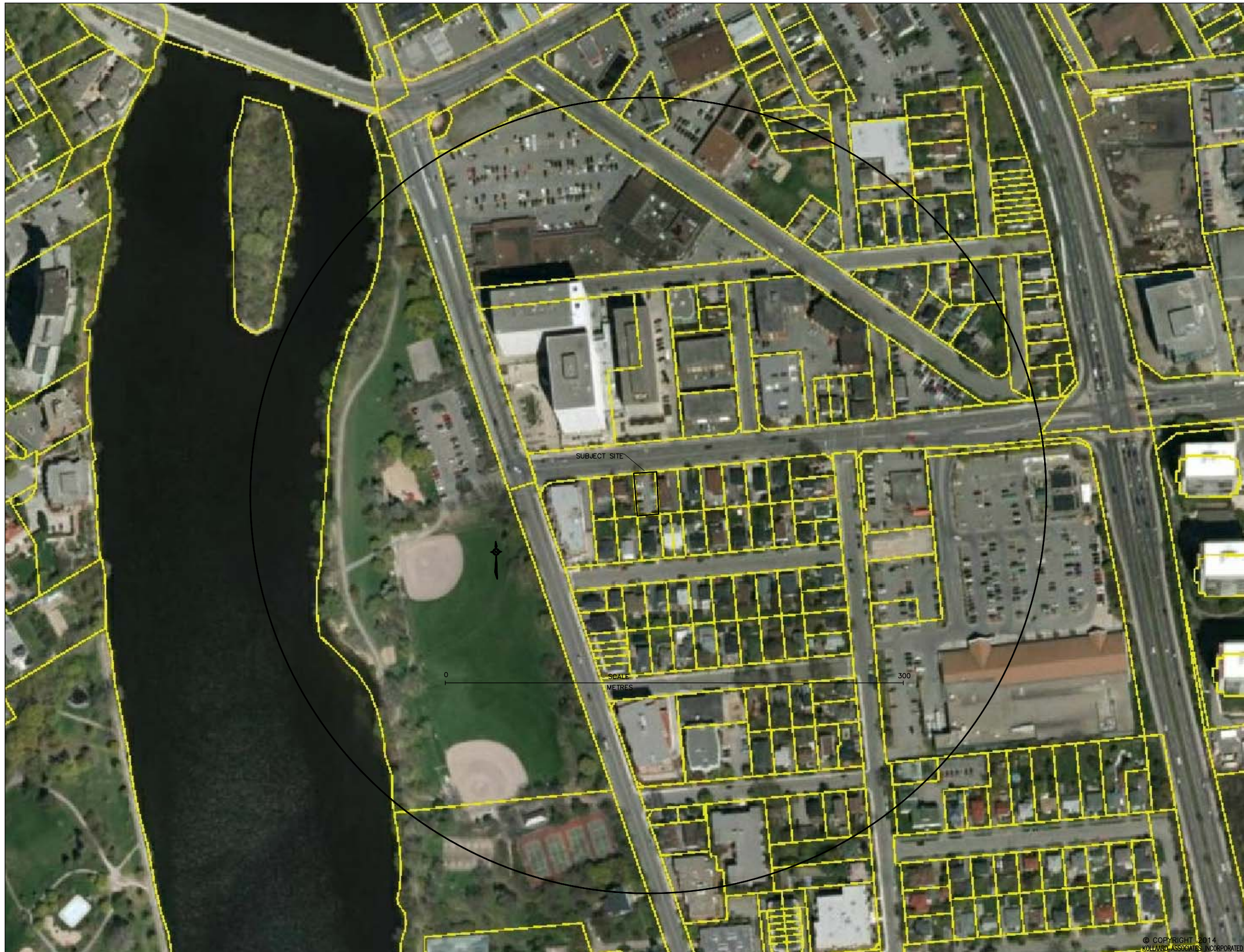


SCALE



Kollaard Associates
Engineers

Project No. 140491
Date September 2014



DRAWING NUMBER:
FIGURE 2

LEGEND:
 PHASE I STUDY AREA

 SITE


R RESIDENTIAL USE
 C COMMERCIAL USE
 S STORAGE

There are no ANSI or water wells within the Phase I ESA Study Area. There is a surface water body within the study area.

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

REFERENCE: PLAN SUPPLIED BY BING AERIAL MAPS

REV.	NAME	DATE	DESCRIPTION

 **Kollaard Associates**
Engineers

PO, BOX 189, 210 PRESCOTT ST (613) 860-0923
 KEMPTVILLE ONTARIO info@kollaard.ca
 KOG 1J0 FAX (613) 258-0475
 http://www.kollaard.ca

CLIENT:
TAKYAN CONSULTING AND DEVELOPMENT INC.

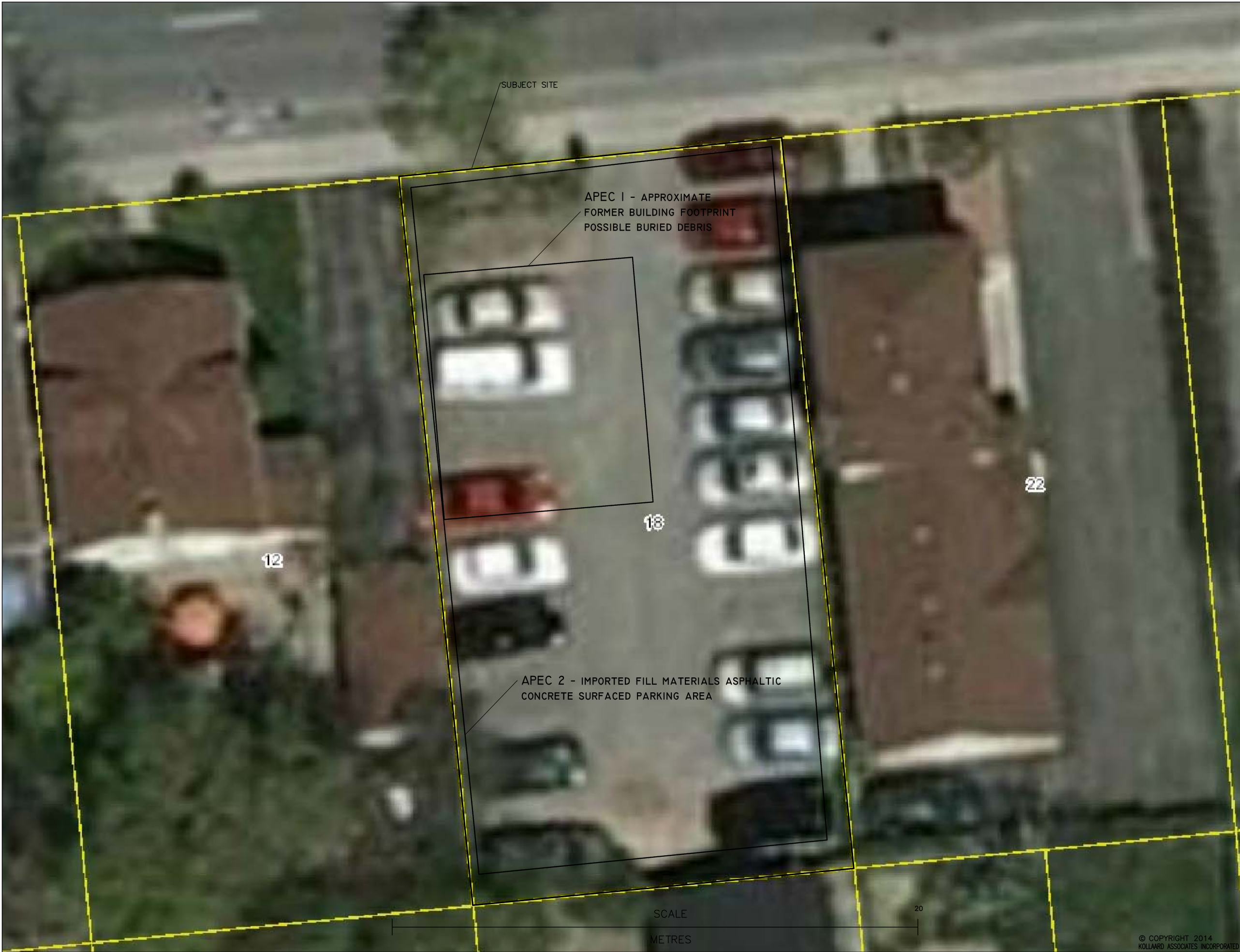
PROJECT:
PHASE I ENVIRONMENTAL SITE ASSESSMENT
CONCEPTUAL SITE MODEL

LOCATION:
18 MCARTHUR AVENUE
CITY OF OTTAWA, ONTARIO

DESIGNED BY: -- DATE: SEPTEMBER 2014


DRAWN BY: CV SCALE: AS SHOWN

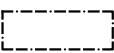
KOLLAARD FILE NUMBER:
140491



DRAWING NUMBER:
FIGURE 3

LEGEND:

 SUBJECT SITE

 AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

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

REFERENCE: PLAN SUPPLIED BY BING AERIAL MAPS

REV.	NAME	DATE	DESCRIPTION

 **Kollaard Associates**
Engineers

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

CLIENT:
TAKYAN CONSULTING AND DEVELOPMENT INC.

PROJECT:
PHASE I ENVIRONMENTAL SITE ASSESSMENT
ADDITIONAL CONCEPTUAL SITE MODEL

LOCATION:
18 MCARTHUR AVENUE
CITY OF OTTAWA, ONTARIO

DESIGNED BY: -- DATE: SEPTEMBER 2014

DRAWN BY: CV SCALE: AS SHOWN

KOLLAARD FILE NUMBER:
140491



ATTACHMENT A

TITLE SEARCH DOCUMENTATION

Att: Don Stanger

ENVIRONMENTAL SEARCH

Re: 12 Neatthas Ave.

2

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	May 27 1799	Crown	Don Stanger Munn
R02027	Deed	Apr 21 1835	Estate of John Munn	Donald Munn
GC221	Deed	Dec 7 1874	Donald Munn	Christy A. Campbell
GC11602	Power of Sale	Jul 12 1895	Grant McDonald	Esther Munn
V1712	Deed	May 19 1920	Esther Munn	James C. Munn
V1962	Deed	May 19 1922	James C. Munn	John R. Munn
CR283925	Will	June 6 1950	James R. Munn	James Munn
NS22532	Will	Aug 28 1928	James Munn (husband of Annie Munn)	Henry Earl Munn

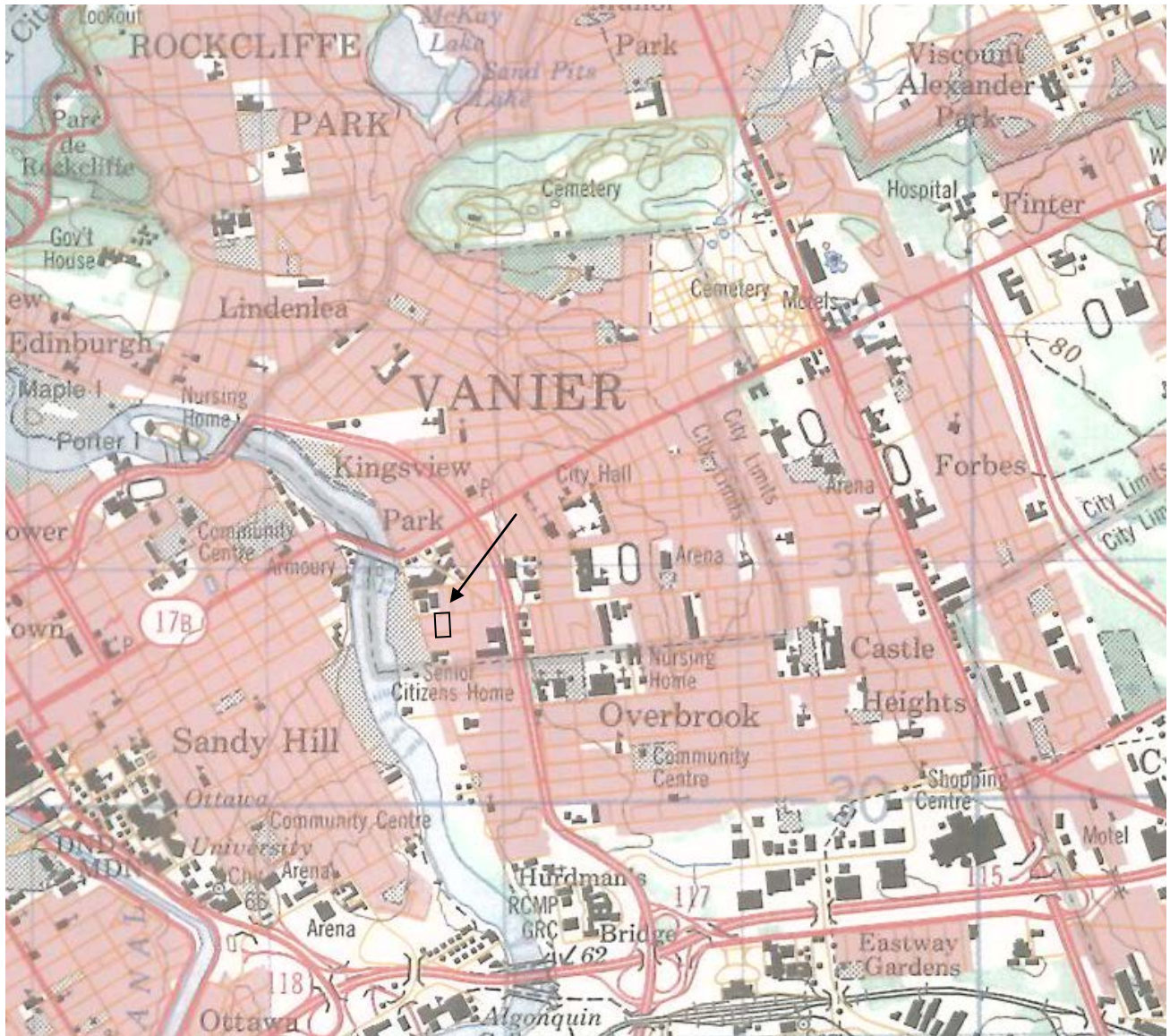
ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
N 427823	Deed	Jul 19 1988	Estate of Henry Earl Chapman	Pete P'ampole
N 570663	Deed	Apr 3 1991	Pete P'ampole	Bernita Catherine Adams Coty (Current owner)
<i>F. Legal Description to: APT 64, Plan 239, Unit 6, Great Park 1400 Elm Ct 193 429, formerly City of Denver, City of Denver, PIN 04240-0041</i>				
<i>Aug 21/14</i>				



ATTACHMENT B

TOPOGRAPHIC MAP





ATTACHMENT C

AIR PHOTOGRAPHS

AIR PHOTOGRAPH



1944



Kollaard Associates
Engineers

Project No. 140491

Date August 2014

AIR PHOTOGRAPH



1951



Kollaard Associates
Engineers

Project No. 140491

Date August 2014

AIR PHOTOGRAPH



1965

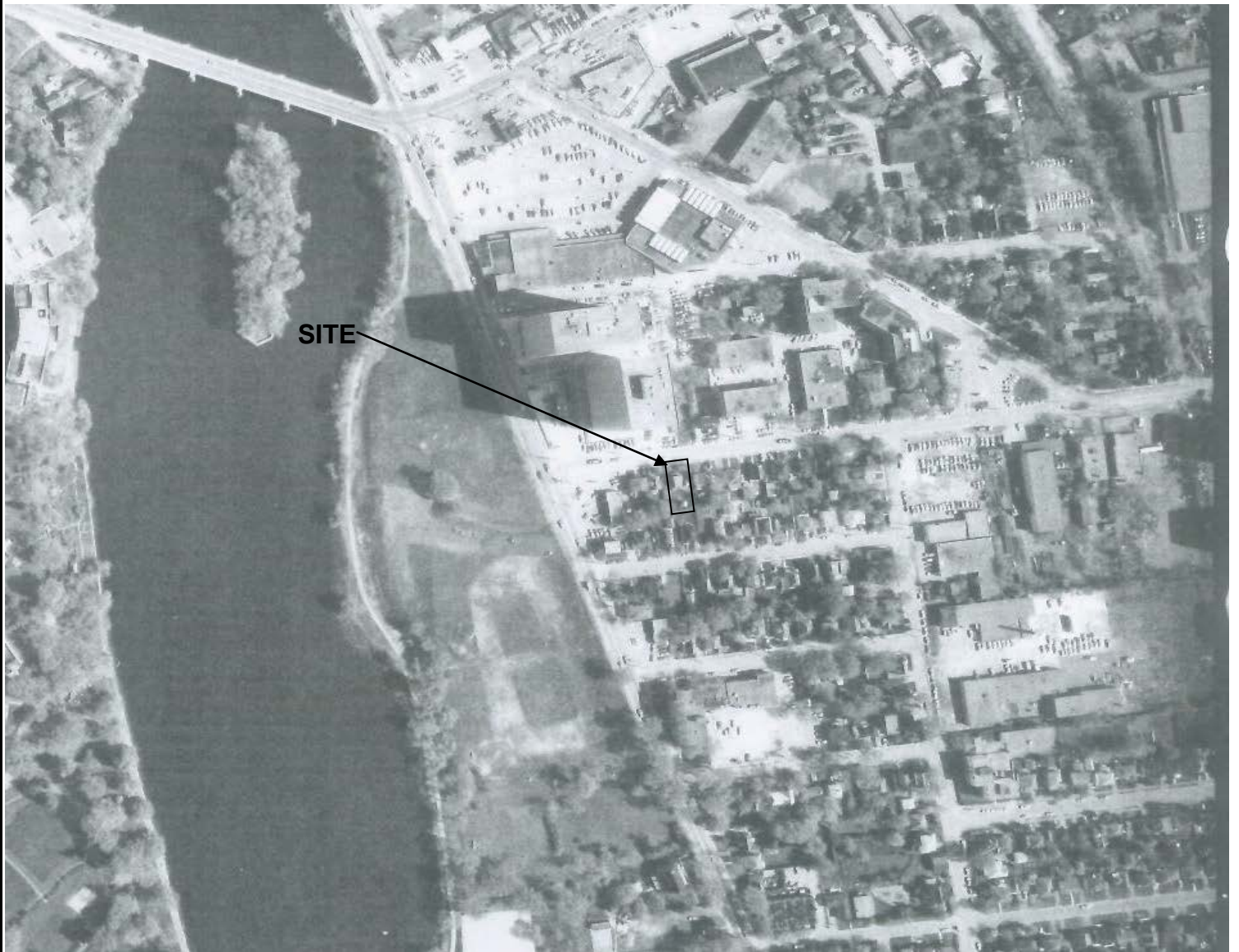


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Date August 2014

AIR PHOTOGRAPH



1973



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Project No. 140491

Date August 2014

AIR PHOTOGRAPH



1982



Kollaard Associates
Engineers

Project No. 140491

Date August 2014

AIR PHOTOGRAPH



1991

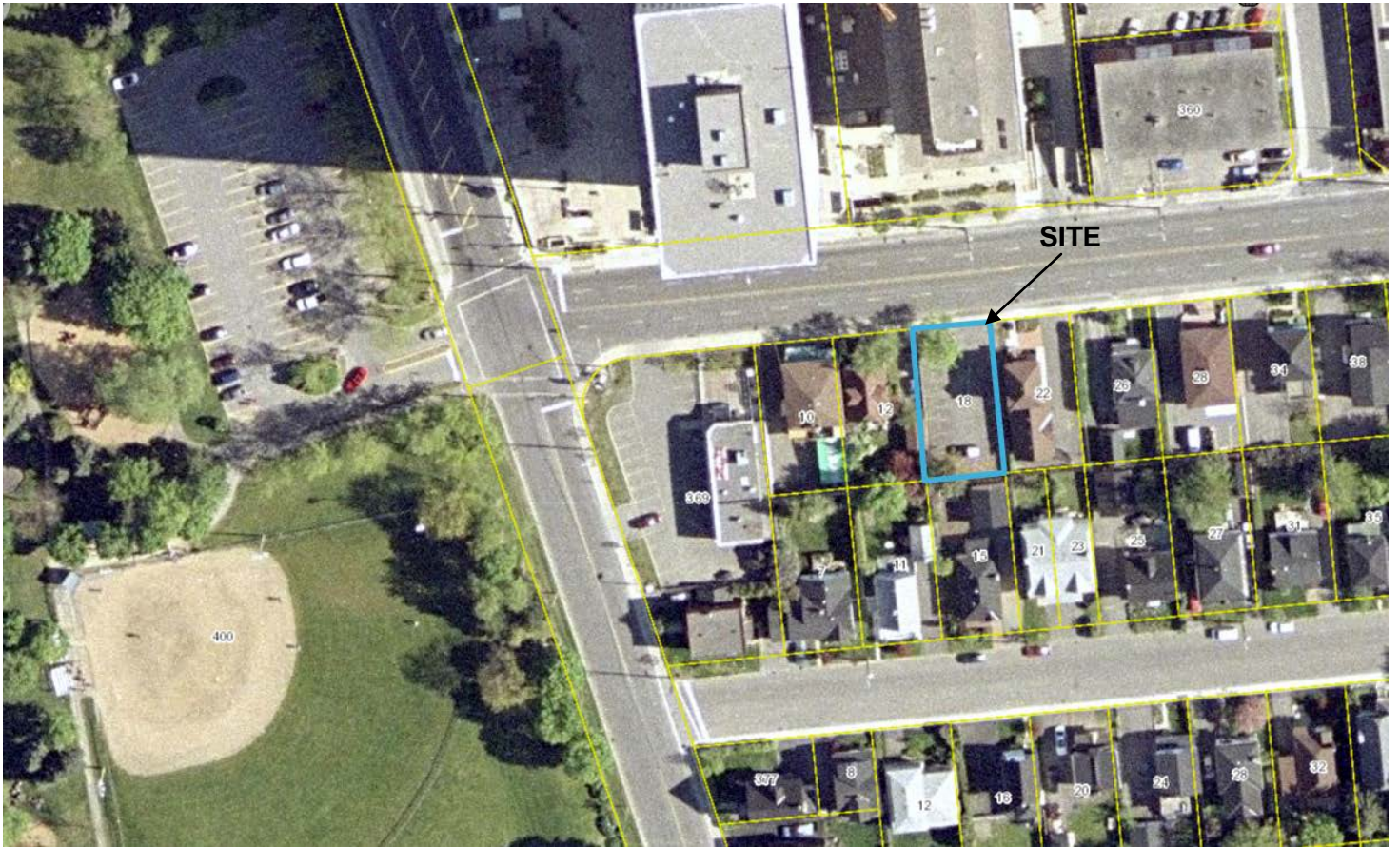


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Date August 2014

AIR PHOTOGRAPH



2002



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Date August 2014

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2005



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Engineers

Project No. 140491

Date August 2014

AIR PHOTOGRAPH



2008



Kollaard Associates
Engineers

Project No. 140491

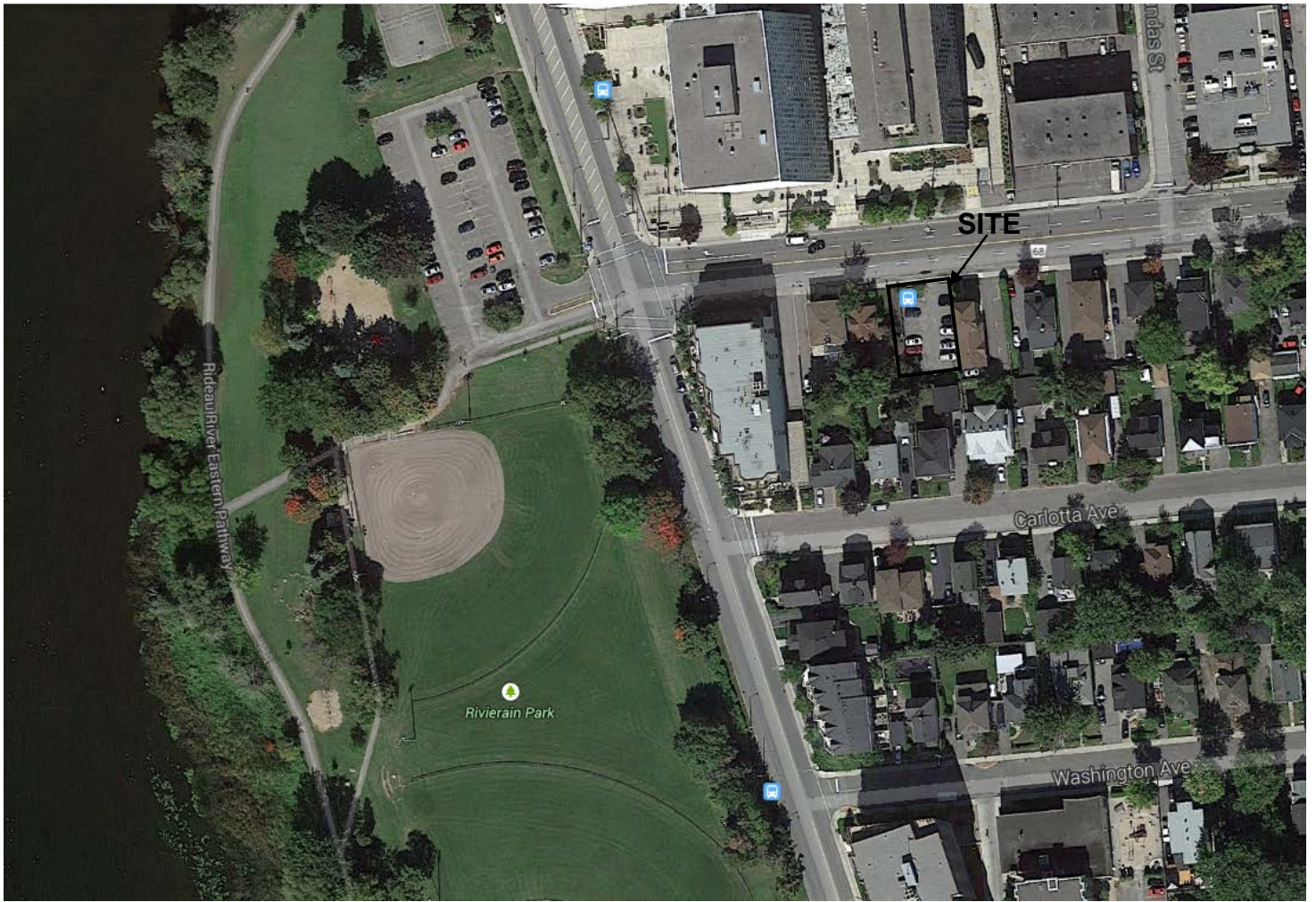
Date August 2014

AIR PHOTOGRAPH



2011

AIR PHOTOGRAPH



2013



Kollaard Associates
Engineers

Project No. 140491

Date August 2014



ATTACHMENT D

ONTARIO MINISTRY OF THE ENVIRONMENT CORRESPONDENCE



Kollaard Associates

Engineers

210 Prescott Street

P.O. Box 189

Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology

(613) 860-0923

FAX: (613) 258-0475

August 21, 2014

140491

Ontario Ministry of the Environment
2430 Don Reid Drive
Ottawa, Ontario
K1H 1E1

Attention: Abatement Officer

Re: 18 MCARTHUR AVENUE
LOT 64, PLAN 239
FORMERLY CITY OF VANIER
CITY OF OTTAWA, ONTARIO

Dear Sirs/Madam:

We have been retained by Takyon Consulting and Development Inc. to carry out a Phase I ESA for the above noted site. Accordingly, we would be pleased if you would provide us with information concerning any historical or existing incidents at or in the vicinity of the above site on file with the Ontario Ministry of the Environment.

Sincerely,
KOLLAARD ASSOCIATES, INC.

Colleen Vermeersch, P. Eng.



Professional Engineers
Ontario

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



ATTACHMENT E

CITY OF OTTAWA CORRESPONDENCE



Kollaard Associates

Engineers

210 Prescott Street

P.O. Box 189

Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology

(613) 860-0923

FAX: (613) 258-0475

August 12, 2014

140491

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

Attention: To whom it may concern

Re: ENVIRONMENTAL SEARCH REQUEST
18 McARTHUR AVENUE
CITY OF OTTAWA, ONTARIO

Dear Sirs/Madam:

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

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

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

Sincerely,
KOLLAARD ASSOCIATES, INC.

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



Professional Engineers
Ontario

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



Kollaard Associates

Engineers
210 Prescott Street
P.O. Box 189
Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology

(613) 860-0923

FAX: (613) 258-0475

August 12, 2014

140491

Takyan Consulting and Development Inc.
100 Argyle Avenue Suite 300
Ottawa, Ontario

Re: Consent to Disclose Information
Civic Address: 18 McARTHUR AVENUE
CITY OF OTTAWA, ONTARIO

Dear Sir/Madam,

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

We are requesting consent from you, the owner of 18 McArthur Avenue, Ottawa, Ontario, for the City of Ottawa to disclose information for the purpose of the Phase I Environmental Site Assessment. This will authorize the City of Ottawa to release any relevant information about the property to the requester.

To provide consent, please sign and date the following.

Owner Signature for 18 McArthur Avenue

Date

ANDREW CATZOVIS

Owner Name (Please Print) for 18 McArthur Avenue

Thank you for your assistance regarding this matter.

Sincerely,
KOLLAARD ASSOCIATES, INC.

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



Professional Engineers
Ontario

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

City of Ottawa – ISCS Department

INFORMAL REQUEST FOR INFORMATION PROCESS

INFORMATION SHEET

What is the informal Request for Information process?

The City of Ottawa provides an informal process through which parties conducting research on existing or former uses of a site, often for a Phase I Environmental Site Assessment or in conjunction with an application for a development approval, can request and obtain information from the City of Ottawa regarding properties located within its boundaries. As of January 1st, 2001, this process also incorporates information from the Historical Land Use Inventory (“HLUI”), which was compiled by the former Region of Ottawa-Carleton. This database was recently updated current to 2005 data.

This informal process provides applicants with a streamlined way in which to obtain useful information from the City of Ottawa. It is called an **informal process** because it allows applicants to request information outside of the legislated process found in the *Municipal Freedom of Information and Protection of Privacy Act* (“MFIPPA”).

What does the City of Ottawa do when it receives an informal Request for Information?

Once the City of Ottawa receives a request for information along with the appropriate consent and signed disclaimer, the search process is triggered. Staff members from the Planning and Growth Management Branch of the Infrastructure Services and Community Sustainability Department review the Request for Information and the consent to ensure that they are complete and, if necessary, clarify any details with the requester. The request is then circulated to the following Departments within the City of Ottawa:

- City Operations: Environmental & Health Protection Division (Public Health);
- Infrastructure Services and Community Sustainability: Sewer Use Program;
- Infrastructure Services and Community Sustainability: Environmental Programs (Waste Diversion);
- City Manager’s Office: Real Estate Services Division;
- City Manager’s Office: Legal Services Division.

Staff members of the Planning and Growth Management Branch also conduct a search of the HLUI database.

The nature of the information that the Departments may have on a particular property will vary, depending on their scope of activities and mandate. Document retention periods and recording methods will also determine which information may be available regarding a particular property. As a result, the amount of information available on a property will vary on a case-by-case basis. Any information that is found regarding a particular property is then

pooled and reviewed by staff within the City of Ottawa's Planning and Growth Management Branch. The information is then provided to the requester, together with any necessary explanations.

What are the advantages of using the informal Request for Information process?

This process was put into place to assist applicants conducting research on a particular site in obtaining certain information. The streamlined circulation and search process has been designed to ensure that those departments that are most likely to have relevant information available regarding properties are canvassed. The staff members involved in this process are all familiar with environmental assessments and land use planning. At present, there are no fees associated with this process.

While the time required to process requests will vary depending on each property, the City of Ottawa attempts to provide a response within a 30 day time period.

Who can submit an informal Request for Information?

This process is available to individual and corporate landowners alike. Consultants and other third parties may also make requests on behalf of any landowner with the landowner's written consent.

What about MFIPPA?

This informal process is designated to operate as a limited alternative to the access to information process found in MFIPPA.

MFIPPA is a provincial statute affecting all municipalities and local boards in Ontario. It regulates public access to information contained in municipal records and sets out rules regarding protection of individual privacy. MFIPPA provides a formalized process for access to information by the public, whereby individuals may request, in writing, access to information under the custody and control of the City of Ottawa. MFIPPA also prescribes an application fee as well as processing fees for each request. Deposits are required for requests involving a substantial amount of municipal records.

Although all individuals and corporations are free to make formal requests for information under MFIPPA, the City's informal Request for Information process provides requesters with an alternative route for obtaining certain information that is in the custody and control of the City of Ottawa.

What impact does MFIPPA have on the City's informal Request for Information process?

The City of Ottawa must follow the rules in MFIPPA with respect to disclosure of information, regardless of whether the request for the information has been made formally under MFIPPA or informally under the City's informal Request for Information process. As

a result, the City of Ottawa may be unable to release certain information that is in its custody and control with respect to some properties.

How is an informal Request for Information submitted?

1. **Request for Information form:** Requesters must fill out the attached ‘Request for Information’ form and submit it to the City of Ottawa’s Planning and Growth Management Branch. The location of the subject property must be clearly indicated on the form.
2. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a ‘consent to disclose information’ letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
3. **Description of the Property:** In order to assist the City of Ottawa in its search for information, please provide as much information as possible about the property, including:
 - Both the municipal address and the legal description of the property;
 - A site plan or key plan of the property, its location and particular features;
 - A clear description of what information you are interested in receiving; and,
 - Any significant dates or time frames you would like researched.
4. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa’s Planning and Growth Management Branch. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.

Where can I get more information about this process?

You may contact Kate Goslett with the Planning Division at (613) 580-2424 ext. 14743 or HLUI@ottawa.ca to obtain further information regarding the City of Ottawa’s informal Request for Information process.

Questions, comments and suggestions are always welcome.



INFORMAL REQUEST FOR INFORMATION PROCESS
CONFIDENTIAL

File No.: 140491

Request for Information
(Informal Request)*

1. REQUESTER INFORMATION

- a) Name of Requester: Kollaard Associates Inc - Dean Tataryn
- b) Address of Requester: 210 Prescott Street, Kemptville, Ontario
- c) Telephone Number: 613-860-0923, ext. 225
- d) Site Address: Lot- _____ Concession: _____
Street: 18 McArthur Avenue City/Town: Ottawa
Postal Code: _____
- e) Legal Plan Attached: Yes () No ()
- f) Site Owner: Antonio Catizzone
- g) Adjacent Property Owners: unknown
- h) Date of Ownership: _____
Previous Owner(s): _____

- i) Type of Site: () vacant, () residential, () commercial,
() other (specify) _____
- j) Requestors relationship to Site: Site Assessor
- k) Date of Previous Request: n/a
- l) Date of Previous ESA: n/a
- m) Information Requested: see attached letter

2. CONFIDENTIALITY

- a) Consent Required: (✓) Owner () Tenant () Purchaser () Legal**
- b) Consent Obtained: (✓) Owner () Tenant () Purchaser () Legal**

*Will not be processed as a request for information pursuant to MFIPPA.

** (Consent letters must contain the information required, give authorization to requestor, and be dated and signed)



DISCLAIMER
For use with HLUI Database


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

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

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

Signed: Dean Tataryn

Dated: August 12, 2014

Per: Dean Tataryn
(Please print name)
Title: Environmental Professional
Company: Kollaard Associates 



ATTACHMENT F

ECOLOG ERIS – ENVIRONMENTAL RISK INFORMATION SERVICES



FIRE INSURANCE MAP RESEARCH RESULTS

Date: 8/14/2014

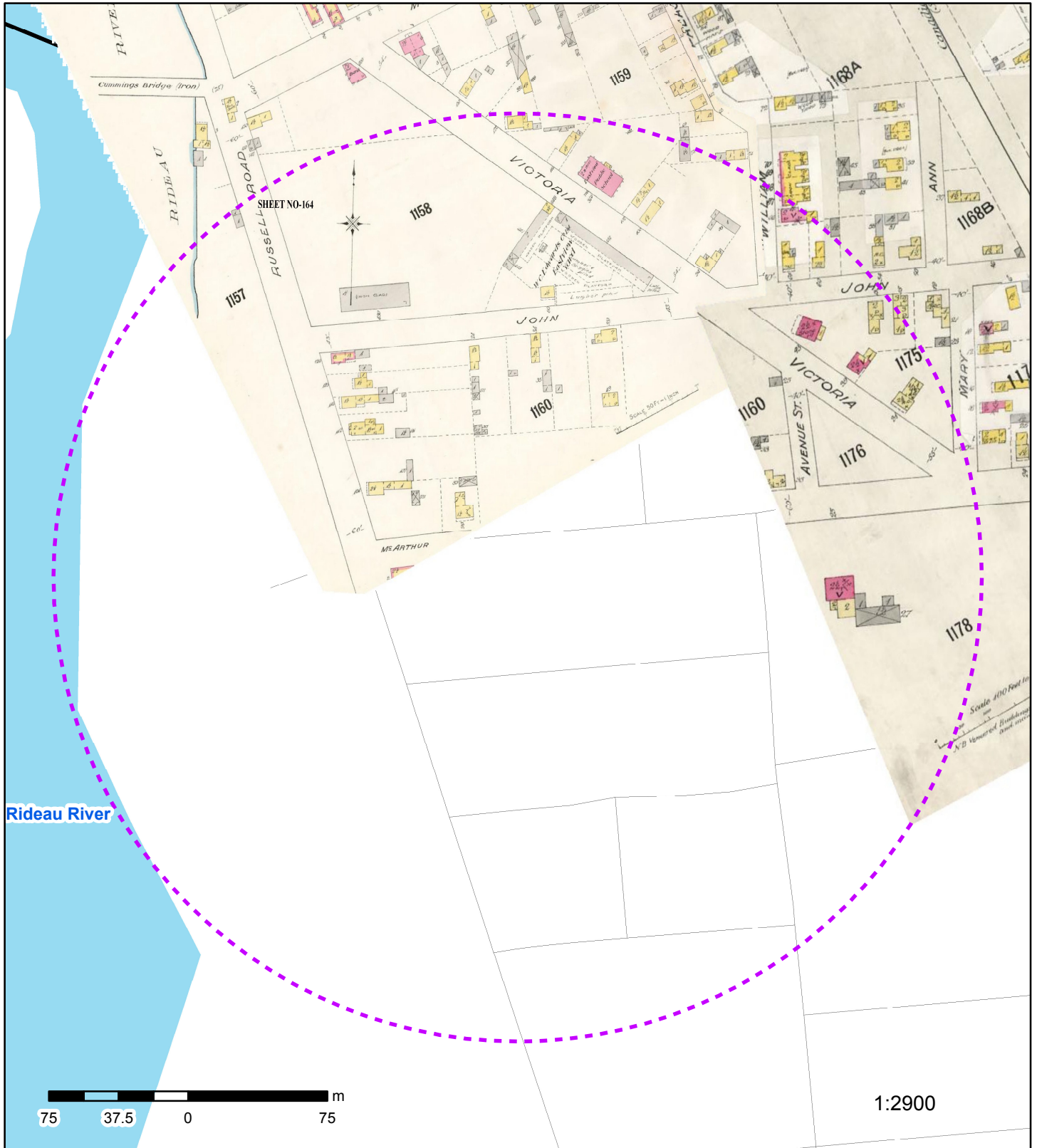
Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

Order Number: 20140812033
18 Mcarthur Ave, Ottawa, ON, K1L6R2

Province	City	Date	Volume	Sheet Number(s)
Ontario	Ottawa	1912	2	164,165
Ontario	Ottawa	1956	2	230-2,231-3,244-2

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Ottawa, Ontario, 1912, Volume 2



Fire Insurance Map

Address: 18 McArthur Ave, Ottawa, ON, K1L6R2

Map sheet(s): 164,165

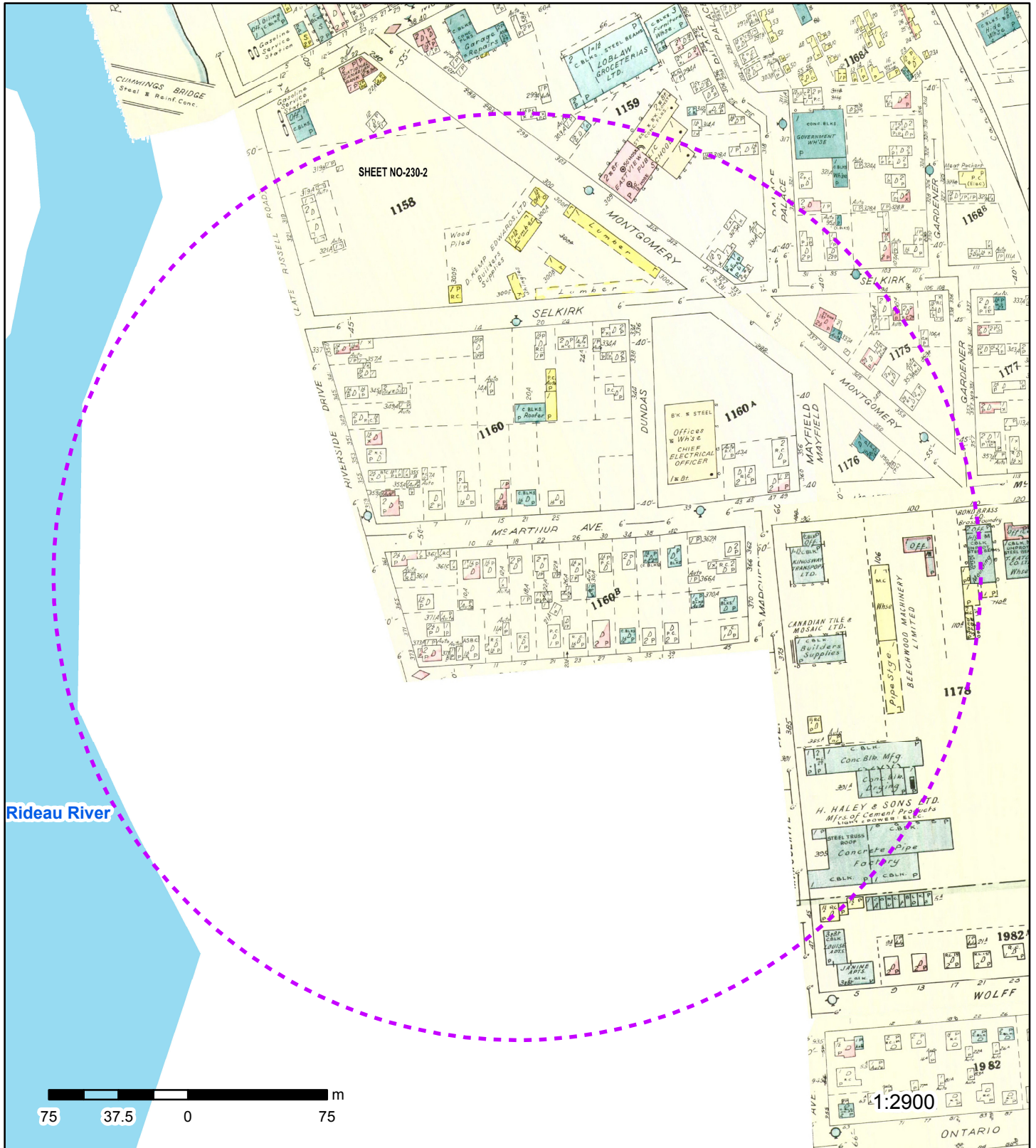
The dashed line indicates the search radius around the site: 250 m

Order Number 20140812033



© Ecolog ERIS Ltd

Ottawa, Ontario, 1956, Volume 2



Fire Insurance Map

Address: 18 McArthur Ave, Ottawa, ON, K1L6R2

Map sheet(s): 230-2,231-3,244-2

The dashed line indicates the search radius around the site: 250 m

Order Number 20140812033



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DATABASE REPORT



Project Property: 140491
18 Mcarthur Ave
Ottawa ON K1L6R2

P.O. Number:

Report Type: Standard Report Plus Fire Insurance Maps

Order #: 20140812033

Requested by: Kollaard Associates Inc.

Date: August 14, 2014

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Table of Contents

Table of Contents.....	1
Executive Summary.....	2
Executive Summary: Report Summary.....	3
Executive Summary: Site Report Summary - Project Property.....	5
Executive Summary: Site Report Summary - Surrounding Properties.....	6
Executive Summary: Summary By Data Source.....	11
Map.....	19
Aerial.....	20
Detail Report.....	21
Unplottable Summary.....	51
Unplottable Report.....	52
Appendix: Database Descriptions.....	58
Definitions.....	68

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Executive Summary

Property Information:

Project Property: 140491
18 Mcarthur Ave Ottawa ON K1L6R2

P.O. Number:

Coordinates:

Latitude: 45.430591
Longitude: -75.66792
UTM Northing: 5,031,002.31
UTM Easting: 447,753.50
UTM Zone: UTM Zone 18T

Elevation: 188 FT
57.27 M

Order Information:

Order No.: 20140812033
Date Requested: 18/08/2014
Requested by: Kollaard Associates Inc.
Report Type: Standard Report Plus Fire Insurance Maps

Additional Products:

Fire Insurance Maps Canadian Fire Insurance Maps

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	3	3
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	7	7
EIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	12	12
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	39	39
HINC	<i>TSSA Historic Incidents</i>	Y	0	3	3
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defence & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defence & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	1	1
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	13	13
SPL	<i>Ontario Spills</i>	Y	0	3	3
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	9	9
			Total:	0	96
				96	96

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	GEN	TELESAT CANADA (OUT OF BUSINESS) 37-413	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N/33.2	-0.34	21
1	GEN	TELESAT CANADA (OUT OF BUSINESS)	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N/33.2	-0.34	21
1	GEN	TELESAT CANADA	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N/33.2	-0.34	21
2	EHS		10 McArthur Avenue Ottawa ON	WNW/37.8	0.00	21
3	SPL		opposite 7 Carlotta St. Ottawa ON	SW/39.9	0.09	22
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW/51.2	0.18	22
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON	WSW/51.2	0.18	22
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW/51.2	0.18	22
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW/51.2	0.18	22
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW/51.2	0.18	23
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON	WSW/51.2	0.18	23
4	EXP	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW/51.2	0.18	23
5	SCT	General Fire Protection Eqmt	30 McArthur Ave Vanier ON K1L 6R2	ENE/53.6	-0.50	23
6	CA	SAMIR C. JARWAN	361 RIVER ROAD VANIER CITY ON	W/68.1	0.71	2
6	PRT	GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L8C2	W/68.1	0.71	24
7	SCT	Oncozyme Pharma Inc.	38 McArthur Ave Suite 200 Vanier ON K1L 6R2	E/72.7	-0.24	24
8	EHS		344 and 360 Dundas Street Ottawa ON	NNE/81.5	-0.50	24
9	GEN	Service Canada	333 North River Road Ottawa ON	NW/91.7	1.10	25
9	GEN	Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW/91.7	1.10	25
9	GEN	Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW/91.7	1.10	25
9	GEN	Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW/91.7	1.10	26

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
9	GEN	Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW/91.7	1.10	26
9	GEN	HEALTH AND WELFARE CANADA	333 RIVER ROAD HEALTH UNIT #39, 4TH FLOOR, TOWER A VANIER ON K1A 0K9	NW/91.7	1.10	26
9	GEN	BONA BUILDING & MANAGEMENT COMPANY LTD	SUITE 103 333 RIVER ROAD OTTAWA ON K1L 8B9	NW/91.7	1.10	27
9	GEN	HEALTH AND WELFARE CANADA	HEALTH UNIT #39, 4TH FLOOR, TOWER A 333 RIVER ROAD VANIER ON K1A 0K9	NW/91.7	1.10	27
9	GEN	GVT. OF CANADA-FOREIGN AFFAIRS CANADA	333 RIVER ROAD, TOWER A 15TH FLOOR OTTAWA ON K1L 8B9	NW/91.7	1.10	27
9	GEN	GOVERNMENT OF CANADA	333 RIVER ROAD, TOWER A, 15TH FLOOR OTTAWA ON K1L 8B9	NW/91.7	1.10	27
9	GEN	BONA PROPERTY MANAGEMENT	333 RIVER ROAD OTTAWA ON K1L 8B9	NW/91.7	1.10	28
9	GEN	Human Resources and Skills Development Canada NCR Facilities Management	333 North River Road Ottawa ON K1A 0L1	NW/91.7	1.10	28
10	GEN	BONA BUILDING MANAGEMENT LTD. CO.	333 NORTH RIVER ROAD, SUITE 303 OTTAWA ON	NW/107.0	1.30	28
11	GEN	ROYAL CANADIAN GEOGRAPHICAL SCTY. 33-593	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE/108.1	-0.27	28
11	GEN	ROYAL CANADIAN GEOGRAPHICAL SOCIETY	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE/108.1	-0.27	29
11	GEN	ROYAL CANADIAN GEOGRAPHICAL SOCIETY	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE/108.1	-0.27	29
11	GEN	ROYAL CANADIAN GEOGRAPHICAL SCTY.	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE/108.1	-0.27	29
11	SCT	ROYAL CANADIAN GEOGRAPHICAL	39 MCARTHUR AVE VANIER ON K1L 8L7	NE/108.1	-0.27	29
11	SCT	RCGS - GÉOGRAPHICA	39 MCARTHUR AVE VANIER ON K1L 8L7	NE/108.1	-0.27	30
11	SCT	ROYAL CDN GEOGRAPHICAL SOCIETY	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	30
11	SCT	The Royal Canadian	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	30
11	SCT	ROYAL CANADIAN GEOGRAPHICAL	39 MCARTHUR AVE VANIER ON K1L 8L7	NE/108.1	-0.27	30
11	SCT	The Royal Canadian	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	30
11	SCT	Royal Canadian Geographical Society - Canadian Geographic	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	31
11	SCT	Royal Cdn Geographical Soc	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	31
11	SCT	Royal Canadian Geographical Society - Géographica	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	31
11	SCT	Cdn Geographic - Royal Cdn	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	31
11	SCT	Royal Canadian Geographical Society	39 McArthur Ave Vanier ON K1L 8L7	NE/108.1	-0.27	31

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
12	BORE		ON	NW/115.3	1.40	32
13	GEN	Tungasuvvingat Inuit Family Health Team	#300, 24 Selkirk St Ottawa ON	NNE/123.4	0.26	32
13	GEN	Tungasuvvingat Inuit Family Health Team	#300, 24 Selkirk St Ottawa ON	NNE/123.4	0.26	33
14	WWIS		ON	E/138.7	0.11	33
15	EHS		3-33 Selkirk Street (Eastview Shopping Centre) Ottawa (Vanier) ON	N/148.2	-0.47	33
16	EHS		350 Mayfield Avenue and 50 Selkirk Street Ottawa ON	NE/151.7	0.03	33
17	PES	WOOLWORTH F W CO LTD 227	11 SELKIRK STREET OTTAWA ON	NNW/155.5	-0.19	34
18	CA	GARDEN ORCHARD FARMS	29 SELKIRK STREET VANIER CITY ON K1L 6N1	N/158.7	0.47	3
19	EHS		411 North River Road Ottawa ON	S/161.6	0.07	34
19	INC		411 NORTH RIVER ROAD, OTTAWA ON	S/161.6	0.07	34
20	WWIS		Ottawa ON	ESE/163.4	0.60	35
21	SPL	GOODYEAR	52 MCARTHUR VEHICLE SERVICE CENTRE VANIER CITY ON K1L 6P9	E/163.7	0.68	36
22	EHS		50 SELKIRK ST VANIER ON K1L 6M9	NE/166.6	1.00	36
23	EHS		399 to 411 North River Road Ottawa ON	S/169.9	0.85	36
23	RSC	Les Terrasses Gabrielle Inc.	VACANT LOT AND NO MUNICIPAL ADDRESS IS ASSIGNED TO IT, OTTAWA ON	S/169.9	0.85	36
24	CA	3182657 Canada Inc.	373 Marguerite Avenue Ottawa ON	ESE/170.0	0.78	37
24	EBR	3182657 Canada Inc.	373 Marguerite Avenue Ottawa ON K1L 7W4	ESE/170.0	0.78	37
24	SPL	1414783 Ontario Ltd.	373 Marguerite Avenue Ottawa ON K1L 7W4	ESE/170.0	0.78	37
25	GEN	1070481 ONT INC	9 Stevens Avenue Ottawa ON K1K 1K4	SSE/175.7	0.43	38
25	HINC		9 STEVENS AVENUE Ottawa ON	SSE/175.7	0.43	38
26	WWIS		ON	SE/176.9	0.51	38
27	GEN	UNIFIRST CANADA LTD.	381 MARGUERITE AVENUE VANIER ON K1L 7W4	ESE/177.9	0.36	39
27	GEN	MODERN CLEANING SERV OTTAWA LTD	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE/177.9	0.36	39
27	GEN	MODERN CLEANING SERV OTTAWA LTD 27-042	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE/177.9	0.36	39
27	GEN	MODERN CLEANING SERV OTTAWA LTD.	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE/177.9	0.36	40

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
27	GEN	MODERN CLEANING SERVICE OTTAWA LIMITED	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE/177.9	0.36	40
28	WWIS		ON	SE/180.9	0.62	40
28	WWIS		ON	SE/180.9	0.62	40
29	WWIS		Ottawa ON	ESE/182.0	0.55	41
30	EXP	PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON	ENE/190.8	0.85	41
30	EXP	PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE/190.8	0.85	42
30	EXP	PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE/190.8	0.85	42
30	EXP	PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE/190.8	0.85	42
30	EXP	PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON	ENE/190.8	0.85	42
31	WWIS		Ottawa ON	ESE/198.8	0.97	42
32	HINC		NORTH RIVER ROAD & STEVENS AVENUE OTTAWA ON	S/202.2	0.88	43
33	PRT	SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA	350 MONTGOMERY ST VANIER ON K1L7X2	ENE/202.3	0.78	44
34	WWIS		Ottawa ON	E/206.7	1.24	44
35	GEN	PARKER CLEAN	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE/215.2	1.35	44
35	GEN	PARKER CLEAN (OUT OF BUSINESS)	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE/215.2	1.35	45
35	GEN	PARKER CLEAN (OUT OF BUSINESS) 30-076	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE/215.2	1.35	45
36	GEN	Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE/226.4	0.66	45
36	GEN	Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE/226.4	0.66	46
36	GEN	Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE/226.4	0.66	46
36	GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	307, rue Montgomery Ottawa ON	NNE/226.4	0.66	47
36	GEN	Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE/226.4	0.66	48
36	GEN	CONSEIL DES ECOLES PUBLIQUES	L'ALTERNATIVE 307, RUE MONTGOMERY VANIER ON K1L 7W8	NNE/226.4	0.66	48
36	GEN	CONSEIL DES ECOLES PUBLIQUES	ECOLE SECONDAIRE L'ALTERNATIVE 307 RUE MONTGOMERY VANIER ON K1L 7W8	NNE/226.4	0.66	49

<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>
36	GEN	Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON K1L 7W8	NNE/226.4	0.66	49
37	HINC		91 SELKIRK STREET VANIER ON K1L 6M6	NE/232.4	1.32	49
38	WWIS		ON	SE/234.7	1.33	50

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Aug 2011 has found that there are 1 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	NW	115.29	12

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 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>
SAMIR C. JARWAN	361 RIVER ROAD VANIER CITY ON	W	68.06	6
GARDEN ORCHARD FARMS	29 SELKIRK STREET VANIER CITY ON K1L 6N1	N	158.67	18
3182657 Canada Inc.	373 Marguerite Avenue Ottawa ON	ESE	169.96	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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EBR - Environmental Registry

A search of the EBR database, dated 1994-Jul 2014 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>
3182657 Canada Inc.	373 Marguerite Avenue Ottawa ON K1L 7W4	ESE	169.96	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 2013 has found that there are 7 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>
	10 McArthur Avenue Ottawa ON	WNW	37.83	2
	350 Mayfield Avenue and 50 Selkirk Street Ottawa ON	NE	151.66	16
	411 North River Road Ottawa ON	S	161.64	19
	50 SELKIRK ST VANIER ON K1L 6M9	NE	166.63	22
	399 to 411 North River Road Ottawa ON	S	169.87	23

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
	344 and 360 Dundas Street Ottawa ON	NNE	81.52	8
	3-33 Selkirk Street (Eastview Shopping Centre) Ottawa (Vanier) ON	N	148.25	15

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Current to May 2013 has found that there are 12 EXP 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>
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON	WSW	51.18	4
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L 8C2	WSW	51.18	4
PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON	ENE	190.80	30
PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE	190.80	30
PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE	190.80	30
PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON	ENE	190.80	30

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
PIONEER ENERGY MANAGEMENT INC.	350 MONTGOMERY ST VANIER ON K1L 7X2	ENE	190.80	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 2014 has found that there are 39 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>
Service Canada	333 North River Road Ottawa ON	NW	91.71	9
Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW	91.71	9
Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW	91.71	9
Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW	91.71	9
Human Resources and Skills Development Canada	333 North River Road Ottawa ON	NW	91.71	9
HEALTH AND WELFARE CANADA	333 RIVER ROAD HEALTH UNIT #39, 4TH FLOOR, TOWER A VANIER ON K1A 0K9	NW	91.71	9
BONA BUILDING & MANAGEMENT COMPANY LTD	SUITE 103 333 RIVER ROAD OTTAWA ON K1L 8B9	NW	91.71	9
HEALTH AND WELFARE CANADA	HEALTH UNIT #39, 4TH FLOOR, TOWER A 333 RIVER ROAD VANIER ON K1A 0K9	NW	91.71	9
GVT. OF CANADA-FOREIGN AFFARIS CANADA	333 RIVER ROAD, TOWER A 15TH FLOOR OTTAWA ON K1L 8B9	NW	91.71	9
GOVERNMENT OF CANADA	333 RIVER ROAD, TOWER A, 15TH FLOOR OTTAWA ON K1L 8B9	NW	91.71	9
BONA PROPERTY MANAGEMENT	333 RIVER ROAD OTTAWA ON K1L 8B9	NW	91.71	9
Human Resources and Skills Development Canada NCR Facilities Management	333 North River Road Ottawa ON K1A 0L1	NW	91.71	9
BONA BUILDING MANAGEMENT LTD. CO.	333 NORTH RIVER ROAD, SUITE 303 OTTAWA ON	NW	107.02	10
Tungasuvvingat Inuit Family Health Team	#300, 24 Selkirk St Ottawa ON	NNE	123.36	13

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
Tungasuvvingat Inuit Family Health Team	#300, 24 Selkirk St Ottawa ON	NNE	123.36	13
1070481 ONT INC	9 Stevens Avenue Ottawa ON K1K 1K4	SSE	175.75	25
UNIFIRST CANADA LTD.	381 MARGUERITE AVENUE VANIER ON K1L 7W4	ESE	177.93	27
MODERN CLEANING SERV OTTAWA LTD	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE	177.93	27
MODERN CLEANING SERV OTTAWA LTD 27-042	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE	177.93	27
MODERN CLEANING SERV OTTAWA LTD.	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE	177.93	27
MODERN CLEANING SERVICE OTTAWA LIMITED	381 MARGUERITE STREET VANIER ON K1L 7W4	ESE	177.93	27
PARKER CLEAN	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE	215.15	35
PARKER CLEAN (OUT OF BUSINESS)	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE	215.15	35
PARKER CLEAN (OUT OF BUSINESS) 30-076	A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	SE	215.15	35
Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON K1L 7W8	NNE	226.35	36
Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE	226.35	36
Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE	226.35	36
Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE	226.35	36
CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	307, rue Montgomery Ottawa ON	NNE	226.35	36
Ecole secondaire publique L'Alternative	307, rue Montgomery Ottawa ON	NNE	226.35	36
CONSEIL DES ECOLES PUBLIQUES	L'ALTERNATIVE 307, RUE MONTGOMERY VANIER ON K1L 7W8	NNE	226.35	36
CONSEIL DES ECOLES PUBLIQUES	ECOLE SECONDAIRE L'ALTERNATIVE 307 RUE MONTGOMERY VANIER ON K1L 7W8	NNE	226.35	36
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
TELESAT CANADA (OUT OF BUSINESS) 37-413	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N	33.24	1

TELESAT CANADA (OUT OF BUSINESS)	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N	33.24	1
TELESAT CANADA	LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	N	33.24	1
ROYAL CANADIAN GEOGRAPHICAL SCTY. 33-593	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE	108.15	11
ROYAL CANADIAN GEOGRAPHICAL SOCIETY	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE	108.15	11
ROYAL CANADIAN GEOGRAPHICAL SOCIETY	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE	108.15	11
ROYAL CANADIAN GEOGRAPHICAL SCTY.	39 MCARTHUR AVENUE VANIER ON K1L 8L7	NE	108.15	11

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009 has found that there are 3 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>
	9 STEVENS AVENUE Ottawa ON	SSE	175.75	25
	NORTH RIVER ROAD & STEVENS AVENUE OTTAWA ON	S	202.25	32
	91 SELKIRK STREET VANIER ON K1L 6M6	NE	232.36	37

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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INC - TSSA Incidents

A search of the INC database, dated June 2009-Apr 2013 has found that there are 1 INC 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>
	411 NORTH RIVER ROAD, OTTAWA ON	S	161.64	19

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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PES - Pesticide Register

A search of the PES database, dated 1988-Jun 2013 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>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
WOOLWORTH F W CO LTD 227	11 SELKIRK STREET OTTAWA ON	NNW	155.53	17

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT 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>
GILBERT CHARBONNEAU SERVICES LTD	361 RIVER RD VANIER ON K1L8C2	W	68.06	6
SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA	350 MONTGOMERY ST VANIER ON K1L7X2	ENE	202.29	33

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jun 2014 has found that there are 1 RSC 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>
Les Terrasses Gabrielle Inc.	VACANT LOT AND NO MUNICIPAL ADDRESS IS ASSIGNED TO IT, OTTAWA ON	S	169.87	23

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011 has found that there are 13 SCT 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>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
General Fire Protection Eqmt	30 McArthur Ave Vanier ON K1L 6R2	ENE	53.63	5
Oncozyme Pharma Inc.	38 McArthur Ave Suite 200 Vanier ON K1L 6R2	E	72.66	7
The Royal Canadian	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
Royal Canadian Geographical Society - Canadian Geographic	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11

Royal Cdn Geographical Soc	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
Royal Canadian Geographical Society - Géographica	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
Cdn Geographic - Royal Cdn	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
Royal Canadian Geographical Society	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
ROYAL CANADIAN GEOGRAPHICAL	39 MCARTHUR AVE VANIER ON K1L 8L7	NE	108.15	11
RCGS - GÉOGRAPHICA	39 MCARTHUR AVE VANIER ON K1L 8L7	NE	108.15	11
ROYAL CDN GEOGRAPHICAL SOCIETY	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
The Royal Canadian	39 McArthur Ave Vanier ON K1L 8L7	NE	108.15	11
ROYAL CANADIAN GEOGRAPHICAL	39 MCARTHUR AVE VANIER ON K1L 8L7	NE	108.15	11

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2014 has found that there are 3 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>
	opposite 7 Carlotta St. Ottawa ON	SW	39.87	3
GOODYEAR	52 MCARTHUR VEHICLE SERVICE CENTRE VANIER CITY ON K1L 6P9	E	163.73	21
1414783 Ontario Ltd.	373 Marguerite Avenue Ottawa ON K1L 7W4	ESE	169.96	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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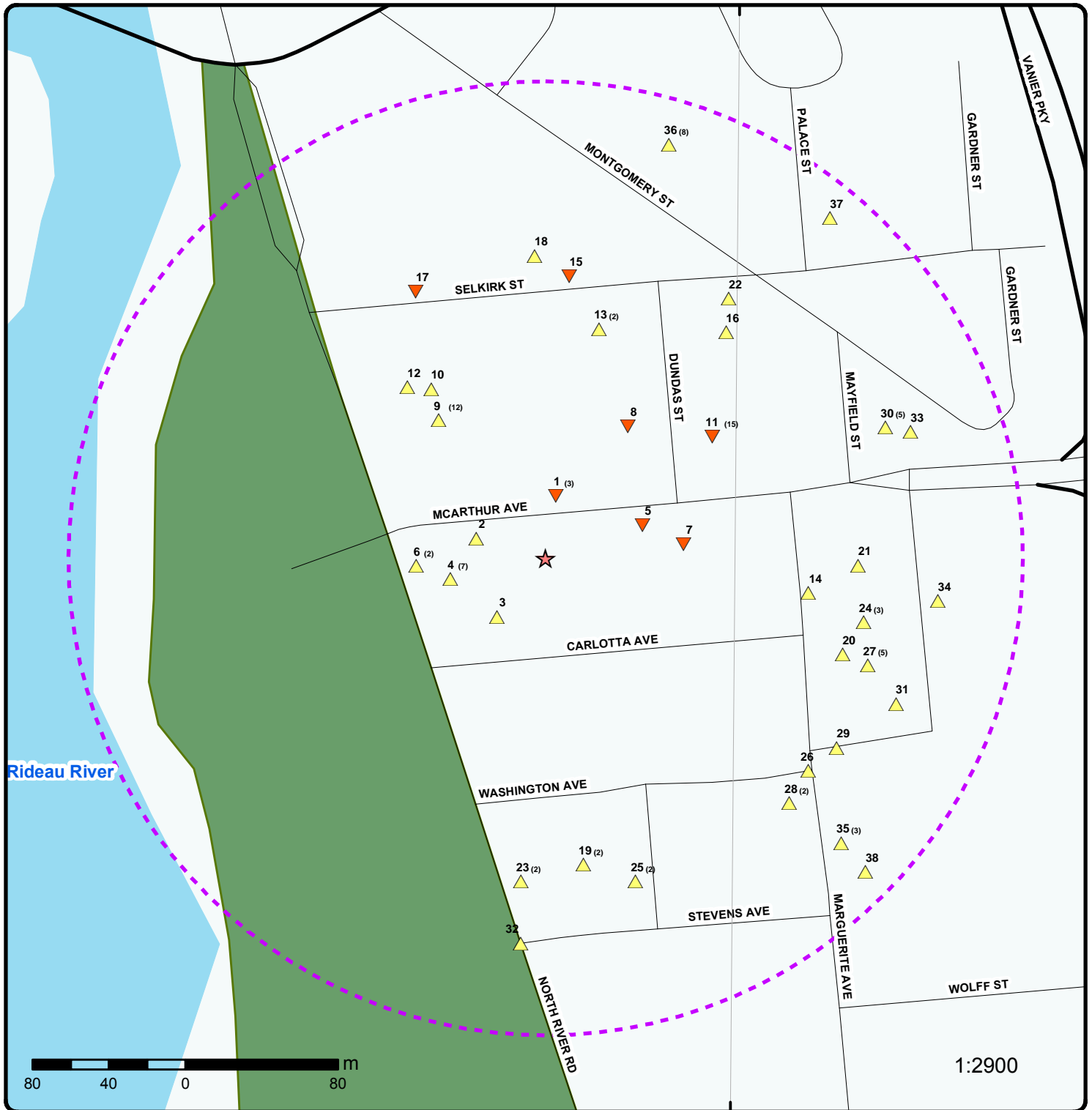
WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 9 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	E	138.73	14
	Ottawa ON	ESE	163.42	20
	ON	SE	176.92	26
	ON	SE	180.92	28

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
	ON	SE	180.92	28
	Ottawa ON	ESE	181.98	29
	Ottawa ON	ESE	198.75	31
	Ottawa ON	E	206.67	34
	ON	SE	234.66	38

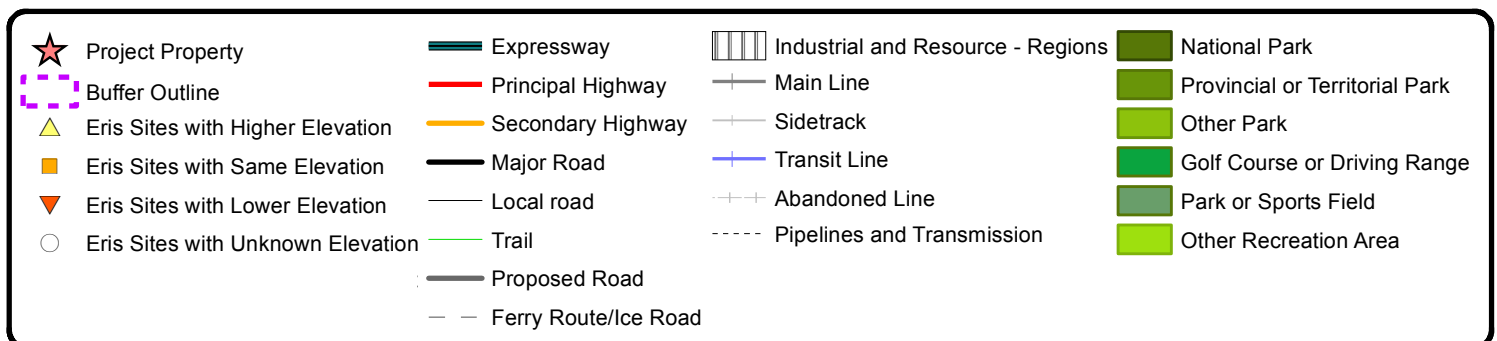
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
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Map

Order No: 20140812033

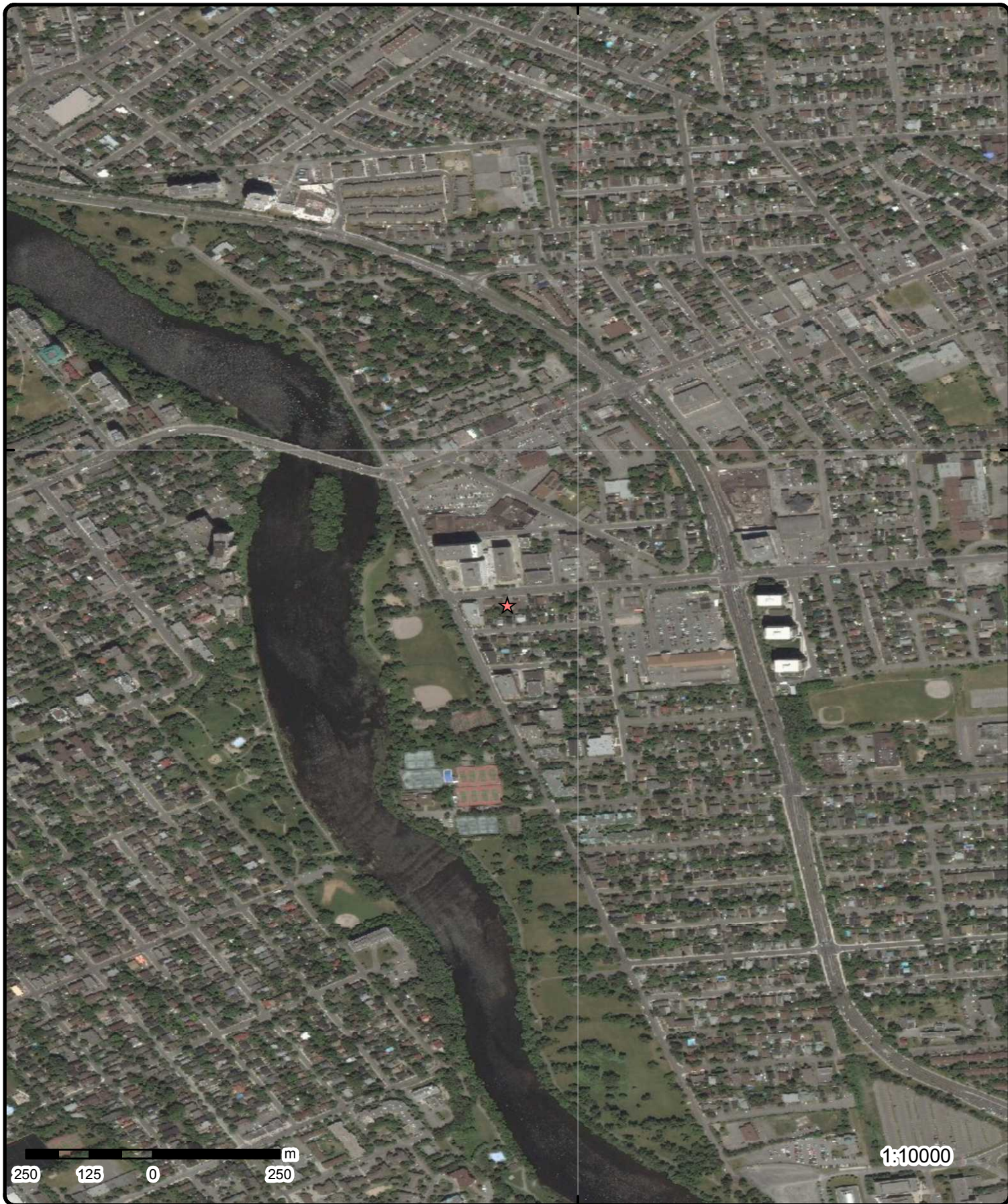
Address: 18 McArthur Ave, Ottawa, ON, K1L6R2



75°40'W

45°26'N

45°26'N



Aerial

Order No: 20140812033

Address: 18 McArthur Ave, Ottawa, ON, K1L6R2

Source: ESRI World Imagery, Updated December 2012

© Ecolog ERIS Ltd

Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<u>1</u>	1 of 3	<i>N/33.2</i>	<i>56.9</i>	TELESAT CANADA (OUT OF BUSINESS) 37-413 LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	GEN
SIC Code:		4839			
SIC Description:		OTHER TELECOMMUN.			
Generator #:		ON1113300			
Approval Yrs:		92,93,94,95,96,97,98			
<u>1</u>	2 of 3	<i>N/33.2</i>	<i>56.9</i>	TELESAT CANADA (OUT OF BUSINESS) LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	GEN
SIC Code:		4839			
SIC Description:		OTHER TELECOMMUN.			
Generator #:		ON1113300			
Approval Yrs:		89			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
<u>1</u>	3 of 3	<i>N/33.2</i>	<i>56.9</i>	TELESAT CANADA LOBBY TOWER "C" 25 MCARTHUR ROAD C/O 333 RIVER ROAD OTTAWA ON K1L 8B9	GEN
SIC Code:		4839			
SIC Description:		OTHER TELECOMMUN.			
Generator #:		ON1113300			
Approval Yrs:		88			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
<u>2</u>	1 of 1	<i>WNW/37.8</i>	<i>57.3</i>	10 McArthur Avenue Ottawa ON	EHS
Order No.:		20060208018			
Report Date:		2/17/2006			
Report Type:		Basic Report			
Search Radius (km):		0.25			
Addit. Info Ordered:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
3	1 of 1	SW/39.9	57.4	opposite 7 Carlotta St. Ottawa ON	SPL
Ref No.:		6011-85EUR9			
Incident Dt:		5/13/2010			
MOE Reported Dt:		PAINT AND PIGMENT WASTES			
Contaminant Name:		15 L			
Contaminant Quantity:		Source unknown - 15 L of paint to catch basin.			
Incident Summary:		Unknown			
Incident Cause:		Unknown - Reason not determined			
Incident Reason:					
Nature of Impact:					
Receiving Medium:					
Environmental Impact:		Not Anticipated			
4	1 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON K1L 8C2	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		9804388			
Instance Type:		FS Facility			
Status:		EXPIRED			
Description:					
4	2 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON	EXP
Instance ID:		63481			
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		11030673			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:		FS Liquid Fuel Tank			
4	3 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON K1L 8C2	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		11030697			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:					
4	4 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD	EXP

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
VANIER ON K1L 8C2					
Instance ID: TSSA Program Area: Maximum Hazard Rank: Instance Number: 11030688 Instance Type: FS Liquid Fuel Tank Status: EXPIRED Description:					
<u>4</u>	5 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON K1L 8C2	EXP
Instance ID: TSSA Program Area: Maximum Hazard Rank: Instance Number: 11030703 Instance Type: FS Liquid Fuel Tank Status: EXPIRED Description:					
<u>4</u>	6 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON	EXP
Instance ID: 63424 TSSA Program Area: Maximum Hazard Rank: Instance Number: 11030682 Instance Type: FS Liquid Fuel Tank Status: EXPIRED Description: FS Liquid Fuel Tank					
<u>4</u>	7 of 7	WSW/51.2	57.5	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON K1L 8C2	EXP
Instance ID: TSSA Program Area: Maximum Hazard Rank: Instance Number: 11030712 Instance Type: FS Liquid Fuel Tank Status: EXPIRED Description:					
<u>5</u>	1 of 1	ENE/53.6	56.8	General Fire Protection Eqmt 30 McArthur Ave Vanier ON K1L 6R2	SCT
Established: 01-SEP-56 Plant Size (ft²): Employment:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
SIC/NAICS Code:		416110			
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
+					
SIC/NAICS Code:		238220			
Description:		Plumbing, Heating and Air-Conditioning Contractors			
<u>6</u>	1 of 2	W/68.1	58.0	SAMIR C. JARWAN 361 RIVER ROAD VANIER CITY ON	CA
Certificate #:		8-4044-94-			
Application Year:		94			
Issue Date:		5/6/1994			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		RESTAURANT KITCHEN EXHAUST HOOD			
Contaminants:		Odour/Fumes			
Emission Control:		No Controls			
<u>6</u>	2 of 2	W/68.1	58.0	GILBERT CHARBONNEAU SERVICES LTD 361 RIVER RD VANIER ON K1L8C2	PRT
Location ID:		16169			
Type:		retail			
Expiry Date:		1992-03-31			
Capacity (L):		22481			
Licence #:		0055035001			
<u>7</u>	1 of 1	E/72.7	57.0	Oncozyme Pharma Inc. 38 McArthur Ave Suite 200 Vanier ON K1L 6R2	SCT
Established:					
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		325410			
Description:		Pharmaceutical and Medicine Manufacturing			
+					
SIC/NAICS Code:		541710			
Description:		Research and Development in the Physical, Engineering and Life Sciences			
<u>8</u>	1 of 1	NNE/81.5	56.8	344 and 360 Dundas Street Ottawa ON	EHS
Order No.:		20101015028			
Report Date:		10/22/2010			
Report Type:		Custom Report			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Search Radius (km):		0.25			
Addit. Info Ordered:					
9	1 of 12	NW/91.7	58.4	Service Canada 333 North River Road Ottawa ON	GEN
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
Generator #:		ON5513065			
Approval Yrs:		06			
--- Details ---					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
9	2 of 12	NW/91.7	58.4	Human Resources and Skills Development Canada 333 North River Road Ottawa ON	GEN
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
Generator #:		ON5513065			
Approval Yrs:		2011			
--- Details ---					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
9	3 of 12	NW/91.7	58.4	Human Resources and Skills Development Canada 333 North River Road Ottawa ON	GEN
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
Generator #:		ON5513065			
Approval Yrs:		2009			
--- Details ---					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		121			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
9	4 of 12	NW/91.7	58.4	Human Resources and Skills Development Canada 333 North River Road Ottawa ON	GEN
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
Generator #:		ON5513065			
Approval Yrs:		2010			
--- Details ---					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
9	5 of 12	NW/91.7	58.4	Human Resources and Skills Development Canada 333 North River Road Ottawa ON	GEN
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
Generator #:		ON5513065			
Approval Yrs:		2012			
--- Details ---					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
9	6 of 12	NW/91.7	58.4	HEALTH AND WELFARE CANADA 333 RIVER ROAD HEALTH UNIT #39, 4TH FLOOR, TOWER A VANIER ON K1A 0K9	GEN
SIC Code:		8635			
SIC Description:		PUB. HEALTH CLINICS			
Generator #:		ON0095623			
Approval Yrs:		98,99,00,01			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<u>9</u>	7 of 12	NW/91.7	58.4	BONA BUILDING & MANAGEMENT COMPANY LTD SUITE 103 333 RIVER ROAD OTTAWA ON K1L 8B9	GEN
<p>SIC Code:</p> <p>SIC Description:</p> <p>Generator #: ON2686500</p> <p>Approval Yrs: 02,03,04</p> <p>--- Details ---</p> <p>Waste Code: 213</p> <p>Waste Description: PETROLEUM DISTILLATES</p>					
<u>9</u>	8 of 12	NW/91.7	58.4	HEALTH AND WELFARE CANADA HEALTH UNIT #39, 4TH FLOOR, TOWER A 333 RIVER ROAD VANIER ON K1A 0K9	GEN
<p>SIC Code: 8635</p> <p>SIC Description: PUB. HEALTH CLINICS</p> <p>Generator #: ON0095623</p> <p>Approval Yrs: 92,93,97</p> <p>--- Details ---</p> <p>Waste Code: 312</p> <p>Waste Description: PATHOLOGICAL WASTES</p>					
<u>9</u>	9 of 12	NW/91.7	58.4	GVT. OF CANADA-FOREIGN AFFAIRS CANADA 333 RIVER ROAD, TOWER A 15TH FLOOR OTTAWA ON K1L 8B9	GEN
<p>SIC Code: 8141</p> <p>SIC Description: FOREIGN AFFAIRS</p> <p>Generator #: ON1949400</p> <p>Approval Yrs: 94,95,96,97,98</p> <p>--- Details ---</p> <p>Waste Code: 148</p> <p>Waste Description: INORGANIC LABORATORY CHEMICALS</p>					
<u>9</u>	10 of 12	NW/91.7	58.4	GOVERNMENT OF CANADA 333 RIVER ROAD, TOWER A, 15TH FLOOR OTTAWA ON K1L 8B9	GEN
<p>SIC Code: 8141</p> <p>SIC Description: FOREIGN AFFAIRS</p> <p>Generator #: ON1949400</p> <p>Approval Yrs: 99,00,01</p> <p>--- Details ---</p> <p>Waste Code: 148</p> <p>Waste Description: INORGANIC LABORATORY CHEMICALS</p>					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
9	11 of 12	NW/91.7	58.4	BONA PROPERTY MANAGEMENT 333 RIVER ROAD OTTAWA ON K1L 8B9	GEN
SIC Code:		7512			
SIC Description:		NON-RES. BLDG. OPER.			
Generator #:		ON2686500			
Approval Yrs:		01			
--- Details ---					
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
9	12 of 12	NW/91.7	58.4	Human Resources and Skills Development Canada NCR Facilities Management 333 North River Road Ottawa ON K1A 0L1	GEN
SIC Code:					
SIC Description:					
Generator #:		ON5513065			
Approval Yrs:		As of April 2014			
--- Details ---					
Waste Code:		112			
Waste Description:		Acid solutions - containing heavy metals			
+					
Waste Code:		121			
Waste Description:		Alkaline slutions - containing heavy metals			
+					
Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
10	1 of 1	NW/107.0	58.6	BONA BUILDING MANAGEMENT LTD. CO. 333 NORTH RIVER ROAD, SUITE 303 OTTAWA ON	GEN
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
Generator #:		ON4373496			
Approval Yrs:		2012			
11	1 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL SCTY. 33-593 39 MCARTHUR AVENUE	GEN

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
VANIER ON K1L 8L7					
SIC Code:		2841			
SIC Description:		NEWSPAPER, ETC. IND.			
Generator #:		ON0880301			
Approval Yrs:		92,93,94,95,96,97,98			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
11	2 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL SOCIETY 39 MCARTHUR AVENUE VANIER ON K1L 8L7	GEN
SIC Code:		2841			
SIC Description:		NEWSPAPER, ETC. IND.			
Generator #:		ON0880301			
Approval Yrs:		04			
11	3 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL SOCIETY 39 MCARTHUR AVENUE VANIER ON K1L 8L7	GEN
SIC Code:		2841			
SIC Description:		NEWSPAPER, ETC. IND.			
Generator #:		ON0880301			
Approval Yrs:		99,00,01,03			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
11	4 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL SCTY. 39 MCARTHUR AVENUE VANIER ON K1L 8L7	GEN
SIC Code:		2841			
SIC Description:		NEWSPAPER, ETC. IND.			
Generator #:		ON0880301			
Approval Yrs:		89,90			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
11	5 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL 39 MCARTHUR AVE VANIER ON K1L 8L7	SCT
Established:		1929			
Plant Size (ft²):		0			
Employment:		32			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
11	6 of 15	NE/108.1	57.0	RCGS - GÉOGRAPHICA 39 MCARTHUR AVE VANIER ON K1L 8L7	SCT
Established:		1929			
Plant Size (ft²):		0			
Employment:		32			
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
11	7 of 15	NE/108.1	57.0	ROYAL CDN GEOGRAPHICAL SOCIETY 39 McArthur Ave Vanier ON K1L 8L7	SCT
Established:		1929			
Plant Size (ft²):		0			
Employment:		45			
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
11	8 of 15	NE/108.1	57.0	The Royal Canadian 39 McArthur Ave Vanier ON K1L 8L7	SCT
Established:		1929			
Plant Size (ft²):		0			
Employment:		45			
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
+					
SIC/NAICS Code:		813910			
Description:		Business Associations			
11	9 of 15	NE/108.1	57.0	ROYAL CANADIAN GEOGRAPHICAL 39 MCARTHUR AVE VANIER ON K1L 8L7	SCT
Established:		1929			
Plant Size (ft²):		0			
Employment:		32			
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
11	10 of 15	NE/108.1	57.0	The Royal Canadian 39 McArthur Ave	SCT

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Vanier ON K1L 8L7					
				<i>Established:</i>	1929
				<i>Plant Size (ft²):</i>	
				<i>Employment:</i>	45
<i>--- Details ---</i>					
				<i>SIC/NAICS Code:</i>	511120
				<i>Description:</i>	Periodical Publishers
11	11 of 15	NE/108.1	57.0	Royal Canadian Geographical Society - Canadian Geographic 39 McArthur Ave Vanier ON K1L 8L7	SCT
				<i>Established:</i>	1929
				<i>Plant Size (ft²):</i>	
				<i>Employment:</i>	45
<i>--- Details ---</i>					
				<i>SIC/NAICS Code:</i>	511120
				<i>Description:</i>	Periodical Publishers
11	12 of 15	NE/108.1	57.0	Royal Cdn Geographical Soc 39 McArthur Ave Vanier ON K1L 8L7	SCT
				<i>Established:</i>	1935
				<i>Plant Size (ft²):</i>	
				<i>Employment:</i>	50
<i>--- Details ---</i>					
				<i>SIC/NAICS Code:</i>	511120
				<i>Description:</i>	Periodical Publishers
11	13 of 15	NE/108.1	57.0	Royal Canadian Geographical Society - Géographica 39 McArthur Ave Vanier ON K1L 8L7	SCT
				<i>Established:</i>	1929
				<i>Plant Size (ft²):</i>	
				<i>Employment:</i>	32
<i>--- Details ---</i>					
				<i>SIC/NAICS Code:</i>	511120
				<i>Description:</i>	Periodical Publishers
11	14 of 15	NE/108.1	57.0	Cdn Geographic - Royal Cdn 39 McArthur Ave Vanier ON K1L 8L7	SCT
				<i>Established:</i>	1929
				<i>Plant Size (ft²):</i>	
				<i>Employment:</i>	40
<i>--- Details ---</i>					
				<i>SIC/NAICS Code:</i>	511120
				<i>Description:</i>	Periodical Publishers
11	15 of 15	NE/108.1	57.0	Royal Canadian Geographical Society 39 McArthur Ave Vanier ON K1L 8L7	SCT

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Established:		1929			
Plant Size (ft²):					
Employment:		32			
<u>12</u>	1 of 1	NW/115.3	58.7	ON	BORE
Borehole ID:	613595			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	447681.000			Northing:	5031092.000
Location Accuracy:				Orig. Ground Elev m:	55.799999
Elev. Reliability Note:				DEM Ground Elev m:	56
Total Depth m:	8.500000			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	1964-NOV			Static Water Level:	
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218395764			Top Depth m:	3.500000
Bottom Depth m:	4.500000			Stratum Desc:	BEDROCK. WEATHERED.
+					
Stratum ID:	218395765			Top Depth m:	4.500000
Bottom Depth m:	5.300000			Stratum Desc:	BEDROCK.
+					
Stratum ID:	218395766			Top Depth m:	5.300000
Bottom Depth m:	6.200000			Stratum Desc:	BEDROCK.
+					
Stratum ID:	218395767			Top Depth m:	6.200000
Bottom Depth m:	7.900000			Stratum Desc:	BEDROCK. WEATHERED.
+					
Stratum ID:	218395768			Top Depth m:	7.900000
Bottom Depth m:	8.500000			Stratum Desc:	BEDROCK. .00133 045 00153 050 00173 060 0 020 00075 012 00100 009
+					
Stratum ID:	218395761			Top Depth m:	0
Bottom Depth m:	1.500000			Stratum Desc:	ARTIFICIAL.
+					
Stratum ID:	218395762			Top Depth m:	1.500000
Bottom Depth m:	2.300000			Stratum Desc:	UNSPECIFIED. DENSE.
+					
Stratum ID:	218395763			Top Depth m:	2.300000
Bottom Depth m:	3.500000			Stratum Desc:	TILL.
<u>13</u>	1 of 2	NNE/123.4	57.5	Tungasuvvingat Inuit Family Health Team #300, 24 Selkirk St Ottawa ON	GEN

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
SIC Code:		621110			
SIC Description:					
Generator #:		ON9357378			
Approval Yrs:		2011			
13	2 of 2	NNE/123.4	57.5	Tungasuvvingat Inuit Family Health Team #300, 24 Selkirk St Ottawa ON	GEN
SIC Code:					
SIC Description:					
Generator #:		ON9357378			
Approval Yrs:		As of April 2014			
--- Details ---					
Waste Code:		312			
Waste Description:		Pathological wastes			
+					
Waste Code:		261			
Waste Description:		Pharmaceuticals			
14	1 of 1	E/138.7	57.4	ON	WWIS
Well ID:		7201641		Lot:	
Concession:				Concession Name:	
County:		OTTAWA-CARLETON		Municipality: OTTAWA CITY	
Easting Nad83:		447891		Northing Nad83: 5030984	
Zone:		18		Utm Reliability: margin of error : 30 m - 100 m	
Primary Water Use:				Construction Date: 03-APR-13	
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
				Casing Material:	
15	1 of 1	N/148.2	56.8	3-33 Selkirk Street (Eastview Shopping Centre) Ottawa (Vanier) ON	EHS
Order No.:		20050725015			
Report Date:		8/2/2005			
Report Type:		Custom Report			
Search Radius (km):		0.25			
Addit. Info Ordered:					
16	1 of 1	NE/151.7	57.3	350 Mayfield Avenue and 50 Selkirk Street Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Order No.: 20101019022 Report Date: 10/25/2010 Report Type: Custom Report Search Radius (km): 0.25 Addit. Info Ordered:					
17	1 of 1	NNW/155.5	57.1	WOOLWORTH F W CO LTD 227 11 SELKIRK STREET OTTAWA ON	PES
Licence No.: Licence Type: Vendor					
18	1 of 1	N/158.7	57.7	GARDEN ORCHARD FARMS 29 SELKIRK STREET VANIER CITY ON K1L 6N1	CA
Certificate #: 8-4106-95- Application Year: 95 Issue Date: 6/8/1995 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: INSTALL BAKERY OVEN EXHAUST Contaminants: Nitrogen Oxides, Odour/Fumes Emission Control: No Controls					
19	1 of 2	S/161.6	57.3	411 North River Road Ottawa ON	EHS
Order No.: 20100628005 Report Date: 7/6/2010 Report Type: Custom Report Search Radius (km): 0.25 Addit. Info Ordered:					
19	2 of 2	S/161.6	57.3	411 NORTH RIVER ROAD, OTTAWA ON	INC
Incident ID: 2415038 Incident Number: 263678 SR Type: FS-Incident Status Code: Causal Analysis Complete Summary: 411 NORTH RIVER ROAD, OTTAWA - FIRE Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Approx. Quant. Rel.:					
Equipment Model:		MT112-600			
Serial No:		329940710			
Residential App. Type:		Not applicable			
Commercial App. Type:		Other (specify using comments)			
Industrial App. Type:		Not applicable			
Institutional App. Type:		Not applicable			
Venting Type:		Un-vented			
Vent Connector Mater.:		None			
Vent Chimney Mater.:		Not applicable			
Notes:		Indirect-Fired Air Make Up Unit.			
Pipeline Type:					
Pipeline Involved:					
Pipe Material:					
Depth Ground Cover:					
Regulator Location:					
Regulator Type:					
Operation Pressure:					
Pipeline Notes:					
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Equipment Type:					
Cylinder Capacity:					
Cylinder Capac. Units:					
Cylinder Material Type:					
Tank Capacity:					
Tank Material Type:					
Tank Storage Type:					
Tank Location Type:					
Pump Flow Rate Capac.:					
Liquid Prop Notes:					

20	1 of 1	ESE/163.4	57.9	Ottawa ON	WWIS
Well ID:		7208648		Lot:	
Concession:				Concession Name:	
County:		OTTAWA-CARLETON		Municipality:	
Easting Nad83:		447909		Northing Nad83:	
Zone:		18		Utm Reliability:	
Primary Water Use:		Monitoring and Test Hole		Construction Date:	
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	
Construction Method:		Air Percussion		Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	
--- Details ---				Original Depth:	
Thickness:		BLACK		Material:	
Material Colour:		GRAVEL, , HARD			
+					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Thickness:	BROWN			Original Depth:	1.82 m
Material Colour:	SAND, GRAVEL, LOOSE			Material:	1.51 m
+					
Thickness:	GREY			Original Depth:	3.1 m
Material Colour:	FILL, HARD			Material:	1.28 m
+					
Thickness:	BLACK			Original Depth:	7.92 m
Material Colour:	SHALE, , LAYERED			Material:	4.82 m

21	1 of 1	E/163.7	57.9	GOODYEAR 52 MCARTHUR VEHICLE SERVICE CENTRE VANIER CITY ON K1L 6P9	SPL
Ref No.:	53826				
Incident Dt:	7/10/1991				
MOE Reported Dt:	7/10/1991				
Contaminant Name:					
Contaminant Quantity:					
Incident Summary:	GOODYEAR-100 L WASTE OIL TO PAVEMENT & CATCHBASIN				
Incident Cause:	CONTAINER OVERFLOW				
Incident Reason:	ERROR				
Nature of Impact:					
Receiving Medium:	LAND				
Environmental Impact:	NOT ANTICIPATED				

22	1 of 1	NE/166.6	58.3	50 SELKIRK ST VANIER ON K1L 6M9	EHS
Order No.:	20060328006				
Report Date:	4/5/2006				
Report Type:	Custom Report				
Search Radius (km):	0.25				
Addit. Info Ordered:					

23	1 of 2	S/169.9	58.1	399 to 411 North River Road Ottawa ON	EHS
Order No.:	20100423014				
Report Date:	4/28/2010				
Report Type:	Standard Report				
Search Radius (km):	0.25				
Addit. Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

23	2 of 2	S/169.9	58.1	Les Terrasses Gabrielle Inc. VACANT LOT AND NO MUNICIPAL ADDRESS IS ASSIGNED TO IT, OTTAWA ON	RSC
Date Submitted:	19-Jun-06				
Date Acknowledg.:					
Date Returned:					
Certification Date:	16-Dec-05				

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Soil Type:					
Restoration Type:					
Registration #:	3345				
Stratified (Y/N):					
Criteria:					
Consultant:					
District Office:	OTTAWA				
Intended Prop Use:	Residential				
Current Property Use:	Residential				
Certificate Prop Use #:	No CPU				
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use				
Legal Description:	ALL OF LOTS 1,2,12,13, AND PART OF LOTS 3 AND 14, PLAN 239 ALL BEING PARTS 1,4, AND 5, ON PLAN 4R-20690; RESERVING A RIGHT OF WAY FOR MAINTENANCE PURPOSES OVER PART 5, 4R-20690 IN FAVOUR OF THE OWNERS OF PARTS 2 AND 3, ON PLAN 4R-20690				
Prop. Identification #:					
Entire legal prop. (y/n):	Yes				
UTM Coordinates:	NAD83 43-552259-5030833 (converted from Latitude & Longitude)				
Latitude & Longitude:	45.42906500N 75.66806700E				
Accuracy Estimate:	2 to 5 meters				
Measurement Method:	Postal Code Matching				
CPU Issued Sect 1686:	No				

24	1 of 3	ESE/170.0	58.1	3182657 Canada Inc. 373 Marguerite Avenue Ottawa ON	CA
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Certificate #:	1817-5M7NXF				
Application Year:	2003				
Issue Date:	5/12/2003				
Approval Type:	Air				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

24	2 of 3	ESE/170.0	58.1	3182657 Canada Inc. 373 Marguerite Avenue Ottawa ON K1L 7W4	EBR
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Year:	2003				
EBR Registry No.:	IA03E0228				
Ministry Ref. No.:					
Type:	Instrument				
Instrument Type:	EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)				
Proposal Date:	2/20/03				
Location:	373 Marguerite Avenue,Ottawa, OntarioOttawa				
Proponent Address:	3182657 Canada Inc.373 Marguerite Avenue,Ottawa, Ontario, K1L 7W4				

24	3 of 3	ESE/170.0	58.1	1414783 Ontario Ltd.	SPL
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Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				373 Marguerite Avenue Ottawa ON K1L 7W4	
Ref No.:	2610-8ARBTF				
Incident Dt:					
MOE Reported Dt:	10/31/2010				
Contaminant Name:	SMOKE				
Contaminant Quantity:	0 other - see incident description				
Incident Summary:	Canadian Car Collision-Fire, smoke & runoff.				
Incident Cause:	Other Discharges				
Incident Reason:	Unknown - Reason not determined				
Nature of Impact:	Air Pollution; Surface Water Pollution				
Receiving Medium:					
Environmental Impact:	Possible				
25	1 of 2	SSE/175.7	57.7	1070481 ONT INC 9 Stevens Avenue Ottawa ON K1K 1K4	GEN
SIC Code:	623221				
SIC Description:	Residential Substance Abuse Facilities				
Generator #:	ON6691995				
Approval Yrs:	2010				
--- Details ---					
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
25	2 of 2	SSE/175.7	57.7	9 STEVENS AVENUE Ottawa ON	HINC
External File Num:	FS INC 0610-03075				
Date of Occurrence:	10/5/2006				
Fuel Occurrence Type:	Pipeline Strike				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	Yes				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:Yes Training:Yes Management:No Human Factors:No				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Ottawa				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
26	1 of 1	SE/176.9	57.8	ON	WWIS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Well ID:	7201643			Lot:	
Concession:				Concession Name:	
County:	OTTAWA-CARLETON			Municipality:	OTTAWA CITY
Easting Nad83:	447891			Northing Nad83:	5030891
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	26-MAR-13
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
				Casing Material:	

27	1 of 5	ESE/177.9	57.6	UNIFIRST CANADA LTD. 381 MARGUERITE AVENUE VANIER ON K1L 7W4	GEN
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
Generator #:	ON0260503				
Approval Yrs:	97,98,99,00,01				
--- Details ---					
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				

27	2 of 5	ESE/177.9	57.6	MODERN CLEANING SERV OTTAWA LTD 381 MARGUERITE STREET VANIER ON K1L 7W4	GEN
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
Generator #:	ON0323001				
Approval Yrs:	86,87,88,89,90				
--- Details ---					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				

27	3 of 5	ESE/177.9	57.6	MODERN CLEANING SERV OTTAWA LTD 27-042 381 MARGUERITE STREET VANIER ON K1L 7W4	GEN
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANER				
Generator #:	ON0323001				
Approval Yrs:	94,95,96				
--- Details ---					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	4 of 5	ESE/177.9	57.6	MODERN CLEANING SERV OTTAWA LTD. 381 MARGUERITE STREET VANIER ON K1L 7W4	GEN
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANER			
Generator #:		ON0323001			
Approval Yrs:		92,93,97			
--- Details ---					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
27	5 of 5	ESE/177.9	57.6	MODERN CLEANING SERVICE OTTAWA LIMITED 381 MARGUERITE STREET VANIER ON K1L 7W4	GEN
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANERS			
Generator #:		ON0323001			
Approval Yrs:		98,99,00,01			
--- Details ---					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
28	1 of 2	SE/180.9	57.9	ON	WWIS
Well ID:		7201640		Lot:	
Concession:				Concession Name:	
County:		OTTAWA-CARLETON		Municipality: OTTAWA CITY	
Easting Nad83:		447881		Northing Nad83: 5030874	
Zone:		18		Utm Reliability: margin of error : 30 m - 100 m	
Primary Water Use:				Construction Date: 03-APR-13	
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
				Casing Material:	
28	2 of 2	SE/180.9	57.9	ON	WWIS
Well ID:		7201642		Lot:	
Concession:				Concession Name:	
County:		OTTAWA-CARLETON		Municipality: OTTAWA CITY	
Easting Nad83:		447881		Northing Nad83: 5030874	
Zone:		18		Utm Reliability: margin of error : 30 m - 100 m	
Primary Water Use:				Construction Date: 26-MAR-13	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m):				Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n):	
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock:	
Water Type:				k: Casing Material:	

29	1 of 1	ESE/182.0	57.8	Ottawa ON	WWIS
Well ID:	7208647			Lot:	
Concession:				Concession Name:	
County:	OTTAWA-CARLETON			Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:	447906			Northing Nad83:	5030903
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring and Test Hole			Construction Date:	17-AUG-13
Sec. Water Use:				Well Depth:	7.92 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Monitoring and Test Hole
Construction Method:	Air Percussion			Flowing (y/n):	
Elevation (m):				Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	
				k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	BLACK			Original Depth:	.31 m
Material Colour:	GRAVEL, , HARD			Material:	.31 m
+					
Thickness:	BROWN			Original Depth:	1.82 m
Material Colour:	SAND, FILL, GRAVEL			Material:	1.51 m
+					
Thickness:	GREY			Original Depth:	3.66 m
Material Colour:	SILT, GRAVEL, SOFT			Material:	1.84 m
+					
Thickness:	BLACK			Original Depth:	7.92 m
Material Colour:	SHALE, , LAYERED			Material:	4.26 m

30	1 of 5	ENE/190.8	58.1	PIONEER ENERGY MANAGEMENT INC. 350 MONTGOMERY ST VANIER ON	EXP
Instance ID:	83981				
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:	11428574				
Instance Type:	FS Piping				

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Status:		EXPIRED			
Description:		FS Piping			
30	2 of 5	ENE/190.8	58.1	PIONEER ENERGY MANAGEMENT INC. 350 MONTGOMERY ST VANIER ON K1L 7X2	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		11305743			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:					
30	3 of 5	ENE/190.8	58.1	PIONEER ENERGY MANAGEMENT INC. 350 MONTGOMERY ST VANIER ON K1L 7X2	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		9805068			
Instance Type:		FS Facility			
Status:		EXPIRED			
Description:					
30	4 of 5	ENE/190.8	58.1	PIONEER ENERGY MANAGEMENT INC. 350 MONTGOMERY ST VANIER ON K1L 7X2	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		11030543			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:					
30	5 of 5	ENE/190.8	58.1	PIONEER ENERGY MANAGEMENT INC. 350 MONTGOMERY ST VANIER ON	EXP
Instance ID:		76764			
TSSA Program Area:					
Maximum Hazard Rank:					
Instance Number:		11305725			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:		FS Liquid Fuel Tank			
31	1 of 1	ESE/198.8	58.2		WWIS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Ottawa ON					
Well ID:	7208650			Lot:	
Concession:				Concession Name:	
County:	OTTAWA-CARLETON			Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:	447937			Northing Nad83:	5030926
Zone:	18			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring and Test Hole			Construction Date:	16-AUG-13
Sec. Water Use:				Well Depth:	7.92 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Monitoring and Test Hole
Construction Method:	Air Percussion			Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	Not stated
--- Details ---					
Thickness:	BLACK			Original Depth:	.31 m
Material Colour:	GRAVEL, , HARD			Material:	.31 m
+					
Thickness:	BROWN			Original Depth:	1.82 m
Material Colour:	SAND, GRAVEL, LOOSE			Material:	1.51 m
+					
Thickness:	GREY			Original Depth:	3.66 m
Material Colour:	SILT, GRAVEL, SOFT			Material:	1.84 m
+					
Thickness:	BLACK			Original Depth:	7.92 m
Material Colour:	SHALE, , LAYERED			Material:	4.26 m

32	1 of 1	S/202.2	58.1	NORTH RIVER ROAD & STEVENS AVENUE OTTAWA ON	HINC
External File Num:	FS INC 0611-04180				
Date of Occurrence:	11/13/2006				
Fuel Occurrence Type:	Pipeline Strike				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	No				
Property Damage:	Yes				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:Yes Training:No Management:Yes Human Factors:No				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Ottawa				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
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Approx. Quant. Unit:
Environmental Impact:

33	1 of 1	ENE/202.3	58.1	SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA 350 MONTGOMERY ST VANIER ON K1L7X2	PRT
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Location ID: 16163
Type: retail
Expiry Date: 1995-11-30
Capacity (L): 109200
Licence #: 0076419696

34	1 of 1	E/206.7	58.5	Ottawa ON	WWIS
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Well ID:	7208649	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:	447959	Northing Nad83:	5030980
Zone:	18	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring and Test Hole	Construction Date:	16-AUG-13
Sec. Water Use:		Well Depth:	7.92 m
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Monitoring and Test Hole
Construction Method:	Air Percussion	Flowing (y/n):	
Elevation (m):		Elevation Reliability:	

Depth to Bedrock:

Water Type:

--- Details ---

Thickness:	BLACK	Original Depth:	.31 m
Material Colour:	GRAVEL, , HARD	Material:	.31 m
+			
Thickness:	BROWN	Original Depth:	1.82 m
Material Colour:	SAND, GRAVEL, LOOSE	Material:	1.51 m
+			
Thickness:	GREY	Original Depth:	3.66 m
Material Colour:	SILT, GRAVEL, SOFT	Material:	1.84 m
+			
Thickness:	BLACK	Original Depth:	7.92 m
Material Colour:	SHALE, , LAYERED	Material:	4.26 m

35	1 of 3	SE/215.2	58.6	PARKER CLEAN A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	GEN
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SIC Code: 9721

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
SIC Description:		POWER LAUND./CLEANERS			
Generator #:		ON0415700			
Approval Yrs:		86,87,88,89			
--- Details ---					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
35	2 of 3	SE/215.2	58.6	PARKER CLEAN (OUT OF BUSINESS) A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	GEN
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANER			
Generator #:		ON0415700			
Approval Yrs:		90			
35	3 of 3	SE/215.2	58.6	PARKER CLEAN (OUT OF BUSINESS) 30-076 A CHAROD CORPORATION 411 MARGUERITE AVENUE VANIER ON K1L 7W4	GEN
SIC Code:		9721			
SIC Description:		POWER LAUND./CLEANER			
Generator #:		ON0415700			
Approval Yrs:		92,93,94,95,96,97,98			
36	1 of 8	NNE/226.4	57.9	Ecole secondaire publique L'Alternative 307, rue Montgomery Ottawa ON	GEN
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
Generator #:		ON4610795			
Approval Yrs:		2010			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

36	2 of 8	NNE/226.4	57.9	Ecole secondaire publique L'Alternative 307, rue Montgomery Ottawa ON	GEN
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
Generator #:		ON4610795			
Approval Yrs:		2011			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			

36	3 of 8	NNE/226.4	57.9	Ecole secondaire publique L'Alternative 307, rue Montgomery Ottawa ON	GEN
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
Generator #:		ON4610795			
Approval Yrs:		2009			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
			122		
				Waste Code:	
				Waste Description:	ALKALINE WASTES - OTHER METALS
				+	
			145		
				Waste Code:	
				Waste Description:	PAINT/PIGMENT/COATING RESIDUES
				+	
			146		
				Waste Code:	
				Waste Description:	OTHER SPECIFIED INORGANICS
				+	
			148		
				Waste Code:	
				Waste Description:	INORGANIC LABORATORY CHEMICALS
				+	
			212		
				Waste Code:	
				Waste Description:	ALIPHATIC SOLVENTS
				+	
			213		
				Waste Code:	
				Waste Description:	PETROLEUM DISTILLATES
				+	
			252		
				Waste Code:	
				Waste Description:	WASTE OILS & LUBRICANTS
				+	
			263		
				Waste Code:	
				Waste Description:	ORGANIC LABORATORY CHEMICALS
				+	
			264		
				Waste Code:	
				Waste Description:	PHOTOPROCESSING WASTES

36	4 of 8	NNE/226.4	57.9	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO 307, rue Montgomery Ottawa ON	GEN
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SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Generator #: ON4610795
Approval Yrs: 06,07,08

--- Details ---					
			213		
				Waste Code:	
				Waste Description:	PETROLEUM DISTILLATES
				+	
			122		
				Waste Code:	
				Waste Description:	ALKALINE WASTES - OTHER METALS
				+	
			252		
				Waste Code:	
				Waste Description:	WASTE OILS & LUBRICANTS
				+	
			212		
				Waste Code:	
				Waste Description:	ALIPHATIC SOLVENTS
				+	
			146		
				Waste Code:	
				Waste Description:	OTHER SPECIFIED INORGANICS
				+	
			145		
				Waste Code:	
				Waste Description:	PAINT/PIGMENT/COATING RESIDUES
				+	
			145		
				Waste Code:	
				Waste Description:	PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

36	5 of 8	NNE/226.4	57.9	Ecole secondaire publique L'Alternative 307, rue Montgomery Ottawa ON	GEN
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Generator #:	ON4610795				
Approval Yrs:	2012				
--- Details ---					
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
+					
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
+					
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
+					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
+					
Waste Code:	264				
Waste Description:	PHOTOPROCESSING WASTES				
+					
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
+					
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
+					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
+					
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				

36	6 of 8	NNE/226.4	57.9	CONSEIL DES ECOLES PUBLIQUES L'ALTERNATIVE 307, RUE MONTGOMERY VANIER ON K1L 7W8	GEN
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
Generator #:	ON1879411				
Approval Yrs:	94,95,96,97,98				
--- Details ---					
Waste Code:	243				
Waste Description:	PCB'S				

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
36	7 of 8	NNE/226.4	57.9	CONSEIL DES ECOLES PUBLIQUES ECOLE SECONDAIRE L'ALTERNATIVE 307 RUE MONTGOMERY VANIER ON K1L 7W8	GEN
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
Generator #:		ON1879411			
Approval Yrs:		99,00,01			
--- Details ---					
Waste Code:		243			
Waste Description:		PCB'S			
36	8 of 8	NNE/226.4	57.9	Ecole secondaire publique L'Alternative 307, rue Montgomery Ottawa ON K1L 7W8	GEN
SIC Code:					
SIC Description:					
Generator #:		ON4610795			
Approval Yrs:		As of April 2014			
--- Details ---					
Waste Code:		122			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
+					
Waste Code:		264			
Waste Description:		Photoprocessing wastes			
+					
Waste Code:		263			
Waste Description:		Misc. waste organic chemicals			
+					
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
+					
Waste Code:		252			
Waste Description:		Waste crankcase oils and lubricants			
+					
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
+					
Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
+					
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			
+					
Waste Code:		213			
Waste Description:		Petroleum distillates			
+					
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
37	1 of 1	NE/232.4	58.6	91 SELKIRK STREET VANIER ON K1L 6M6	HINC

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
External File Num:		FS INC 0712-07457			
Date of Occurrence:		11/15/2007			
Fuel Occurrence Type:		Leak			
Fuel Type Involved:		Fuel Oil			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Multi-unit Residential			
Service Interruptions:		No			
Property Damage:		No			
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:Yes Design:No Training:Yes Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Liquid Fuel			
Occurrence Type:		Incident			
Affiliation:		Member of the General Public			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					

[38](#)

1 of 1

SE/234.7

58.6

ON

WWIS

Well ID:	7201644	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:	447921	Northing Nad83:	5030838
Zone:	18	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:		Construction Date:	26-MAR-13
Sec. Water Use:		Well Depth:	
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		k:	
		Casing Material:	

Unplottable Summary

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	North River Road (between Wright Street and Montreal Road)	Ottawa ON	
CA	City of Ottawa	North River Road	Ottawa ON	
CA	City of Ottawa	North River Road (between Wright Street and Montreal Road)	Ottawa ON	
GEN	CONSEIL DES ECOLES PUBLIQUES	ECOLE ELEMENTAIRE PUBLIQUE CHARLOTTE-LEMIEUX, 2093, PROM. BEL-AIR	OTTAWA ON	K2C 0X2
GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	OTTAWA	OTTAWA ON	K1K 1L8
GEN	HEALTH AND WELFARE CANADA	SHIRLEY'S BAY (CRC) HEALTH UNIT #19 BUILDING #4, ROOM 100	OTTAWA ON	K2H 852
GEN	HEALTH AND WELFARE CANADA	SIR FREDERICK BANTING BLDG. HEALTH UNIT #34, ROOM 201	OTTAWA ON	K1A 0L3
GEN	CONSEIL DES ECOLES PUBLIQUES	ECOLE ELEMENTAIRE PUBLIQUE SERAPHIN-MARION, 22, RUE STEEL	GLOUCESTER ON	K1J 6R3
SPL	Public Works and Government Service Canada (PWGSC)		Ottawa ON	
SPL	Public Work Government Service Canada	Building #13 Du Chardon and Sorrel	Ottawa ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	

Unplottable Report

Site: City of Ottawa
North River Road (between Wright Street and Montreal Road) Ottawa ON

Database:
CA

Certificate #: 6915-6PVHAS
Application Year: 2006
Issue Date: 5/19/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
North River Road Ottawa ON

Database:
CA

Certificate #: 8030-6SQLMJ
Application Year: 2006
Issue Date: 8/22/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
North River Road (between Wright Street and Montreal Road) Ottawa ON

Database:
CA

Certificate #: 4665-6Q3GPK
Application Year: 2006
Issue Date: 5/28/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CONSEIL DES ECOLES PUBLIQUES
ECOLE ELEMENTAIRE PUBLIQUE CHARLOTTE-LEMIEUX, 2093, PROM. BEL-AIR OTTAWA ON K2C
0X2

Database:
GEN

SIC Code: 8511
SIC Description: ELEM./SECON. EDUC.
Generator #: ON1879408
Approval Yrs: 94,95,96,97,98

--- Details ---

Waste Code: 243
Waste Description: PCB'S

Site: CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO
OTTAWA OTTAWA ON K1K 1L8

Database:
GEN

SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Generator #: ON1477723
Approval Yrs: 04

Site: HEALTH AND WELFARE CANADA
SHIRLEY'S BAY (CRC) HEALTH UNIT #19 BUILDING #4, ROOM 100 OTTAWA ON K2H 852

Database:
GEN

SIC Code: 8635
SIC Description: PUB. HEALTH CLINICS
Generator #: ON0095614
Approval Yrs: 98

--- Details ---

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: HEALTH AND WELFARE CANADA
SIR FREDERICK BANTING BLDG. HEALTH UNIT #34, ROOM 201 OTTAWA ON K1A 0L3

Database:
GEN

SIC Code: 8635
SIC Description: PUB. HEALTH CLINICS
Generator #: ON0095621
Approval Yrs: 98

--- Details ---

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: CONSEIL DES ECOLES PUBLIQUES
ECOLE ELEMENTAIRE PUBLIQUE SERAPHIN-MARION, 22, RUE STEEL GLOUCESTER ON K1J 6R3

Database:
GEN

SIC Code: 8511
SIC Description: ELEM./SECON. EDUC.
Generator #: ON1879406
Approval Yrs: 94,95,96,97,98

--- Details ---

Waste Code: 243

Waste Description: PCB'S

Site: Public Works and Government Service Canada (PWGSC)
Ottawa ON

Database:
SPL

Ref No.: 3671-966N37
Incident Dt: 21-MAR-13
MOE Reported Dt: 26-MAR-13
Contaminant Name: MAGNESIUM CHLORIDE
Contaminant Quantity: 270 kg
Incident Summary: MacDonald Cartier Bridge:
Incident Cause: Collision/Accident
Incident Reason: Road Conditions
Nature of Impact: Surface Water Pollution
Receiving Medium:
Environmental Impact: Not Anticipated

Site: Public Work Government Service Canada
Building #13 Du Chardon and Sorrel Ottawa ON

Database:
SPL

Ref No.: 6556-8BWLK
Incident Dt:
MOE Reported Dt: 12/7/2010
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Quantity: 100 kg
Incident Summary: Canada Public Works: <100 kg R22 to Atm
Incident Cause: Other Discharges
Incident Reason:
Nature of Impact: Air Pollution
Receiving Medium:
Environmental Impact: Not Anticipated

Site: lot 7 ON

Database:
WWIS

Well ID:	1525154	Lot:	007
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	VANIER CITY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Not Used	Reliability:	
Sec. Water Use:		Construction Date:	07-AUG-90
Pump Rate:		Well Depth:	19 ft
Flow Rate:		Static Water Level:	
Specific Capacity:		Clear/Cloudy:	
Construction Method:	Air Percussion	Final Well Status:	Observation Wells
Elevation (m):		Flowing (y/n):	
Depth to Bedrock:	12	Elevation Reliability:	
Water Type:		Overburden/Bedrock:	Bedrock
		Casing	FRESH

Material:

--- Details ---

Thickness:	BROWN	Original Depth:	12 ft
Material Colour:	SAND, FILL, LOOSE	Material:	12 ft
+ Thickness:	BLACK	Original Depth:	19 ft
Material Colour:	SHALE, SOFT	Material:	7 ft

Site: lot 7 ON **Database:** WWIS

Well ID:	1528661	Lot:	007
Concession:		Concession Name:	LI
County:	OTTAWA-CARLETON	Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Municipal	Reliability:	
Sec. Water Use:		Construction Date:	23-JUN-95
Pump Rate:		Well Depth:	130 ft
Flow Rate:		Static Water Level:	
Specific Capacity:		Clear/Cloudy:	
Construction Method:	Not Known	Final Well Status:	
Elevation (m):		Flowing (y/n):	
Depth to Bedrock:	20	Elevation Reliability:	
Water Type:	Not stated	Overburden/Bedrock:	Bedrock
		Casing Material:	Not stated

--- Details ---

Thickness:	BROWN	Original Depth:	20 ft
Material Colour:	SAND, STONES	Material:	20 ft
+ Thickness:	GREY	Original Depth:	31 ft
Material Colour:	LIMESTONE, SHALE, LAYERED	Material:	11 ft
+ Thickness:	GREY	Original Depth:	110 ft
Material Colour:	LIMESTONE	Material:	79 ft
+ Thickness:	GREY	Original Depth:	130 ft
Material Colour:	LIMESTONE, STONES, LAYERED	Material:	20 ft

Site: lot 7 ON **Database:** WWIS

Well ID:	1524618	Lot:	007
Concession:		Concession	

County:	OTTAWA-CARLETON	Name:	
Easting Nad83:		Municipality:	OTTAWA CITY
Zone:	18	Northing Nad83:	
Primary Water Use:	Cooling And A/C	Utm	unknown UTM
Sec. Water Use:		Reliability:	
Pump Rate:		Construction Date:	13-JUN-90
Flow Rate:		Well Depth:	21 ft
Specific Capacity:		Static Water Level:	
Construction Method:	Air Percussion	Clear/Cloudy:	
Elevation (m):		Final Well Status:	Test Hole
Depth to Bedrock:	12	Flowing (y/n):	
Water Type:		Elevation Reliability:	
		Overburden/Bedrock:	Bedrock
		Casing Material:	FRESH
--- Details ---			
Thickness:	GREY	Original Depth:	12 ft
Material Colour:	SAND, FINE SAND	Material:	6 ft
+ Thickness:	BLACK	Original Depth:	21 ft
Material Colour:	SHALE, SOFT	Material:	9 ft
+ Thickness:	BROWN	Original Depth:	6 ft
Material Colour:	SAND, LOOSE	Material:	6 ft

Site:	lot 7 ON	Database:	WWIS
Well ID:	1522583	Lot:	007
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Domestic	Reliability:	
Sec. Water Use:		Construction Date:	13-AUG-88
Pump Rate:	20 GPM	Well Depth:	100 ft
Flow Rate:		Static Water Level:	20 ft
Specific Capacity:		Clear/Cloudy:	CLEAR
Construction Method:	Air Percussion	Final Well Status:	Water Supply
Elevation (m):		Flowing (y/n):	N
Depth to Bedrock:	69	Elevation Reliability:	
Water Type:	FRESH	Overburden/Bedrock:	Bedrock
		Casing Material:	FRESH, MINERIAL

Material:

--- Details ---

Thickness:	GREY	Original Depth:	100 ft
Material Colour:	SANDSTONE	Material:	31 ft
+			
Thickness:	GREY	Original Depth:	69 ft
Material Colour:	SAND, GRAVEL, PACKED	Material:	14 ft
+			
Thickness:	BROWN	Original Depth:	4 ft
Material Colour:	SAND, PACKED	Material:	4 ft
+			
Thickness:	BROWN	Original Depth:	13 ft
Material Colour:	CLAY, PACKED	Material:	9 ft
+			
Thickness:	BLUE	Original Depth:	55 ft
Material Colour:	CLAY	Material:	42 ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of all 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 Aug 2012

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-Jan 2014

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 all 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: 2001-Jun 2010

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-Aug 2011

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: 1948-Apr 2013

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: 1992, 1999-Jun 2010

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-Feb 2014

Certificates of Property Use:Provincial [CPU](#)

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

Government Publication Date: 1994-Jul 2014

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 MNM. 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-Jan 2014

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 31 2011-Jul 2014

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Jul 2014

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 CofA's 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 31, 2011-Feb 2014

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](#)

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

Government Publication Date: 1999-Mar 2013

Environmental Issues Inventory System:

Federal EIS

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 EIS 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**

List of TSSA Expired Facilities:

Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Current to May 2013

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 all 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: June 2000-Jul 2014

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all 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-Sept 2003

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: 2010-May 2013

Fuel Storage Tank - Historic:

Provincial FSTH

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: Pre-Jan 2010**

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Apr 2014

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 all 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: June 2009-Apr 2013

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: 2012

Canadian Mine Locations:

Private MINE

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

Government Publication Date: 1998-2009

Mineral Occurrences:

Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the planimetric (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-Apr 2013

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: 1994-2012

National Defence & Canadian Forces Fuel Tanks:

Federal NDFT

The Department of National Defence 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 Defence & Canadian Forces Spills:

Federal NDSP

The Department of National Defence 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 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 all 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. All federal out-of-service PCB containing equipment and all 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: 1993-2011

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-Jun 2014

Ontario Oil and Gas Wells:

Provincial [OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, well cap date, licence 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: 1800-2013

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

Orders:

Provincial [ORD](#)

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

Government Publication Date: 1994-Jul 2014

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 all 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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

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: June 2009-Mar 2012

Private and Retail Fuel Storage Tanks:

Provincial [PRT](#)

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

*Government Publication Date: 1989-1996**

Permit to Take Water:

Provincial [PTTW](#)

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

Government Publication Date: 1994-Jul 2014

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: 1986-2012

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-Jun 2014

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-Jun 2010

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 2014

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: 1990-2011

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

With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial VAR

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

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: 1970-Feb 2014

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: 1955-Mar 2014

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 were included as reference.



ATTACHMENT G

SITE PHOTOGRAPHS



Front (south facing) view of site



South portion of site