



**Phase One Environmental
Site Assessment
89 Richmond Road,
Ottawa, Ontario**

Client:

Mr. Mahendra Vaidya
648 Mansfield Avenue
Ottawa, Ontario K2A 2T6

Project Number:

OTT-00240343-A0

Prepared By: Scott Lessard, B. Sc.

Reviewed By: Shawn Doherty, P. Eng.

exp Services Inc.
100-2650 Queensview Drive
Ottawa, ON K2B 7H6 Canada

Type of Document:

Final

Date Submitted:

June 21, 2017

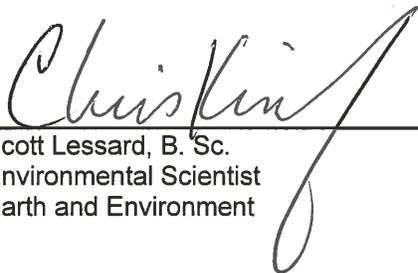
Phase One Environmental Site Assessment 89 Richmond Road, Ottawa, Ontario

Type of Document:
Final

Client:
Mr. Mahendra Vaidya
648 Mansfield Avenue
Ottawa, Ontario K2A 2T6

Project Number:
OTT-00240343-A0

Prepared By:
exp Services Inc.
100-2650 Queensview Drive
Ottawa, ON K2B 8H6
Canada
T: 613 688-1899
F: 613 225-7337
www.exp.com

for 

Scott Lessard, B. Sc.
Environmental Scientist
Earth and Environment



Shawn Doherty, P. Eng.
Senior Environmental Engineer
Earth and Environment

Date Submitted:
June 21, 2017

exp Services Inc.

*Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017*

Legal Notification

This report was prepared by **exp** Services Inc. for the account of **Mr. Mahendra Vaidya**.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. **Exp** Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

Executive Summary

Exp Services Inc. (**exp**) was retained by Mr. Mahendra Vaidya to complete a Phase One Environmental Site Assessment (ESA) of the property referred to as 89 Richmond Road, located in Ottawa, Ontario, herein referred to as the "Site." The purpose of this Phase One ESA was to determine if past or present site activities have resulted in actual or potential contamination at the Site. **Exp** understands that Mr. Vaidya is planning to redevelop the Site with a 3-storey mixed commercial/residential building. Consequently, this Phase One ESA will be used in support of the City of Ottawa Site Plan Approval permitting requirements and that a Record of Site Condition (RSC) is not required.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended by Ontario Regulation 511/09 (O.Reg. 153/04), and in accordance with generally accepted professional practices. Subject to this standard of care, **exp** makes no express or implied warranties regarding its services and no third party beneficiaries are intended. Limitation of liability, scope of report and third party reliance are outlined in Section 8 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

A written response from some regulatory agencies typically requires several months to receive. If upon receipt of the response from the regulatory agencies, significant environmental issues are identified, **exp** will forward their response to the client as an addendum to this report.

The Site consists of a 2-storey, mixed commercial/residential building located at 89 Richmond Road, Ottawa, Ontario. The ground floor consists of the commercial space and the second floor consists of residential space. The building has an approximate footprint of 115m². The Site is rectangular in shape, covers an area of approximately 370 m² (0.09 acres or 0.036 hectares) and is located on the northern side of Richmond Road between Island Park Drive and Patricia Avenue.

The property is legally described as Plan 400 Lot 83 Richmond Rd; N and the PIN is 040210110. No environmental concerns were identified based on the current site use. Prior to its current use, the site was vacant land and therefore no environmental concerns are suspected related to past site uses.

The surrounding area of the Site was observed to be developed with residential houses to the north, mixed commercial/residential buildings to the west and south, and a residential house following by a restaurant to the east. No environmentally sensitive activities or infrastructures that could present any environmental concerns to the Site were observed on the adjacent properties based on observations made from the boundaries of the Site. However, historical neighbouring uses included retail fuel outlets, dry cleaners and service stations which pose environmental concerns to the site.

Topographically, the Site is relatively flat with the northern section of the property sloping slightly northwards. The surrounding area has a slight downwards slope towards the north. The closest body of water is the Ottawa River, located approximately 1.2 kilometres northwest of the Site. The groundwater flow direction is inferred to be northwest towards the Ottawa River.

Due to the age of the building on the Site, it is considered likely that it may contain Designated Substances. Therefore, prior to demolition, a Designated Substance Survey (DSS) should be conducted for the building.

Based on the results of the Phase One ESA, the following information is provided in Table EX-1 in support of the Phase One QP's conclusion.

Table EX-1: Areas of Potential Environmental Concern

| Area of Potential Environmental Concern (APEC) | Potentially Contaminating Activity (PCA) | Location of PCA (On-Site or Off-Site) | Contribution to APEC at the Site (Yes/No) | Media Potentially Impacted (Groundwater, Soil and/or Sediment) | APEC Hazard Ranking (Low/Medium/High) |
|--|--|---------------------------------------|---|--|---------------------------------------|
| 1. Current automotive garage and former RFO (77 Richmond Road) operated between 1950s and 1980s | #27 – Garages and Maintenance #28 – Gasoline and Associated Products Storage in Fixed Tanks | 30 m east | Yes | Soil and groundwater: petroleum hydrocarbons (PHC) and benzene, toluene, ethylbenzene, xylene (BTEX) | High |
| 2. Former RFO located at 109/119 Richmond Road (now 101 Richmond Road) operated between the 1950s and 2000s | #28 – Gasoline and Associated Products Storage in Fixed Tanks | 50 m west | Yes | Soil and groundwater: PHC and BTEX | Medium |
| 3. Former automotive garage located at 72 Richmond Road operated between the 1950s and 2010s and spill in 1988 | #27 – Garages and Maintenance | 40 m east | Yes | Soil and groundwater: PHC and BTEX | High |
| 4. Former RFO located at 70 Richmond Road operated between 1940s and 1960s. Also formerly operated as an automotive garage between the 1960s and 2010s | #27 – Garages and Maintenance #28 – Gasoline and Associated Products Storage in Fixed Tanks | 65 m east | Yes | Soil and groundwater: PHC and BTEX | High |
| 5. Former dry cleaners located at 90 Richmond Road (now 98 Richmond Road) operated between 1969 and the early 1970s | #37 – Operation of Dry Cleaning Equipment | 30 m southeast | Yes | Groundwater: VOCs | Low |

To reduce the degree of uncertainty surrounding the environmental concerns identified during this Phase One ESA, a Phase Two ESA is recommended and the rationale for proposing such recommendations are provided below in Table EX-2.

Table EX-2: Issues Identified, Recommendations and Rationale

| Issue Identified | Recommendation | Rationale |
|--|---|--|
| Potential impacts in soil and groundwater from the off-site RFOs, automotive garages, spill and dry cleaner. | Advance three (3) to four (4) boreholes and install monitoring wells to collect soil and groundwater samples for PHC, BTEX and VOCs analyses. | To assess soil and groundwater conditions at the Site. |

Due to the age of the buildings on the Site, it is considered likely that they many contain Designated Substances. Therefore, prior to renovation or demolition, a Designated Substance Survey (DSS) should be conducted for the Site buildings.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

Table of Contents

| | |
|--|--------------|
| Legal Notification | EX-I |
| Executive Summary | EX-II |
| 1. Introduction | 1 |
| 1.1 Objective..... | 1 |
| 1.2 Phase I Property Information..... | 1 |
| 2. Scope of Investigation..... | 2 |
| 3. Records Review..... | 3 |
| 3.1 Phase I ESA Study Area Determination..... | 3 |
| 3.2 First Developed Use Determination | 3 |
| 3.3 Fire Insurance Plans..... | 3 |
| 3.4 Chain of Title..... | 3 |
| 3.5 Previous Reports | 3 |
| 3.6 Regulatory Environmental Source Information..... | 4 |
| 3.6.1 Ontario Ministry of the Environment and Climate Change Records | 5 |
| 3.6.2 Municipal Records | 5 |
| 3.7 Land Use Documents | 7 |
| 3.7.1 Old Landfill Management Strategy Phase 1 – Identification of Sites - Golder (2004)..... | 7 |
| 3.7.2 Inventory of Coal Gasification Plant Waste Sites in Ontario - Ontario MOE (1987)..... | 7 |
| 3.7.3 Mapping and Assess Former Industrial Sites – Intera (1988) | 7 |
| 3.7.4 Ontario Inventory of PCB Storage Sites - Ontario MOE (1993) | 7 |
| 3.8 EcoLog ERIS Database Search | 7 |
| 3.9 Physical Setting Review | 8 |
| 3.9.1 Aerial Photographs | 8 |
| 3.9.2 Geology, Hydrogeology and Topography | 9 |
| 3.9.3 Fill Materials..... | 10 |
| 3.9.4 Water Bodies and Areas of Natural Significance (ANSI)..... | 10 |
| 3.9.5 Well Records..... | 10 |
| 3.10 Site Operating Records | 10 |
| 3.11 Summary of Records Review | 10 |
| 4. Interviews..... | 11 |
| 5. Site Reconnaissance | 12 |
| 5.1 General Requirements | 12 |
| 5.2 Specific Observations at Phase I ESA Property..... | 12 |
| 5.2.1 Site Description and Buildings | 12 |
| 5.2.2 Heating and Cooling Systems | 12 |
| 5.2.3 Site Utilities and Services | 12 |

| | | |
|-----------|--|-----------|
| 5.2.4 | Site Use..... | 13 |
| 5.2.5 | Drains, Pits and Sumps | 13 |
| 5.2.6 | Storage Tanks..... | 13 |
| 5.2.7 | Chemical Storage and Handling and Floor Condition | 13 |
| 5.2.8 | Areas of Stained Soil, Pavement or Stressed Vegetation | 13 |
| 5.2.9 | Fill, Debris and Methane | 13 |
| 5.2.10 | Air Emissions | 13 |
| 5.2.11 | Odours | 14 |
| 5.2.12 | Noise | 14 |
| 5.2.13 | Special Attention Items, Hazardous Building Materials and Designated Substances | 14 |
| 5.2.14 | Processing and Manufacturing Operations..... | 17 |
| 5.2.15 | Hazardous Materials Use and Storage..... | 17 |
| 5.2.16 | Vehicle and Equipment Maintenance Areas..... | 17 |
| 5.2.17 | Oil/Water Separators | 17 |
| 5.2.18 | Sewage and Wastewater Disposal | 17 |
| 5.2.19 | Solid Waste Generation, Storage & Disposal..... | 17 |
| 5.2.20 | Liquid Waste Generation, Storage & Disposal | 17 |
| 5.2.21 | Unidentified Substances | 17 |
| 5.2.22 | Hydraulic Lift Equipment..... | 17 |
| 5.2.23 | Mechanical Equipment..... | 17 |
| 5.2.24 | Abandoned and Existing Wells | 17 |
| 5.2.25 | Roads, Parking Facilities and Right of Ways..... | 17 |
| 5.3 | Adjacent and Surrounding Properties | 18 |
| 5.4 | Summary of Site Reconnaissance | 18 |
| 6. | Review and Evaluation of Information | 19 |
| 6.1 | Current and Past Uses | 19 |
| 6.2 | Summary of Potentially Contaminating Activities | 19 |
| 6.3 | Areas of Potential Environmental Concern | 20 |
| 6.4 | Phase I ESA Conceptual Site Model..... | 20 |
| 6.4.1 | Subsurface Stratigraphy | 20 |
| 6.4.2 | Estimated Groundwater Flow Direction | 20 |
| 6.4.3 | Underground Utilities | 20 |
| 7. | Findings and Recommendations..... | 21 |
| 8. | References | 23 |
| 9. | Scope of Report, and Third Party Reliance | 24 |

List of Figures

Figure 1 – Site Location Plan
Figure 2 – Site Plan
Figure 3 – Conceptual Site Model

List of Appendices

Appendix A: Qualifications of Assessors
Appendix B: Figures
Appendix C: Title Search, Municipal & Provincial Records
Appendix D: EcoLog Reports
Appendix E: Site Photographs

1. Introduction

Exp Services Inc. (**exp**) was retained by Mr. Mahendra Vaidya to complete a Phase One Environmental Site Assessment (ESA) of the property referred to as 89 Richmond Road in Ottawa, Ontario, hereinafter referred to as the 'Site'. A site location plan is presented as Figure 1 in Appendix B. At the time of the investigation, the Site was owned by Ms. Lydia Wu and Mr. George Cai.

Owner Contact: Ms. Lydia Wu and Mr. George Cai
89 Richmond Road
Ottawa, Ontario K1Z 6V8

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended by Ontario Regulation 511/09 (O.Reg. 153/04), and in accordance with generally accepted professional practices. Subject to this standard of care, **exp** makes no express or implied warranties regarding its services and no third party beneficiaries are intended. The scope of report and third party reliance are outlined in Appendix A.

1.1 Objective

Exp understands that the Site is to be potentially redeveloped with a three (3)-storey mixed commercial/residential building with an underground parking garage. Consequently, the objective of this Phase One ESA was to identify potential sources of environmental concern to the subject property. **Exp** understands this Phase One ESA will be used for in support of the City of Ottawa Site Plan Approval permitting requirements and that a Record of Site Condition is not required.

1.2 Phase One Property Information

The Site consists of a 2-storey, mixed commercial/residential building located at 89 Richmond Road, Ottawa, Ontario. The ground floor consists of the commercial space and the second floor consists of residential space. The building has an approximate footprint of 115m². The Site is rectangular in shape, covers an area of approximately 370 m² (0.09 acres or 0.036 hectares) and is located on the northern side of Richmond Road between Island Park Drive and Patricia Avenue. A site plan is presented as Figure. 2 in Appendix B. The property is legally described as Plan 400 Lot 83 Richmond Rd; N and the PIN is 040210110.

At the time of the investigation, the property was developed as a 2-storey mixed commercial/residential building with a gravel parking area to the north and an asphalt driveway to the east of the building. The parking area is accessed via Richmond Road to the south. The property is municipally serviced by the City of Ottawa and neighboured by a mixed residential/commercial property to the west and multi-tenant residential properties to the north and east.

Topographically, the Site is relatively flat with the northern section of the property sloping slightly northwards. The surrounding area has a slight downwards slope towards the north. The closest body of water is the Ottawa River, located approximately 1.2 kilometres northwest of the Site.

Regional groundwater flow direction is inferred to be in the northwestern direction towards the Ottawa River. The approximate Universal Transverse Mercator (UTM) coordinates for the Site centroid is NAD83, Zone 18, 441800 m E, 5027309 m N. The UTM coordinates were based on an estimate derived using Google Earth™. The accuracy of the centroid is estimated to range from 5 to 50 m.

2. Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the site through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the site and surrounding properties within a 250 metre radius of the site;
- Reviewing available geological maps, well records and utility maps for the vicinity of the site;
- Obtaining a search of land title and assessment rolls for the site;
- Conducting at least one site reconnaissance of the site and building facilities in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated site representative(s) as a resource for current and historical site information, as well as to provide **exp** staff with unrestricted access to all areas of the site and site buildings (as required by O.Reg 153/04);
- Reviewing the current use of the site and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the site; and,
- Preparing a report to document the findings.

In completing the scope of work, **exp** did not conduct any intrusive investigations, including sampling, analyses, or monitoring.

Exp has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

Exp personnel who conducted assessment work for this project included Scott Lessard, B.Sc., and Shawn Doherty, P. Eng. An outline of their qualifications is provided in Appendix A.

3. Records Review

3.1 Phase One ESA Study Area Determination

The Phase One ESA study area consisted of the neighbourhood and extending a distance of 250 metres from the Site. Surrounding properties consist of mainly residential including single-family homes to the adjacent north, a low-rise mixed residential/commercial building to the adjacent west and a multi-tenant residential building following by commercial buildings to the adjacent east. There is a mixed residential/commercial building across Richmond Road to the south. It is noted that the Ottawa River is located approximately 1.2 km to the northwest of the site. A site plan is presented as Figure 2 in Appendix B.

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, chain of title for the property, historical maps, and other records review, it appears that the Site has been developed as residential in the early 1900s.

3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) was conducted to determine if fire insurance plans (FIPs) for the site existed. Fire insurance plans for the year 1956 was reviewed.

The FIP for 1956 shows the Site as developed with a 2-storey building with a similar footprint to the current building. There is a wooden private garage located on the northeast corner of the property. There is no indication of any storage tanks on the Site. The adjacent properties to the north, west and east are residential. There is a warehouse occupied by W.J. Bell Paper Co. Ltd. across Richmond Road to the south. Two (2) underground storage tanks (USTs) are visible next to a garage at 109 Richmond Road (corner Patricia Ave. – 50 m west) and two (2) USTs are visible at each of the retail fuel outlets (RFOs) located at 77 (30 m east) and 70 Richmond Road (65 m east). These properties are identified as areas of potential environmental concern (APECs) 2, 1 and 4, respectively.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Inc. for the subject site. Based on the information gathered from the title search, the following was found:

The last registered owner is Lydia Wu and George Cai. Ms. Wu and Mr. Cai have owned the property since 1987. Prior to that, it appears that the ownership / deeds of the land changed twelve (12) times dating back to 1866 and was limited to private ownership. The lone exception was ownership by an incorporated company named Archie McDonald Limited between 1977 and 1979. No notable environmental concerns were identified based on the title search.

Refer to Appendix C for the title search.

3.5 Previous Reports

The following reports were reviewed for the Site as part of the Phase One ESA:

- *Phase I and II Environmental Site Assessment, 93 Richmond Road, Ottawa, ON, dated August, 2004 prepared by Trow Associates Inc. (now exp Services Inc.).*

It is important to note that 93 Richmond Road is now identified as 101 Richmond Road. 93 Richmond Road was formerly located to the adjacent west of 89 Richmond Road.

The Phase I ESA identified potential environmental liability associated with four (4) offsite underground storage tanks (USTs) located along the western property boundary. It was reported that no USTs had ever existed on the 93 Richmond Road site. Trow Associates Inc. (Trow) recommended that a Phase II ESA be carried out at the 93 Richmond Road site to assess for potential contamination related to the off-site USTs.

The Phase II ESA included the drilling of three boreholes/monitoring wells, and the collection, screening and submission of one (1) worst case soil sample. The soil sample was analyzed for total petroleum hydrocarbons (TPH), gas/diesel and heavy oil. Three (3) groundwater samples were collected and analyzed for benzene, toluene, ethyl benzene, xylene (BTEX) and TPH (gas/diesel and heavy oil). Soil at the site consisted of fill varying in thickness from 0 to 0.6 metres, overlying the native till consisting of silty sand and gravel to a maximum drilled depth of 4.5 metres. Saturated soil conditions were observed in one borehole at a depth of approximately 3.0 metres below ground surface (mbgs). Groundwater flow was determined to be in the northwest direction. Based on the analytical results obtained, no exceedances of the applicable provincial assessment criteria were noted in the soil or groundwater samples for the parameters analyzed. No further environmental work was recommended.

- *Phase I Environmental Site Assessment, 70 Richmond Road, Ottawa, Ontario, dated March 25, 2015 prepared by Paterson Group.*

The Phase I provided by Mr. Vaidya indicated that the property located at 70 Richmond Road has historically been used an automotive service garage, used automotive sales lot and gasoline service station with two USTs. Several APECs were identified with respect to the subject site including its past use, the former gasoline service station and current/former automotive service garage on the neighbouring properties to the north and east, the automotive services garage on the adjacent property to the west and the fill material of unknown quality on the subject site in a previous subsurface investigation. It is worth noting that the Phase I ESA noted that twelve boreholes were previously placed on the subject site and petroleum hydrocarbon impacted soil was identified on the subject property.

Paterson Group completed a supplemental Phase II ESA in January, 2015 that included the drilling of six boreholes and installing five groundwater monitoring wells. The soil samples collected met the MOECC Table 3 standards for PHCs and BTEX. Concentrations of PHC (F1-F2) exceeded the MOECC Table 3 standards in one groundwater sample located on the northeast corner of the property. Paterson Group concluded that all impacts had been delineated and no further delineation was required. It is noted that impact was identified.

3.6 Regulatory Environmental Source Information

The appropriate regulatory agencies at the provincial and municipal levels were contacted to obtain information regarding environmental permits, past or pending environmental control orders or complaints, outstanding environmental regulatory non-compliance issues and Sewer Use By-Law infractions. **Exp** did not identify the need to contact any federal agencies.

The following agencies were contacted:

- The Ontario Ministry of the Environment and Climate Change (MOECC) Freedom of Information, Protection of Privacy Office; and,
- The City of Ottawa.

Written responses from the regulatory agencies and copies of the requests are included in Appendix C.

3.6.1 Ontario Ministry of the Environment and Climate Change Records

Records pertaining to the site were requested from the MOECC through the *Freedom of Information and Protection of Privacy Act* (FOI). Their response indicated that there were no records available for this property. A copy of the response is provided in Appendix C.

- On June 5, 2017, the MOECC Environmental Bill of Rights (EBR) registry website was searched by ERIS for postings in the vicinity of the subject site using 250 m radius. The Canadian Bank Note Company Limited located 200 metres west of the site received approval for discharge into the natural environment other than water (i.e. air) in 1997, 2004 and 2010 (PCA7). Due to the large intervening distance, this does not represent an APEC to the site.
- On June 5, 2017, the MOECC Hazardous Waste Information Network (HWIN) database was searched by ERIS for registered waste generators in the vicinity of the subject site. No postings were listed.
- On June 5, 2017, the MOECC Brownfields Registry website was searched by ERIS for postings of Records of Site Condition (RSC). Three (3) RSCs for surrounding properties were listed:
 - An RSC was filed for 93 Richmond Road (adjacent west) in 2006 according to full depth site conditions standard with non-potable groundwater, coarse textured soil for residential/parkland/institutional property use.
 - An RSC was filed for 101 Richmond Road (55 metres southwest) in 2010 according to full depth site conditions standard with non-potable groundwater, coarse textured soil for residential/parkland/institutional property use. The property was converted from commercial use to residential use.
 - An RSC was filed for 111 Richmond Road (adjacent south) in 2011 according to full depth site conditions standard with non-potable groundwater, coarse textured soil for residential/parkland/institutional property use. The property was converted from commercial use to residential use.

These searches do not represent environmental concerns.

3.6.2 Municipal Records

3.6.3.1 City Hall Records

A request for the Site was made to the City of Ottawa for the Hazardous Land Use Index (HLUI). No response has yet been received. A copy of the response request is provided in Appendix C.

3.6.3.2 City Directory Search

Exp reviewed city directories dating from 1914 to 2011 from an ERIS search of Vernon's Ottawa in order to identify the occupancy history of the site and neighbouring properties for potential environmental concerns. A copy of the directory search is included in Appendix G. The following table summarizes the directory search.

Table 3.1: City Directory Search

| Address | Distance/ Direction from Site | Year | Occupant | APEC (yes/no) |
|---|-------------------------------------|-------------------|---|------------------|
| 89 Richmond Road | Site | 2011 | Wu's Chinese Penetrating Massage Institute | No |
| | | 1990 – 2005/06 | Ottawa Chinese Medical Centre | |
| | | 1984 | Beaton's Jewellers | |
| | | 1979 | Vacant | |
| | | 1937 - 1974 | Residential (1-2 tenants) | |
| 70 Richmond Road | 65 m east | 1969 - 2011 | Automotive sales/garage | Yes (APEC 4) |
| | | 1948 - 1964 | Retail fuel outlet | |
| 72 Richmond Road | 40 m east | 1954 - 2011 | Automotive sales | Yes (APEC 3) |
| | | 1995/96 – 2005/06 | Automotive sales/garage | |
| 77 Richmond Road | 30 m east | 1990 - 2011 | Automotive sales | Yes (APEC 1) |
| | | 1954 - 1984 | Retail fuel outlet | |
| 90 Richmond Road (now 98 Richmond Road) | 25 m southeast | 1995/96 - 2005/06 | Appliance Recycling Depot | No |
| | | 1974 - 1990 | Canadian Tire Corp. Warehouse | |
| | | 1969 | Esquire Cleaners | |
| 93 Richmond Road | Adjacent west | 1974 - 2005/06 | Auto Sales | No |
| 109/119 Richmond Road (now 101 Richmond Road) | 65 m southwest | 1954 - 2005/06 | Retail fuel outlet | Yes (APEC 2) |
| 145 Richmond Road | 100 m west | 1959 - 2011 | Canadian Bank Note Company (commercial printing) | No |
| 369 Island Park Drive | 130 m east | 1974 - 2011 | Retail fuel outlet | No |

The properties located at 70, 77 and 109/119 Richmond Road are areas of potential environmental concern (APEC) due to their historic use as RFOs and their close vicinity to the Site. In addition, 70 and 77 Richmond Road are both located up/cross gradient of the Site.

The property located at 72 Richmond Road is considered an APEC due to its past use as an automotive lot/garage and it is located up/cross gradient of the Site.

The property located at 90 Richmond Road is considered an APEC due to its past use as a dry cleaner, recycling depot and Canadian Tire Depot.

The properties located at 145 Richmond Road and 369 Island Park Drive are not considered APECs due to the large intervening distances between the properties and the Site (>100m). In addition, 145 Richmond Road is located down/cross gradient of the Site.

3.7 Land Use Documents

A review of the following publications was carried out as part of this Phase One ESA:

- Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario (Golder Associates, October 2004);
- Inventory of Coal Gasification Plant Waste Sites in Ontario (Intera, April 1987);
- Mapping and Assessment of Former Industrial Sites – City of Ottawa (Intera, July 1988); and,
- Ontario Inventory of PCB Storage Sites (Ontario Ministry of the Environment; 1993).

3.7.1 Old Landfill Management Strategy Phase 1 – Identification of Sites - Golder (2004)

No former landfills were identified within 250 m of the subject site. In addition, there is no visual evidence of a landfill in the area.

3.7.2 Inventory of Coal Gasification Plant Waste Sites in Ontario - Ontario MOE (1987)

There were no coal gasification plants identified within 250 m of the subject site.

3.7.3 Mapping and Assess Former Industrial Sites – Intera (1988)

The property located at 145 Richmond Road, located 100 m west of the Site, is listed as a former industrial site (commercial printers) from the 1950s to the 1980s. This property is not considered an APEC due to the large intervening distance between the property and the Site. In addition, it is located down/cross gradient of the Site.

3.7.4 Ontario Inventory of PCB Storage Sites - Ontario MOE (1993)

No records pertaining to PCB storage sites were identified within 250 m of the subject site in this document.

3.8 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the subject site and properties within 250 metres of the subject site was conducted by EcoLog Environmental Risk Information Services (or EcoLog ERIS). EcoLog ERIS is an environmental database and information service provider. **Exp** has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix D.

Based on the EcoLog search, the following was identified:

- A spill was reported in 2014 at Legacy Auto located at 77 Richmond Road (65 m east of the Site). The incident summary was described as intentional discharge and an observation of improper disposal of motor oil. No quantity of fuel was reported surface water was impacted. Due to the inferred minor nature of the spill, this is not considered an APEC.
- A spill was reported in 1988 by Dow Motors on the property located at 72 Richmond Road (40 m east of the Site). The spill involved 800 L of furnace oil to the ground due to an aboveground tank leak. Due to the location of this property up-gradient of the Site, this is considered an APEC.
- A spill was reported in 1989 by Francis Fuels on the road at the corner of Richmond Road and Patricia Avenue (90 m southwest of the Site). The spill was reportedly due to equipment failure and

environmental impact was deemed not anticipated. Due to inferred minor nature of the spill, this is not considered an APEC.

- Four (4) liquid fuel single-walled USTs were installed in 1991 and four (4) TSSA Expired Facilities were identified in 2009 at Canadian Tire Corporation located at 109 Richmond Road (50 m west of the Site). Due to the past presence of USTs within a close distance to the Site, this is considered an APEC (APEC2).
- Two liquid fuel double-walled USTs were installed in 1994 and (4) TSSA Expired Facilities were identified in 2009 at Newcombe Holdings Limited located at 369 Island Park Drive (130 m east of the Site). Due to the large intervening distance between this property and the Site, it is not considered an APEC.
- The property owned by Canadian Bank Note Co. Ltd located at 145 Richmond Road (100 m west of the Site) was listed as a waste generator of acid waste (heavy metals), alkaline wastes (heavy/other metals), neutralized wastes (heavy metals). Aliphatic solvents, petroleum distillates, halogenated solvents, photo processing wastes, graphic art wastes, PCBs, organic acids, oil skimmings and sludges from 1986 to 2016. There was also an underground tank leak in 2001 of 80 L of lubricating oil to the ground resulting in soil contamination. Due to the large intervening distance and its location down/cross gradient of the Site, it is not considered an APEC.

3.9 Physical Setting Review

3.9.1 Aerial Photographs

The following table summarizes the development and land use history of the subject site and adjacent properties as depicted on the reviewed aerial photographs.

Table 3.1: Development and Land Use History Summary

| Aerial Photograph (year) | Details |
|--------------------------|--|
| 1928 | The Site appears to be occupied by a building with a different footprint to the current building. Neighbouring properties appear to be developed with residential housing to the east and west. Richmond Road and Island Park Drive are visible. |
| 1958 | The Site is occupied with a building with a similar footprint to the current building. Neighbouring properties appears to be developed with residential housing to the adjacent west and east. There are three (3) suspected retail fuel outlets visible at the corner of Richmond Road and Island Park Drive to the east. There also appear to be several automotive garages in the vicinity of the site along Richmond Road to the east and west. There appears to be a large warehouse across Richmond Road to the southeast. Patricia Avenue is visible to the west. |
| 1965 | There are no apparent changes to the Site or surrounding properties. |
| 1976 | There are no apparent changes to the Site. Pump islands are visible on the property located on the corner of Patricia Avenue and Richmond Road. There appears to be several vehicles parked on the property located to the adjacent west. |
| 1991 | There are no apparent changes to the Site. The pump islands are no longer visible on two (2) of the three (3) retail fuel outlets located at the corner of Island Park Drive and Richmond Road. |
| 1999-2005 | There are no apparent changes to the Site or neighbouring properties. |
| 2007 | There are no apparent changes to the Site. The property to the adjacent west is now vacant. |
| 2008 | There are no apparent changes to the Site or neighbouring properties. |
| 2011 | There are no apparent changes to the Site. The previous retail fuel outlet has been removed and there is now a mixed residential/commercial building to the adjacent west of the Site. Construction has begun on the mixed residential/commercial building to the west of Patricia Avenue along Richmond Road. |
| 2014 | There are no apparent changes to the Site. There are now residential/commercial buildings on the corner of Patricia Ave. and Richmond Road to the west and across Richmond Road to the south. |

Based on the review of the aerial photography, APEC were identified at 77 Richmond Road (former RFO), 109/119 Richmond Road (former RFO), 72 Richmond Road (former automotive garage) and 70 Richmond Road (former RFO and automotive garage). These properties are all located in close proximity to the Site. In addition, the properties located at 70 and 72 Richmond Road are located hydraulically up/cross gradient of the Site.

3.9.2 Geology, Hydrogeology and Topography

The following information sources were reviewed to determine the nature of the subsurface materials at the site:

1. *Bedrock Geology of Southern Ontario* – Ontario Geological Survey. Scale 1:50,000. Electronic resource Issued 2003.

2. *Surficial Geology of Southern Ontario* – Ontario Geological Survey. Scale 1:50,000. Electronic resource Issued 2003.
3. Ontario Geotechnical Boreholes – Electronic Resource.
4. MOE Water Well Records – Electronic Resource.
5. Department of Natural Resources, Topographic Mapping. Electronic Resource.

The above maps revealed that the bedrock in the general area is a combination of limestone, sandstone and shale (Paleozoic) of the Simcoe group of the Shadow Lake Formation at a depth of 2-5 m. With respect to surficial geology, beneath any fill, the site is underlain by sandy silt to silty sand (textured till).

The local topography of the Site has a slight downwards slope towards the north. Inferred groundwater flow direction is to the northwest towards the Ottawa River located 1.2 km of the Site and according to previous reports.

3.9.3 Fill Materials

Notable amounts of fill material are not anticipated to have been brought to the Site based on the records review.

3.9.4 Water Bodies and Areas of Natural Significance (ANSI)

There were no water bodies on the subject site. The subject site is not located in close proximity to an ANSI, according to the Ministry of Natural Resources Natural Heritage website.

The closest water body is the Ottawa River which is located approximately 1.2 km to the northwest of the site.

3.9.5 Well Records

Local MOE water wells records show that bedrock depth in the area is approximately 2-5 m from surface. The well records are presented in the EcoLog report in Appendix D.

3.10 Site Operating Records

No site operating records were available for review.

3.11 Summary of Records Review

Based on a review of the available records, the Site has been developed with a residential building dating back to the early 1900s. The dwelling was converted to a mixed commercial/residential building in the 1970s or 1980s. The previous uses of the Site do not represent an APEC.

The previous RFO located at 77 Richmond Road (APEC 1) was present between the 1950s and the 1980s, the previous RFO located at 109/119 Richmond Road (APEC 2) was present between the 1950s and 2000s, the previous RFO located at 70 Richmond Road (APEC 4) was present between the 1940s and 1960s, and the former automotive garage located at 72 Richmond Road (APEC 3) was present between the 1950s and the 2010s. In summary, three (3) RFO's existed previously in close proximity to the Site. Combined with the previous fuel oil spill located at 72 Richmond Road, these factors represent areas of potential environmental concern.

4. Interviews

Interviews were attempted by **exp** with any individuals identified to be the most knowledgeable about both the current and historical site uses. The purpose of the interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the site.

During the completion of this Phase I ESA, the following individuals were interviewed:

- Ms. Lydia Wu and Mr. George Cai are the current owners of the subject property. They indicated that they have owned the property for approximately 30 years and to their knowledge, the site use had always been mixed commercial/residential. The commercial space has been used for a Chinese Traditional Medicine business and a locksmith. They indicated that at the time of purchase, the dwelling was heated using heating oil and that an aboveground storage tank (AST) of unknown size was located in the basement. The heating source was changed from heating oil to natural gas in the early 1990s and at that time, the AST was removed from the basement and the vent/fill pipes were sealed.

5. Site Reconnaissance

5.1 General Requirements

On May 31, 2017, Mr. Scott Lessard, B.Sc. of **exp** conducted the site visit for the property located at 89 Richmond Road. The site visit was conducted in accordance with **exp**'s internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Site.

The general environmental management and housekeeping practices at the site were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of **exp**'s investigation.

Observations of the subject property and surrounding properties were conducted. The exterior observations were recorded by walking over the grounds. Adjoining properties were observed from within the grounds of the Site.

Mr. Lessard was accompanied by Mr. Claude Parent (real estate agent), Ms. Lydia Wu and Mr. George Cai (the current owners). Photographs were taken at the Site on May. 31, 2017 and are included in Appendix E.

5.2 Specific Observations at Phase I ESA Property

5.2.1 Site Description and Buildings

The Site consists of a 2-storey, mixed commercial/residential building located at 89 Richmond Road, Ottawa, Ontario. The ground floor consists of the commercial space and the second floor consists of residential space. The building has an approximate footprint of 115m². The Site is rectangular in shape, covers an area of approximately 370 m² and is located on the northern side of Richmond Road between Island Park Drive and Patricia Avenue.

At the time of the investigation, the property was occupied by a 2-storey mixed commercial/residential building with a gravel parking area to the north and an asphalt driveway to the east of the building. The parking area is accessed via Richmond Road to the south. The property is municipally serviced by the City of Ottawa and neighbored by a mixed residential/commercial property to the west and residential properties to the north and east. The interior construction of the building consists of plaster/drywall walls, stipple over plaster/drywall or acoustic tile ceilings with hardwood and vinyl/ceramic flooring. The basement is unfinished with a stone and mortar foundation and a concrete block floor. Some wood panelling was observed for room separation.

5.2.2 Heating and Cooling Systems

The heating system was observed to be a natural gas fuelled forced air furnace. The current owners indicated that the heating system had been converted to natural gas from heating oil in the early 1990s. Previous vent/fill pipes were identified in the southwest corner of the building.

A centralized cooling system was observed at the time of the site visit with the condenser located at the rear (north) of the building.

5.2.3 Site Utilities and Services

The Site utilizes City of Ottawa water and sewer systems, Enbridge natural gas and local electricity services.

5.2.4 Site Use

At the time of the investigation, the site consisted of a 2-storey mixed commercial/residential building. The commercial business (Chinese Medicine) occupied a portion of the ground floor. The remainder of the ground floor, basement and second floor were used for residential purposes. There is an unpaved (gravel) parking area at the northern portion of the Site and a paved (asphalt) driveway on the eastern portion of the site.

5.2.5 Drains, Pits and Sumps

No sumps, or pits were observed at the Site. There was a floor drain in the basement of the building and standing water was observed within the drain. No sheen was observed on the surface of this standing water. This does not represent an APEC.

5.2.6 Storage Tanks

5.2.6.1 Underground Storage Tanks

Exp did not observe any underground storage tanks (UST) during the site reconnaissance. No visual evidence such as fill / vent pipes, levelometers or oil fill lines associated with USTs were observed at the site.

5.2.6.2 Aboveground Storage Tanks

Exp did not observe any ASTs during the site reconnaissance. Previous vent/fill pipes were visible both in the basement and from the building exterior at the southwest corner of the building. These pipes are likely associated with the previous AST that was reportedly located in the basement of the building. There was no evidence of spills or staining on the concrete slab basement floor or on the ground next to the previous pipes on the building exterior. In addition, the basement floor was observed to be in good condition and there were no petroleum odours identified in the basement. Therefore, the presence of this previous AST does not represent an APEC.

5.2.7 Chemical Storage and Handling and Floor Condition

Small volumes of household cleaning products were observed within the Site building. This does not represent an environmental concern.

5.2.8 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of stained soil, pavement or vegetation were observed during the site visit.

5.2.9 Fill, Debris and Methane

The Site is similar in elevation to the surrounding properties, which are residential or mixed residential/commercial in nature with small parking areas and some manicured landscaping. The Site slopes slightly downwards towards the north. Significant amounts of fill materials are not anticipated at the site.

Based on preliminary site walkthroughs, there are no sources of methane at the surface of the property.

5.2.10 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MOE. According to the Environmental Protection Act (EPA), a Certificate of Approval (CofA) (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment

was installed, modified or altered after June 29th, 1988. Retroactive approval should be sought for equipment installed and unchanged between 1972 and June 29th, 1988 when the requirement for a CofA was added to the EPA. Unless explicitly exempted, most industrial processes or modifications to industrial processes and equipment require a CofA. The EPA provides a list of specific equipment and conditions, which are exempt from CofA (Air) requirements (i.e. fuel burning equipment for comfort heating in a building using natural gas or number 2 fuel oil at a rate of less than 1.5 million British Thermal Units per hour [BTU/hour]).

No air emissions concerns were identified at the time of the site visit.

5.2.11 Odours

No strong odours were detected during the site visit.

5.2.12 Noise

No excessive noise was detected during the site visit.

5.2.13 Special Attention Items, Hazardous Building Materials and Designated Substances

5.2.13.1 Asbestos

Asbestos-containing materials (ACMs) are fibrous hydrated silicates, and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated. Non-Friable asbestos refers to asbestos, which is associated with a binding agent (such as tar or cement). Friable asbestos is commonly found in boiler and pipe insulation. Non-Friable asbestos is typically found in roofing tars, floor and ceiling tiles, and asbestos-containing cement.

ACMs in the workplace are defined as a Designated Substance under the Ontario Occupational Health and Safety Act (OHSA). Under OHSA, persons in the workplace are required to be notified of the presence of ACMs once they are suspected to be present, and if there is a potential for workers to be exposed. The use of ACMs was discontinued in Canada in the late 1970s/early 1980s, although non-friable asbestos can still be found in recently constructed buildings.

Based on the date of construction of the Site building (constructed early 1900s), it is possible for ACMs to have been used during the construction of the Site building or during subsequent renovations (i.e. in the form of insulation, roofing tars, mortars, plaster, stipple ceiling, drywall joint compound, acoustic ceiling tiles, etc.). It is recommended that a Designated Substances Survey (DSS) be completed prior to demolition activities.

5.2.13.2 Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinsplate and plumbing. The use of lead based paints (LBPs) was phased out circa 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain high levels of lead. The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Based on the age of the Site building (constructed early 1900s), it is **exp's** opinion that there is potential for LBPs to be contained within the building. All painted surfaces noted during **exp's** site visit were observed to be in good condition with the exception of the exterior green paint located on window frames and the

exterior white paint found on the porch railing which were found to be in poor condition. It is recommended that a DSS be completed prior to any renovations.

5.2.13.3 Mercury

Mercury could be found in some batteries, light bulbs, old paints, thermostats, old mirrors, etc. Based on an investigation by Consumer and Corporate Affairs Canada, and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints. The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove "interior uses" from their product labels.

Based on the age of the Site building (constructed early 1900s), it is **exp's** opinion that the presence of mercury-based paints within the Site building is possible. All painted surfaces noted during **exp's** site visit were observed to be in good condition with the exception of the exterior green paint located on window frames and the exterior white paint found on the porch railing which were found to be in poor condition.

5.2.13.4 Polychlorinated Biphenyls (PCBs)

The manufacture of PCBs in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCBs-containing equipment on the Site. Potential equipment, which could contain PCBs include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCBs is permissible.

A review of the site was conducted to evaluate the potential presence of PCBs-containing equipment in use or stored at the site.

Based on the age of the Site building (constructed early 1900s), the potential for PCB-containing equipment to be present is possible. However, potential PCB containing equipment was not observed during the site visit.

5.2.13.5 Urea Formaldehyde Foam Insulation

Formaldehyde is a pungent, colourless gas commonly used in water solution as a preservative and disinfectant. It is also a basis for major plastics, including durable adhesives. It occurs naturally in the human body and in the outdoor environment. Formaldehyde is used to bond plywood, particleboard, carpets and fabrics, and it contributes to "that new house smell."

Formaldehyde is also a by-product of combustion; it is found in tobacco smoke, vehicle exhaust and the fumes from furnaces, fireplaces and wood stoves. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations. Symptoms of overexposure to formaldehyde include irritation to eyes, nose and throat; persistent cough and respiratory distress; skin irritation; nausea; headache; and dizziness.

Urea-formaldehyde foam insulation (UFFI) was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and "cure" into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. Most installations occurred between 1977 and the further use of UFFI was banned in Canada in 1980.

No evidence of UFFI was observed during the site visit. Based on the age of the Site building (constructed early 1900s), it is considered possible that UFFI was added during renovation activities and may still be present.

5.2.13.6 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for a maximum acceptable level of radon gas of 200 Becquerel's per cubic metre (Bq/m³). Where radon gas is present and the annual radon concentration exceeds 200 Bq/m³ in the normal occupancy area, Health Canada recommends taking the necessary actions to reduce radon levels.

Based on local well records, the bedrock underlying the Site is a mix of limestone, sandstone and shale. Black shale is known to have an increased potential to release radon gas. Since the bedrock at the site is not predominantly shale, the accumulation of radon gas is not considered likely.

5.2.13.7 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow it requires a food source (i.e. gypsum wallboard, wallpaper, wood, etc.) combined with moist conditions. Mould can have an impact on human health depending on the species and concentration of the airborne mould spores. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment, the industry standards include the Canadian Construction Association (CCA) document 82-2004 titled "mould guidelines for the Canadian construction industry" and the Environmental Abatement Council of Ontario (EACO) guidelines titled "EACO Mould Abatement Guidelines, Edition 2 (2010)."

It is important to note that the Ministry of Labour (MOL) has governed protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings.

Suspect mould growth was observed on some wood panels in the basement of the Site dwelling near the washing machine.

5.2.13.8 Other Substances

No other special attention substances (such as acrylonitrile or isocyanates) were suspected to be present at the Site at the time of this Phase One ESA.

5.2.14 Processing and Manufacturing Operations

No processing or manufacturing operations are conducted at the Site.

5.2.15 Hazardous Materials Use and Storage

No hazardous materials are used or stored at the Site.

5.2.16 Vehicle and Equipment Maintenance Areas

No vehicle and equipment maintenance is conducted on the Site.

5.2.17 Oil/Water Separators

No oil water separators are present and/or anticipated at the Site.

5.2.18 Sewage and Wastewater Disposal

Wastewater is treated via the municipal sewer system.

5.2.19 Solid Waste Generation, Storage & Disposal

Currently, no solid waste is generated on the Site apart from general household solid waste. Household waste would be collected via weekly garbage pick-up. It was reported by the current owners that the commercial business uses only natural medicine ingredients. Therefore, this waste generation is not considered a concern.

5.2.20 Liquid Waste Generation, Storage & Disposal

No liquid wastes are generated or stored on the Site.

5.2.21 Unidentified Substances

No unidentified substances were observed on the Site at the time of the site visit. No dumping or any other deleterious materials were identified.

5.2.22 Hydraulic Lift Equipment

No hydraulic equipment was observed the Site.

5.2.23 Mechanical Equipment

No mechanical equipment of concern was present on the Site.

5.2.24 Abandoned and Existing Wells

No abandoned or existing wells were observed on the Site. No MOE well records were identified for the site.

5.2.25 Roads, Parking Facilities and Right of Ways

Access to the Site is via Richmond Road to the south. There is a parking area to the east of the building which is accessed via Richmond Road.

5.3 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the site was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Site. Refer to Figure 2 in Appendix B for the adjacent land uses.

The following land uses border the subject property:

- North: Residential (single-family houses);
- West: Mixed commercial/residential low-rise buildings;
- South (across Richmond Road): Mixed commercial/residential low-rise building; and,
- East: Residential (multi-unit) followed by commercial (restaurant and automotive garage – Legacy Auto Center)

Based on the above, the automotive garage located at 77 Richmond Road represents an APEC (APEC 1) due to its close location, previous use as a retail fuel outlet and its location up/cross gradient of the Site.

5.4 Summary of Site Reconnaissance

Based on the site reconnaissance of the Phase One ESA, no APECs were identified on the Site. However, the automotive garage located at 77 Richmond Road represents an APEC (APEC 1) due to its close location, previous use as a retail fuel outlet and its location up/cross gradient of the Site.

6. Review and Evaluation of Information

6.1 Current and Past Uses

Based on a review chain of title information, historical maps, fire insurance maps and other records, the Site has been developed as residential since the early 1900s and was converted to mixed commercial/residential in the late 1970s or early 1980s. It is understood that the civic address of the Site is 89 Richmond Road and includes the 0.08-acre lot of the Site with a current use of mixed use commercial/residential. Based on the title search, no potential sources of environmental concern were identified.

6.2 Summary of Potentially Contaminating Activities

As per Ontario Regulation (O.Reg.) 153/04, a Potential Contaminating Activity (PCA) is defined as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in a Phase One study area. The following PCAs were identified:

- PCA1 – Current off-site automotive garage and former retail fuel outlet (RFO) located at 77 Richmond Road (30 m east) operated between the 1950s and 1980s (PCA#27 - Garages and Maintenance and PCA#28 – Gasoline and Associated Products Stored in Fixed Tanks).
- PCA2 – Former off-site RFO located at 109/119 Richmond Road (now 101 Richmond Road - 50 m west) operated between the 1950s and 2000s (PCA#28 - Gasoline and Associated Products Stored in Fixed Tanks).
- PCA3 – Former off-site automotive garage located at 72 Richmond Road (40 m east) operated between the 1950s and 2010s (PCA#27 - Garages and Maintenance). A significant furnace oil spill also occurred on this property in 1988.
- PCA4 – Former off-site retail fuel outlet located at 70 Richmond Road (65 m east) operated between 1940s and 1960s (PCA#28 – Gasoline and Associated Products Stored in Fixed Tanks). This property was also formerly operated as an automotive garage between the 1960s and 2010s (PCA#27 - Garages and Maintenance).
- PCA5 – Former off-site RFO located at 1451 Wellington Street West (130 m northeast) operated between the 1950s and 1960s. This property was also formerly operated as an automotive garage between the 1970s and 2010s (PCA#27 - Garages and Maintenance and PCA#28 – Gasoline and Associated Products Stored in Fixed Tanks).
- PCA6 – Current off-site RFO located at 369 Island Park Drive (130 m east) operated between the 1950s to present (PCA#28 – Gasoline and Associated Products Stored in Fixed Tanks).
- PCA7 – Former off-site dry cleaners located at 90 Richmond Road (now 98 Richmond Road – 30 m southeast) operated between 1969 and the early 1970s (PCA#37 – Operation of Dry Cleaning Equipment).
- PCA8 – Current commercial printing company (Canadian Bank Note Company) located at 145 Richmond Road (100 m west) operated between the 1950 and present (PCA#31 – Ink Manufacturing, Processing and Bulk Storage).

6.3 Areas of Potential Environmental Concern

As per O.Reg 153/04, an APEC is defined as an area on a subject site where one or more contaminants are potentially present. Based on this Phase One ESA, the following APECs were identified:

- APEC 1 - Current off-site automotive garage and former retail fuel outlet (RFO) located at 77 Richmond Road (30 m east) operated between the 1950s and 1980s.
- APEC 2 - Former off-site RFO located at 109/119 Richmond Road (now 101 Richmond Road - 50 m west) operated between the 1950s and 2000s.
- APEC 3 - Former off-site automotive garage located at 72 Richmond Road (40 m east) operated between the 1950s and 2010s.
- APEC 4 - Former off-site retail fuel outlet located at 70 Richmond Road (65 m east) operated between 1940s and 1960s. This property was also formerly operated as an automotive garage between the 1960s and 2010s.
- APEC 5 - Former off-site dry cleaners located at 90 Richmond Road (now 98 Richmond Road – 30 m southeast) operated between 1969 and the early 1970s.

6.4 Phase I ESA Conceptual Site Model

In order to develop a conceptual model for the subject site and surrounding study area, the following physical characteristics and pathways were considered. A conceptual site model showing the topography of the site, inferred groundwater flow and general site is shown in Figure 3.

6.4.1 Subsurface Stratigraphy

The above maps revealed that the bedrock in the general area is a combination of limestone, sandstone and shale (Paleozoic) of the Simcoe group of the Shadow Lake Formation at a depth of 2-5 metres. With respect to surficial geology, beneath any fill, the site is underlain by sandy silt to silty sand (textured till).

6.4.2 Estimated Groundwater Flow Direction

Topographically, the Site is relatively flat with the northern section of the property sloping slightly northwards. The surrounding area has a slight downwards slope towards the north. The closest body of water is the Ottawa River, located approximately 1.2 kilometres northwest of the Site. The groundwater flow direction is inferred to be northwest towards the Ottawa River.

6.4.3 Underground Utilities

Currently the municipal water, sewage systems and natural gas are the only underground utilities located on both Parcels of the Site. Electricity and telephone services were observed to be overhead.

7. Findings and Recommendations

The following information is provided in Table 7.1 in support of the Phase One ESA QP's conclusions:

Table 7.1: Areas of Potential Environmental Concern

| Area of Potential Environmental Concern (APEC) | Potentially Contaminating Activity (PCA) | Location of PCA (On-Site or Off-Site) | Contribution to APEC at the Site (Yes/No) | Media Potentially Impacted (Groundwater, Soil and/or Sediment) | APEC Hazard Ranking (Low/Medium/High) |
|--|--|---------------------------------------|---|--|---------------------------------------|
| 1. Current automotive garage and former RFO (77 Richmond Road) operated between 1950s and 1980s | #27 – Garages and Maintenance #28 – Gasoline and Associated Products Storage in Fixed Tanks | 30 m east | Yes | Soil and groundwater: petroleum hydrocarbons (PHC) and benzene, toluene, ethylbenzene, xylene (BTEX) | High |
| 2. Former RFO located at 109/119 Richmond Road (now 101 Richmond Road) operated between the 1950s and 2000s | #28 – Gasoline and Associated Products Storage in Fixed Tanks | 50 m west | Yes | Soil and groundwater: PHC and BTEX | Medium |
| 3. Former automotive garage located at 72 Richmond Road operated between the 1950s and 2010s and spill in 1988 | #27 – Garages and Maintenance | 40 m east | Yes | Soil and groundwater: PHC and BTEX | High |
| 4. Former RFO located at 70 Richmond Road operated between 1940s and 1960s. Also formerly operated as an automotive garage between the 1960s and 2010s | #27 – Garages and Maintenance #28 – Gasoline and Associated Products Storage in Fixed Tanks | 65 m east | Yes | Soil and groundwater: PHC and BTEX | High |
| 5. Former dry cleaners located at 90 Richmond Road (now 98 Richmond Road) operated between 1969 and the early 1970s | #37 – Operation of Dry Cleaning Equipment | 30 m southeast | Yes | Groundwater: VOCs | Low |

To reduce the degree of uncertainty surrounding the environmental concerns identified during this Phase One ESA, a Phase Two ESA is recommended and the rationale for proposing such recommendations are provided below in Table 7.2.

Table 7.2: Issues Identified, Recommendations and Rationale

| Issue Identified | Recommendation | Rationale |
|--|--|--|
| Potential impacts in soil and groundwater from the off-site RFOs, automotive garages, spill and dry cleaner. | Advance three (3) to four (4) boreholes and install monitoring wells to collect groundwater samples for PHC, BTEX and VOCs analyses. | To assess soil and groundwater conditions at the Site. |

Due to the age of the buildings on the Site, it is considered likely that they many contain Designated Substances. Therefore, prior to renovation or demolition, a Designated Substance Survey (DSS) should be conducted for the Site buildings.

8. References

1. Canadian Standards Association; November 2001; *Z768-0 Phase I Environmental Site Assessment*.
2. Dubreuil, L. and C. Woods; 2002; *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*.
3. Department of Energy Mines and Resources, Surveys and Mapping Branch; 1976; *Ottawa Map 31 G/5, Scale 1:50,000*.
4. Geological Survey of Canada; 1982; *Generalized Bedrock Geology – Ottawa-Hull, Ontario-Quebec: Map 1508A. Scale 1:50,000*.
5. Geological Survey of Canada; 1976; *Surficial Geology – Ottawa, Ontario: Map 1507A. Scale 1:50,000*.
6. Geoseismic Engineering; April 19, 2017; *Subsurface Investigation Report, 303 Bell Street South, Ottawa, ON K1S 4J9*.
7. Golder Associates Inc.; October 2004; *Old Landfill Management Strategy, City of Ottawa*.
8. Intera Technologies Ltd.; July 1998; *Mapping and Assessment of Former Industrial Sites, City of Ottawa*.
9. Ministry of Labour (MOL); *Occupational Health and Safety Act*.
10. Ontario Ministry of the Environment, *Environmental Registry website* (www.ene.gov.on.ca/envision/env_reg/ebr/english/index.htm)
11. Ontario Ministry of the Environment; 1993- 2003-2004; *Ontario Inventory of PCB Storage Sites*.
12. Ontario Ministry of the Environment; *Brownfields Registry website* (www.ene.gov.on.ca/environet/BESR/index.htm)
13. Ontario Ministry of the Environment; *Hazardous Waste Information Network website* (www.hwin.ca).
14. Ontario Ministry of the Environment; November 1988; *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*.
15. Ontario Ministry of the Environment, Waste Management Branch; June 1991; *Waste Disposal Site Inventory*.
16. Ontario Ministry of the Environment and Intera Technologies Ltd.; June 1991; *Inventory of Coal Gasification Plant Waste Sites in Ontario*;
17. Ontario Ministry of Natural Resources, Natural Heritage website (www.mnr.gov.on.ca/MNR/nhic/areas.cfm).
18. Paterson Group; March, 2015. *Phase I – Environmental Site Assessment, 70 Richmond Road, Ottawa, Ontario*.
19. Technical Standards and Safety Authority; May 2007; *Environmental Management Protocol for Fuel Handling Sites in Ontario*.
20. Trow Associates Inc. (now exp Services Inc.); August, 2004. *Phase I and II Environmental Site Assessment, 93 Richmond Road, Ottawa, ON*.

9. Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of **exp** may require re-evaluation.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to **exp** by Mr. Vaidya. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by Mr. Vaidya. **Exp** has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to **exp** so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale and in accordance with the MOE Reg. 511 standard. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to **exp** by Mr. Vaidya, communications between **exp** and Mr. Vaidya, other reports, proposals or documents prepared by **exp** for Mr. Vaidya in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. **Exp** is not responsible for use by any party of portions of the Report.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of Mr. Vaidya. No other party may use or rely upon the Report in whole or in part without the written consent of **exp**. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. **Exp** is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where **exp** has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

by **exp** utilize specific software and hardware systems. **Exp** makes no representation about the compatibility of these files with Mr. Vaidya current or future software and hardware systems. Regardless of format, the documents described herein are **exp's** instruments of professional service and shall not be altered without the written consent of **exp**.

We trust this report satisfies your immediate requirements. If you have any questions regarding the information in this report, please do not hesitate to contact this office.

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendices

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendix A: Qualifications of Assessors



Qualifications of Assessors

Exp provides a full range of environmental services through a full-time Environmental Services Group. **Exp's** Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the **exp** organization.

Scott Lessard, B.Sc., has 4 years of experience in the environmental consulting field. Technical undertakings have included: project coordination; Phase I & II Environmental Site Assessments; contaminated site investigations including drilling supervision, Designated Substances Surveys; ground water monitoring, environmental sampling and data evaluation; and technical report preparation.

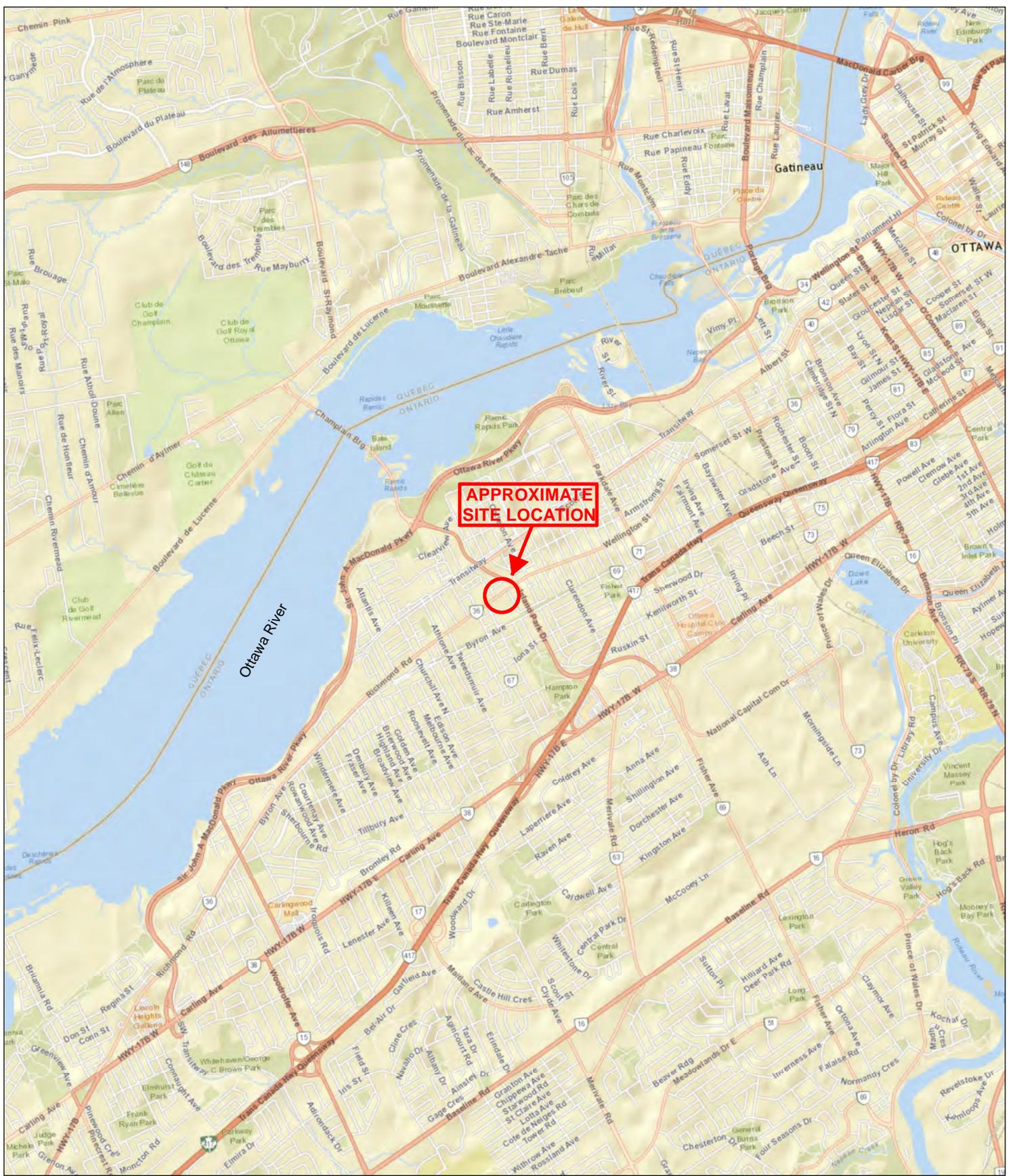
Shawn Doherty, P.Eng., has 15 years of experience in the environmental consulting field. Technical undertakings have included: project coordination; Phase I, II and III Environmental Site Assessments; contaminated site investigations including drilling supervision, environmental sampling and data evaluation; and technical report preparation.

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendix B: Figures



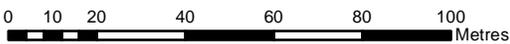


exp Services Inc.
 100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
 SITE ASSESSMENT**
 89 Richmond Road
 Ottawa, Ontario

DRAWING TITLE:
SITE LOCATION PLAN

| | |
|-----------------|-----------|
| PROJECT No.: | DWN: |
| OTT-00240343-A0 | SL |
| SCALE: | CHKD: |
| AS SHOWN | SD |
| DATE: | FIG. No.: |
| June 2017 | 1 |



exp Services Inc.
 100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

PROJECT TITLE:

PHASE ONE ENVIRONMENTAL
 SITE ASSESSMENT
 89 Richmond Road
 Ottawa, Ontario

DRAWING TITLE:

SITE PLAN

PROJECT No.:
 OTT-00240343-A0

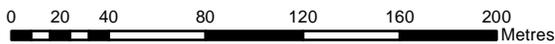
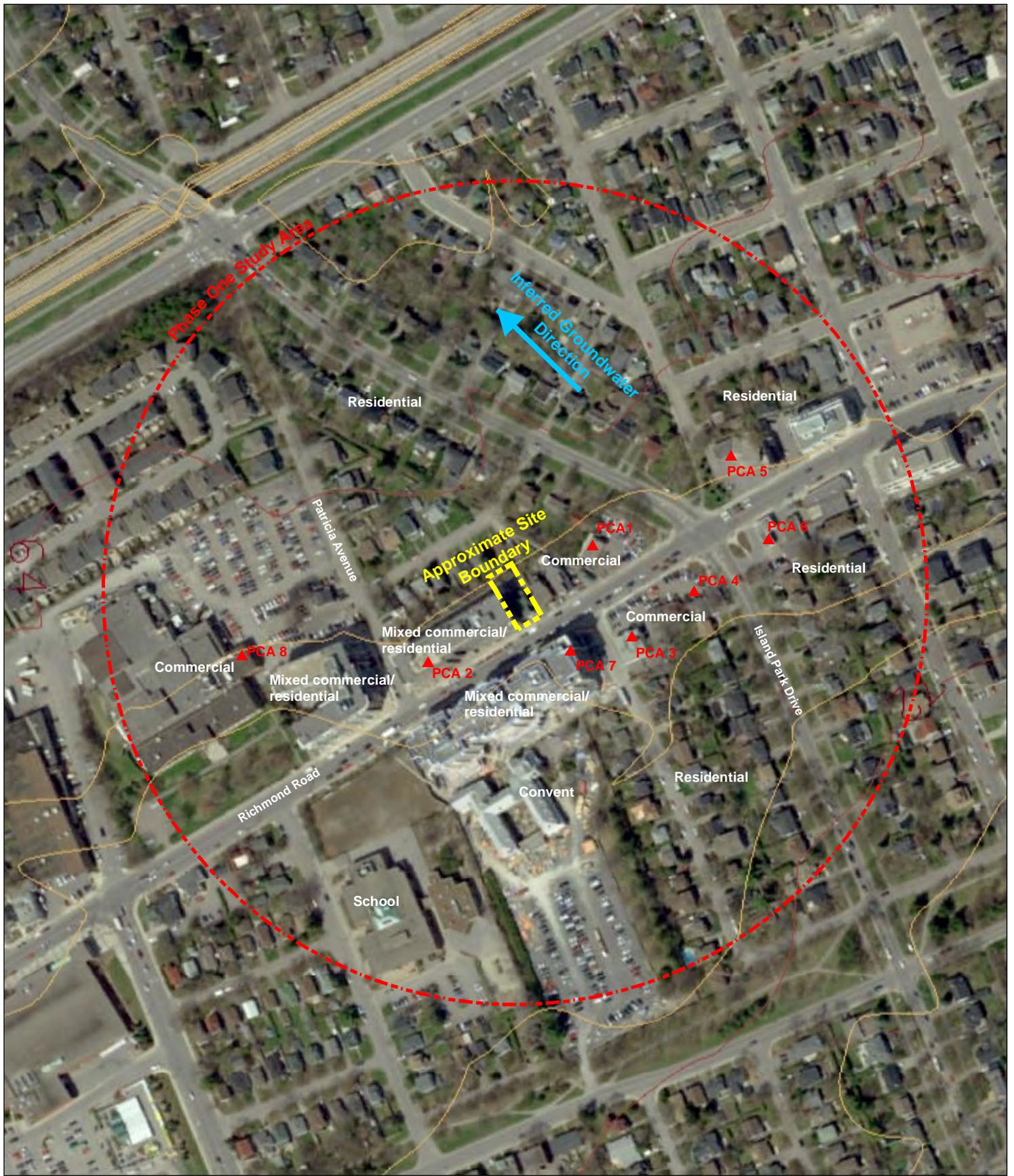
DWN:
 SL

SCALE:
 AS SHOWN

CHKD:
 SD

DATE:
 June 2017

FIG. No.:
 2



| | | | | |
|--|---|-----------------------|--------------------|----------------|
|  exp Services Inc. 100-2650 Queensview Drive Ottawa, Ontario K2B 8H6 T - (613) - 688-1899 F - (613) - 225-7337 | PROJECT TITLE: | DRAWING TITLE: | PROJECT No.: | DWN: |
| | PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 89 Richmond Road Ottawa, Ontario | CONCEPTUAL SITE MODEL | OTT-00240343-A0 | SL |
| | | | SCALE: AS SHOWN | CHKD: SD |
| | | | DATE: June 2017 | FIG. No.: 3 |

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendix C: Title Search, Municipal & Provincial Records





READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

January 29, 2015

EXP Services

Attn: Kathy Radisch

BRIEF DESCRIPTION OF LAND:

89 Richmond Road
Lot 83, Plan 400, Ottawa
PIN: 04021-0110

LAST REGISTERED OWNER: WU, Zhao-Di Lydia
CAI, George Song-Yin

JT

CHAIN OF TITLE:

Deed 26225 registered April 30, 1866
From Sherriff to Bank of Upper Canada

Deed 4921 registered December 28, 1876
From Bank of Upper Canada to Daniel K. Cowley

Deed 4922 registered December 28, 1876
From C. C. Gamble to Daniel K. Cowley

Will registered April 12, 1897
Daniel K. Cowley (Estate) to Mary Moj Cowley, Robert H. Cowley, Daniel K. Cowley
(executors)

Deed 21804 registered December 13, 1907
From Mary Moj Cowley to Daniel K. Cowley and Robert H. Cowley and Mary Moj
Cowley (executors)

Plan 400 registered September 20, 1922

R. H. Cowley and D. K. Cowley (owners)

Deed 37987 registered August 29, 1924
From R. H. Cowley and D. K. Cowley to Lea Ladouceur

Deed 39597 registered September 30, 1926
From Lea Ladouceur to Irene C. Akeson

Deed 51669 registered July 13, 1944
From Irene C. Akeson to Irene C. Akeson and Andrew Akeson

Deed 492650 registered April 30, 1965
From Andrew Akeson to Lawrence E. Leduc and Edward L. Leduc

Deed 706523 registered April 5, 1977
From Lawrence E. Leduc and Edward L. Leduc to Archie McDonald Ltd.

Deed NS65854 registered September 4, 1979
From Archie McDonald Limited. to Bonnie J. Beaton

Deed NS241366 registered May 31, 1984
From Bonnie J. Beaton to Leslie S. Allan and Shirley L. Allan

Deed N401654 registered August 4, 1987
From Leslie Scott Allan and Shirley Lilian Allan to Zhao-Di Lydia Wu and George Song-Yin Cai



May 30, 2017

Via email:
hlui@ottawa.ca

Planning Division
City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario

Re: OTT-00240343-A0 **Municipal Information Search Request**
89 Richmond Road, Ottawa, Ontario

To whom it may concern,

Our firm has been retained to conduct a Phase I Environmental Site Assessment for 89 Richmond Road, Ottawa, Ontario. We require information pertaining to the property.

We request that the City of Ottawa search their files and provide any information pertaining to the environmental condition of these properties and surrounding areas, including any past environmental reports, orders, certificates or approvals as well as any available site plans, records of tanks and any available ownership history.

Please find attached the consent letter from the property owner to release this information for the property in question. A request for information form has been completed to initiate a search on the property.

If you should have any questions, please do not hesitate to contact me.

Yours truly,

A handwritten signature in blue ink that reads "Kathy Radisch".

exp Services Inc.
Kathy Radisch
Administrative Assistant
Earth & Environment

Attachments: Disclaimer
RFI Form
Consent from Owner

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendix D: EcoLog Reports



ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *Phase I ESA
89 Richmond Rd
Ottawa ON K1Z6V8*

Project No: *OTT-00240343-A0*

Report Type: *Standard Report*

Order No: *20170530017*

Requested by: *exp Services Inc.*

Date Completed: *June 5, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

Table of Contents

| | |
|--|-----|
| Table of Contents..... | 2 |
| Executive Summary..... | 3 |
| Executive Summary: Report Summary..... | 4 |
| Executive Summary: Site Report Summary - Project Property..... | 6 |
| Executive Summary: Site Report Summary - Surrounding Properties..... | 7 |
| Executive Summary: Summary By Data Source..... | 13 |
| Map..... | 22 |
| Aerial..... | 23 |
| Topographic Map..... | 24 |
| Detail Report..... | 25 |
| Unplottable Summary..... | 109 |
| Unplottable Report..... | 113 |
| Appendix: Database Descriptions..... | 144 |
| Definitions..... | 152 |

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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

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

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

Executive Summary

Property Information:

Project Property: *Phase I ESA
89 Richmond Rd Ottawa ON K1Z6V8*

Project No: *OTT-00240343-A0*

Coordinates:

Latitude: *45.396884*
Longitude: *-75.74357*
UTM Northing: *5,027,309.57*
UTM Easting: *441,801.31*
UTM Zone: *UTM Zone 18T*

Elevation: *222 FT
67.63 M*

Order Information:

Order No: *20170530017*
Date Requested: *May 30, 2017*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

Aerial Photographs *National Collection - Digital (PDF)*
City Directory Search *Subject Site plus 250m Radius*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Specific Plans*

Executive Summary: Report Summary

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Within 0.25 km</i> | <i>Total</i> |
|-----------------|--|-----------------|-------------------------|-----------------------|--------------|
| AAGR | <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 | 8 | 8 |
| CA | <i>Certificates of Approval</i> | Y | 0 | 4 | 4 |
| CFOT | <i>Commercial Fuel Oil Tanks</i> | Y | 0 | 0 | 0 |
| CHEM | <i>Chemical Register</i> | Y | 0 | 0 | 0 |
| CNG | <i>Compressed Natural Gas Stations</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 | 4 | 4 |
| 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 | 6 | 6 |
| EIIS | <i>Environmental Issues Inventory System</i> | Y | 0 | 0 | 0 |
| EMHE | <i>Emergency Management Historical Event</i> | Y | 0 | 0 | 0 |
| EXP | <i>List of TSSA Expired Facilities</i> | Y | 0 | 23 | 23 |
| 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 | 2 | 2 |
| FSTH | <i>Fuel Storage Tank - Historic</i> | Y | 0 | 4 | 4 |
| GEN | <i>Ontario Regulation 347 Waste Generators Summary</i> | Y | 0 | 27 | 27 |
| GHG | <i>Greenhouse Gas Emissions from Large Facilities</i> | Y | 0 | 0 | 0 |
| HINC | <i>TSSA Historic Incidents</i> | Y | 0 | 0 | 0 |
| 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 |

| Database | Name | Searched | Project Property | Within 0.25 km | Total |
|-----------------|--|-----------------|-------------------------|-----------------------|--------------|
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBW | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory</i> | Y | 0 | 12 | 12 |
| 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 | 4 | 4 |
| PINC | <i>TSSA Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| PRT | <i>Private and Retail Fuel Storage Tanks</i> | Y | 0 | 3 | 3 |
| PTTW | <i>Permit to Take Water</i> | Y | 0 | 2 | 2 |
| REC | <i>Ontario Regulation 347 Waste Receivers Summary</i> | Y | 0 | 0 | 0 |
| RSC | <i>Record of Site Condition</i> | Y | 0 | 4 | 4 |
| RST | <i>Retail Fuel Storage Tanks</i> | Y | 0 | 4 | 4 |
| SCT | <i>Scott's Manufacturing Directory</i> | Y | 0 | 3 | 3 |
| SPL | <i>Ontario Spills</i> | Y | 0 | 8 | 8 |
| 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 | 10 | 10 |
| Total: | | | 0 | 129 | 129 |

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> |
|--------------------|-----------|--------------------------|----------------|---------------------|--------------------------|------------------------|
|--------------------|-----------|--------------------------|----------------|---------------------|--------------------------|------------------------|

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

Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|---|---|---------------------|----------------------|--------------------|
| 1 | EHS | | 93 Richmond Road Ottawa ON K1Z 6V8 | WSW/34.0 | -0.45 | 25 |
| 1 | RSC | Ashcroft Homes - 2057391 Ontario Inc. | 93 RICHMOND RD, OTTAWA, ON, K1Z 6V8, ON | WSW/34.0 | -0.45 | 25 |
| 2 | SCT | Explore Newsletter | 72 Robertson Rd Ottawa ON K2R 9R0 | E/54.7 | -1.02 | 25 |
| 3 | RSC | Ashcroft Homes-101 Richmond Road Inc. | 101 RICHMOND RD, OTTAWA, ON, K1Z 6V8 ON K1Z 6V8 | SW/55.8 | -0.19 | 26 |
| 4 | SPL | | 77 Richmond Road Ottawa ON | ENE/63.8 | -1.33 | 26 |
| 5 | WWIS | | Ottawa ON | WSW/64.2 | 0.33 | 26 |
| 6 | WWIS | | lot 89 Ottawa ON | SW/65.6 | 0.55 | 28 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 36 |
| 7 | EXP | CANADIAN TIRE PETROLEUM TINA FOLEY | 109 RICHMOND RD OTTAWA ON | WSW/71.6 | 1.18 | 36 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 36 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 37 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 37 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 37 |
| 7 | EXP | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON | WSW/71.6 | 1.18 | 37 |
| 7 | EXP | CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 38 |
| 7 | EXP | CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 38 |
| 7 | EXP | CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 38 |
| 7 | EXP | CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 38 |
| 7 | FSTH | CANADIAN TIRE CORP LTD ** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 39 |
| 7 | FSTH | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 39 |
| 7 | GEN | Canadian Tire Corporation, Limited | 109 Richmond Road Ottawa ON K1Z 6V8 | WSW/71.6 | 1.18 | 40 |
| 7 | GEN | Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW/71.6 | 1.18 | 40 |
| 7 | GEN | Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW/71.6 | 1.18 | 40 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|---|---|---------------------|----------------------|--------------------|
| 7 | GEN | Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW/71.6 | 1.18 | 41 |
| 7 | GEN | Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON | WSW/71.6 | 1.18 | 41 |
| 7 | PRT | CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS | 109 RICHMOND RD OTTAWA ON K1Z6V8 | WSW/71.6 | 1.18 | 41 |
| 7 | RST | CANADIAN TIRE STORES | 109 RICHMOND RD OTTAWA ON K1Z6V8 | WSW/71.6 | 1.18 | 41 |
| 7 | RST | CANADIAN TIRE GAS BAR | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW/71.6 | 1.18 | 41 |
| 8 | SPL | DOW MOTORS | 72 RICHMOND RD. FURNACE OIL TANK OTTAWA CITY ON K1Z 6V7 | ESE/73.9 | 0.10 | 42 |
| 9 | EHS | | Island Park Dr Ottawa ON | NE/74.8 | -2.10 | 42 |
| 10 | BORE | | ON | NNE/87.1 | -3.53 | 42 |
| 11 | WWIS | | Ottawa ON | WSW/91.6 | -0.48 | 43 |
| 12 | WWIS | | ON | WSW/98.5 | -0.68 | 56 |
| 13 | SPL | FRANCIS FUELS | RICHMOND ROAD AT PATRICIA TANK TRUCK (CARGO) OTTAWA CITY ON | SW/101.0 | -0.18 | 56 |
| 14 | GEN | Imperial Oil | Richmond Road @ Island Park Drive Ottawa ON K1Y 0B1 | ENE/112.7 | -1.75 | 57 |
| 15 | WWIS | | ON | SW/114.8 | -0.26 | 57 |
| 16 | EHS | | 348 Patricia Ave Ottawa ON K1Z 6G6 | W/122.5 | -2.02 | 59 |
| 17 | RSC | Ashcroft Homes - 111 Richmond Road Inc. | No Municipal Address OTTAWA ON | WSW/124.7 | -0.52 | 59 |
| 18 | EHS | | 119 Richmond Road Ottawa ON K1Z 6W1 | WSW/126.4 | -0.53 | 60 |
| 18 | GEN | CANADIAN TIRE, Store 88 | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW/126.4 | -0.53 | 60 |
| 18 | GEN | Canadian Tire Real Estate Limited | 119 Richmond Road Ottawa ON K1Z 6W1 | WSW/126.4 | -0.53 | 60 |
| 18 | PES | CANADIAN TIRE/DENANCO SALES LTD. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW/126.4 | -0.53 | 60 |
| 18 | PES | LES ENTREPRISES SYLVAIN CHARRON INC. | 119 RICHMOND ROAD OTTAWA ON K1Z 6W1 | WSW/126.4 | -0.53 | 61 |
| 18 | PES | CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW/126.4 | -0.53 | 61 |
| 18 | PES | CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW/126.4 | -0.53 | 61 |
| 19 | BORE | | ON | E/126.6 | -0.62 | 61 |
| 20 | WWIS | | OTTAWA ON | NE/133.9 | -2.02 | 61 |
| 21 | WWIS | | ON | ENE/145.0 | -2.01 | 63 |
| 22 | INC | | 327 ISLAND PARK DRIVE, OTTAWA ON K1Y 0A6 | N/145.3 | -3.32 | 64 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|----------------------------------|---|---------------------|----------------------|--------------------|
| 23 | GEN | SCEURS DE LE VISITATION D'OTTAWA | 114 RICHMOND RD OTTAWA ON | S/156.0 | 0.56 | 65 |
| 24 | GEN | Claridge Homes Corporation | 1451 Wellington Street West Ottawa ON K1Y 2X4 | ENE/156.5 | -1.48 | 65 |
| 25 | BORE | | ON | NNW/159.5 | -4.98 | 65 |
| 26 | BORE | | ON | NW/171.9 | -3.23 | 66 |
| 26 | WWIS | | lot 32 con 1 ON | NW/171.9 | -3.23 | 66 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 69 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 69 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 69 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 69 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 70 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 70 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 70 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 70 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 70 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 71 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 71 |
| 27 | EXP | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 71 |
| 27 | FST | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 71 |
| 27 | FST | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 72 |
| 27 | FSTH | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 72 |
| 27 | FSTH | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 73 |
| 27 | PRT | NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE/173.3 | -1.39 | 73 |
| 27 | RST | ISLAND PARK ESSO SERVICE CENTRE | 369 ISLAND PARK DR OTTAWA ON K1Y 0B1 | ENE/173.3 | -1.39 | 73 |
| 27 | RST | ISLAND PARK ESSO SERVICE CENTRE | 369 ISLAND PARK DR OTTAWA ON K1Y0B1 | ENE/173.3 | -1.39 | 74 |
| 28 | WWIS | | OTTAWA ON | ENE/177.5 | -1.73 | 74 |
| 29 | BORE | | ON | SSW/179.6 | 1.44 | 75 |
| 30 | BORE | | ON | SSW/180.8 | 1.79 | 75 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|---|---|---------------------|----------------------|--------------------|
| 31 | GEN | Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON | SSW/188.9 | 1.63 | 76 |
| 31 | GEN | Ottawa-Carleton District School Board Health & Safety | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW/188.9 | 1.63 | 76 |
| 32 | BORE | | ON | ESE/195.5 | 3.38 | 77 |
| 33 | CA | Newcombe Holdings Limited | 1440 Wellington Street West Ottawa ON K1Y 2X3 | ENE/197.6 | -1.31 | 77 |
| 34 | CA | CANADIAN BANK NOTE COMPANY LTD. | 145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1 | W/198.3 | -3.14 | 77 |
| 34 | CA | Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 78 |
| 34 | CA | Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 78 |
| 34 | EBR | CANADIAN BANK NOTE COMPANY LTD. | 145 RICHMOND ROAD City of Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 78 |
| 34 | EBR | Canadian Bank Note Company Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 79 |
| 34 | EBR | Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 79 |
| 34 | EBR | Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 79 |
| 34 | EHS | | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 79 |
| 34 | GEN | CANADIAN BANK NOTE CO. LTD. | P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W/198.3 | -3.14 | 80 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W/198.3 | -3.14 | 80 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED08-146 | 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W/198.3 | -3.14 | 81 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 82 |
| 34 | GEN | Ed Brunet & Associates Inc. | 145 Richmond Road Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 84 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 84 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 85 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 86 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 88 |
| 34 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 89 |
| 34 | PTTW | Canadian Bank Note Company Ltd | 145 Richmond Road City of Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 90 |
| 34 | SCT | Canadian Bank Note Co. Ltd. | 145 Richmond Rd Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 91 |
| 34 | SCT | Canadian Bank Note Company Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 91 |
| 34 | SPL | PRIVATE BUSINESS | 145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1 | W/198.3 | -3.14 | 91 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|--|--|---------------------|----------------------|---------------------|
| 34 | SPL | Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL> | 145 Richmond Rd Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 92 |
| 34 | SPL | Pinchin Environmental Ltd. | 145 Richmond Rd Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 92 |
| 34 | SPL | Canadian Bank Note Company, Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | W/198.3 | -3.14 | 92 |
| 35 | GEN | Ottawa-Carleton District School Board Health & Safety | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW/198.4 | 1.83 | 93 |
| 35 | GEN | Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW/198.4 | 1.83 | 93 |
| 35 | GEN | Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW/198.4 | 1.83 | 93 |
| 36 | WWIS | | OTTAWA ON | ENE/202.8 | -0.57 | 93 |
| 37 | EHS | | 368 Piccadilly Avenue Ottawa ON K1Y 0H4 | ENE/209.9 | -1.07 | 95 |
| 38 | RSC | THEBERGE DEVELOPMENTS (WESTBORO) LIMITED | 1433 WELLINGTON ST, OTTAWA, ON, K1Y 2X4 | ENE/212.3 | -1.63 | 95 |
| 39 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON | WSW/213.4 | -2.07 | 96 |
| 39 | GEN | CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON k1z 1a1 | WSW/213.4 | -2.07 | 97 |
| 39 | SPL | Canadian Bank Note Company, Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | WSW/213.4 | -2.07 | 99 |
| 40 | NPRI | CANADIAN BANK NOTE, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 99 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 100 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 102 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 103 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 103 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 104 |
| 40 | NPRI | CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 104 |
| 40 | NPRI | CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 105 |
| 40 | NPRI | CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 105 |
| 40 | NPRI | CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 106 |
| 40 | NPRI | CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 106 |
| 40 | NPRI | Canadian Bank Note Co. Ltd. | 145 Richmond Road Ottawa ON K1Z1A1 | W/217.9 | -2.38 | 106 |
| 41 | BORE | | ON | W/240.7 | -2.94 | 107 |
| 42 | EXP | GUS & JOHN SERVICE STATIONS LTD | 24 RICHMOND RD OTTAWA ON K1Y 2X2 | ENE/243.8 | -0.98 | 107 |

| <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> |
|--------------------|-----------|---------------------------------|--|---------------------|----------------------|---------------------|
| 42 | PRT | GUS & JOHN SERVICE STATIONS LTD | 24 RICHMOND RD OTTAWA ON K1Y 2X2 | ENE/243.8 | -0.98 | 10 |
| 43 | PTTW | Canadian Bank Note Company Ltd | Lot 145 Richmond Road City of Ottawa ON | WSW/245.4 | 0.36 | 108 |

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 8 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 | SSW | 179.59 | <u>29</u> |
| | ON | SSW | 180.83 | <u>30</u> |
| | ON | ESE | 195.53 | <u>32</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|-----------------------|-------------------------|----------------------------|---------------------------|
| | ON | NNE | 87.06 | <u>10</u> |
| | ON | E | 126.63 | <u>19</u> |
| | ON | NNW | 159.49 | <u>25</u> |
| | ON | NW | 171.92 | <u>26</u> |
| | ON | W | 240.66 | <u>41</u> |

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--|-------------------------|----------------------------|---------------------------|
| Newcombe Holdings Limited | 1440 Wellington Street West Ottawa ON K1Y 2X3 | ENE | 197.56 | <u>33</u> |
| Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | <u>34</u> |
| Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | <u>34</u> |
| CANADIAN BANK NOTE COMPANY LTD. | 145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1 | W | 198.32 | <u>34</u> |

EBR - Environmental Registry

A search of the EBR database, dated 1994-Apr 2017 has found that there are 4 EBR site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------------|--|------------------|---------------------|--------------------|
| CANADIAN BANK NOTE COMPANY LTD. | 145 RICHMOND ROAD City of Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Company Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Company, Limited | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | 34 |

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------|--|------------------|---------------------|--------------------|
| | 93 Richmond Road Ottawa ON K1Z 6V8 | WSW | 34.02 | 1 |
| | Island Park Dr Ottawa ON | NE | 74.84 | 9 |
| | 348 Patricia Ave Ottawa ON K1Z 6G6 | W | 122.50 | 16 |
| | 119 Richmond Road Ottawa ON K1Z 6W1 | WSW | 126.40 | 18 |
| | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| | 368 Piccadilly Avenue Ottawa ON K1Y 0H4 | ENE | 209.90 | 37 |

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 23 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> |
|--|--------------------------------------|------------------|---------------------|-------------------|
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE PETROLEUM TINA FOLEY | 109 RICHMOND RD OTTAWA ON | WSW | 71.62 | 7 |
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORPORATION, LIMITED | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--------------------------------------|-------------------------|----------------------------|-----------------------|
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON | WSW | 71.62 | 7 |
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------------------|--|-------------------------|----------------------------|-----------------------|
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| GUS & JOHN SERVICE STATIONS LTD | 24 RICHMOND RD OTTAWA ON K1Y 2X2 | ENE | 243.76 | 42 |

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|--|-------------------------|----------------------------|-----------------------|
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 4 FSTH site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--------------------------------------|-------------------------|----------------------------|--------------------------|
| CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |
| CANADIAN TIRE CORP LTD ** | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|--|-------------------------|----------------------------|---------------------------|
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | <u>27</u> |
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | ENE | 173.28 | <u>27</u> |

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 27 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> |
|--|--|-------------------------|----------------------------|---------------------------|
| Canadian Tire Corporation, Limited | 109 Richmond Road Ottawa ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |
| Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |
| Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |
| Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON | WSW | 71.62 | <u>7</u> |
| Canadian Tire Real Estate Limited | Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | WSW | 71.62 | <u>7</u> |
| SCEURS DE LE VISITATION D'OTTAWA | 114 RICHMOND RD OTTAWA ON | S | 156.00 | <u>23</u> |
| Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON | SSW | 188.93 | <u>31</u> |
| Ottawa-Carleton District School Board Health & Safety | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW | 188.93 | <u>31</u> |
| Ottawa-Carleton District School Board Health & Safety | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW | 198.44 | <u>35</u> |
| Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW | 198.44 | <u>35</u> |
| Ottawa-Carleton District School Board | 407 Hilson Avenue Ottawa ON K1Z 6B9 | SSW | 198.44 | <u>35</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|-----------------------|-------------------------|----------------------------|-----------------------|
|-------------------------------|-----------------------|-------------------------|----------------------------|-----------------------|

| | | | | |
|---|---|-----|--------|--------------------|
| Imperial Oil | Richmond Road @ Island Park Drive Ottawa ON K1Y 0B1 | ENE | 112.73 | 14 |
| CANADIAN TIRE, Store 88 | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW | 126.40 | 18 |
| Canadian Tire Real Estate Limited | 119 Richmond Road Ottawa ON K1Z 6W1 | WSW | 126.40 | 18 |
| Claridge Homes Corporation | 1451 Wellington Street West Ottawa ON K1Y 2X4 | ENE | 156.53 | 24 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE CO. LTD. | P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED08-146 | 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Ed Brunet & Associates Inc. | 145 Richmond Road Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON | WSW | 213.40 | 39 |
| CANADIAN BANK NOTE COMPANY LIMITED | 145 Richmond Rd. Ottawa ON k1z 1a1 | WSW | 213.40 | 39 |

INC - TSSA Incidents

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

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|---|-------------------------|----------------------------|-----------------------|
| | 327 ISLAND PARK DRIVE, OTTAWA ON K1Y 0A6 | N | 145.26 | 22 |

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-2014 has found that there are 12 NPRI site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------------------|---------------------------------------|-------------------------|----------------------------|-----------------------|
| CANADIAN BANK NOTE, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |

| | | | | |
|-------------------------------------|---------------------------------------|---|--------|--------------------|
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| Canadian Bank Note Co. Ltd. | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE CO. LTD. | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |
| CANADIAN BANK NOTE COMPANY, LIMITED | 145 Richmond Road Ottawa ON K1Z1A1 | W | 217.87 | 40 |

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---|--|-------------------------|----------------------------|-----------------------|
| CANADIAN TIRE/DENANCO SALES LTD. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW | 126.40 | 18 |
| LES ENTREPRISES SYLVAIN CHARRON INC. | 119 RICHMOND ROAD OTTAWA ON K1Z 6W1 | WSW | 126.40 | 18 |
| CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW | 126.40 | 18 |
| CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. | 119 RICHMOND RD OTTAWA ON K1Z 6W1 | WSW | 126.40 | 18 |

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 3 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> |
|---|-------------------------------------|-------------------------|----------------------------|-----------------------|
| CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS | 109 RICHMOND RD OTTAWA ON K1Z6V8 | WSW | 71.62 | 7 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|-----------------------|-------------------------|----------------------------|-----------------------|
|-------------------------------|-----------------------|-------------------------|----------------------------|-----------------------|

| | | | | |
|---------------------------------|---|-----|--------|--------------------|
| NEWCOMBE HOLDINGS LIMITED | 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | ENE | 173.28 | 27 |
| GUS & JOHN SERVICE STATIONS LTD | 24 RICHMOND RD OTTAWA ON K1Y 2X2 | ENE | 243.76 | 42 |

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Apr 2017 has found that there are 2 PTTW site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------------------------|--|-------------------------|----------------------------|-----------------------|
| Canadian Bank Note Company Ltd | Lot 145 Richmond Road City of Ottawa ON | WSW | 245.36 | 43 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------------------|--|-------------------------|----------------------------|-----------------------|
| Canadian Bank Note Company Ltd | 145 Richmond Road City of Ottawa ON K1Z 1A1 | W | 198.32 | 34 |

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Apr 2017 has found that there are 4 RSC site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--|-------------------------|----------------------------|-----------------------|
| Ashcroft Homes - 2057391 Ontario Inc. | 93 RICHMOND RD, OTTAWA, ON, K1Z 6V8, ON | WSW | 34.02 | 1 |
| Ashcroft Homes-101 Richmond Road Inc. | 101 RICHMOND RD, OTTAWA, ON, K1Z 6V8 ON K1Z 6V8 | SW | 55.76 | 3 |
| Ashcroft Homes - 111 Richmond Road Inc. | No Municipal Address OTTAWA ON | WSW | 124.68 | 17 |
| THEBERGE DEVELOPMENTS (WESTBORO) LIMITED | 1433 WELLINGTON ST, OTTAWA, ON, K1Y 2X4 ON K1Y 2X4 | ENE | 212.30 | 38 |

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999 - Oct 2016 has found that there are 4 RST site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------------------------|--------------------------------------|-------------------------|----------------------------|-----------------------|
| CANADIAN TIRE GAS BAR | 109 RICHMOND RD OTTAWA ON K1Z 6V8 | WSW | 71.62 | 7 |
| CANADIAN TIRE STORES | 109 RICHMOND RD OTTAWA ON K1Z6V8 | WSW | 71.62 | 7 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---------------------------------|---|-------------------------|----------------------------|-----------------------|
| ISLAND PARK ESSO SERVICE CENTRE | 369 ISLAND PARK DR OTTAWA ON K1Y 0B1 | ENE | 173.28 | 27 |

| | | | | |
|---------------------------------|--|-----|--------|--------------------|
| ISLAND PARK ESSO SERVICE CENTRE | 369 ISLAND PARK DR OTTAWA ON K1Y0B1 | ENE | 173.28 | 27 |
|---------------------------------|--|-----|--------|--------------------|

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------------------|--------------------------------------|-------------------------|----------------------------|-----------------------|
| Explore Newsletter | 72 Robertson Rd Ottawa ON K2R 9R0 | E | 54.72 | 2 |
| Canadian Bank Note Company Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Co. Ltd. | 145 Richmond Rd Ottawa ON K1Z 1A1 | W | 198.32 | 34 |

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 8 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> |
|--------------------------------------|--|-------------------------|----------------------------|-----------------------|
| DOW MOTORS | 72 RICHMOND RD. FURNACE OIL TANK OTTAWA CITY ON K1Z 6V7 | ESE | 73.95 | 8 |

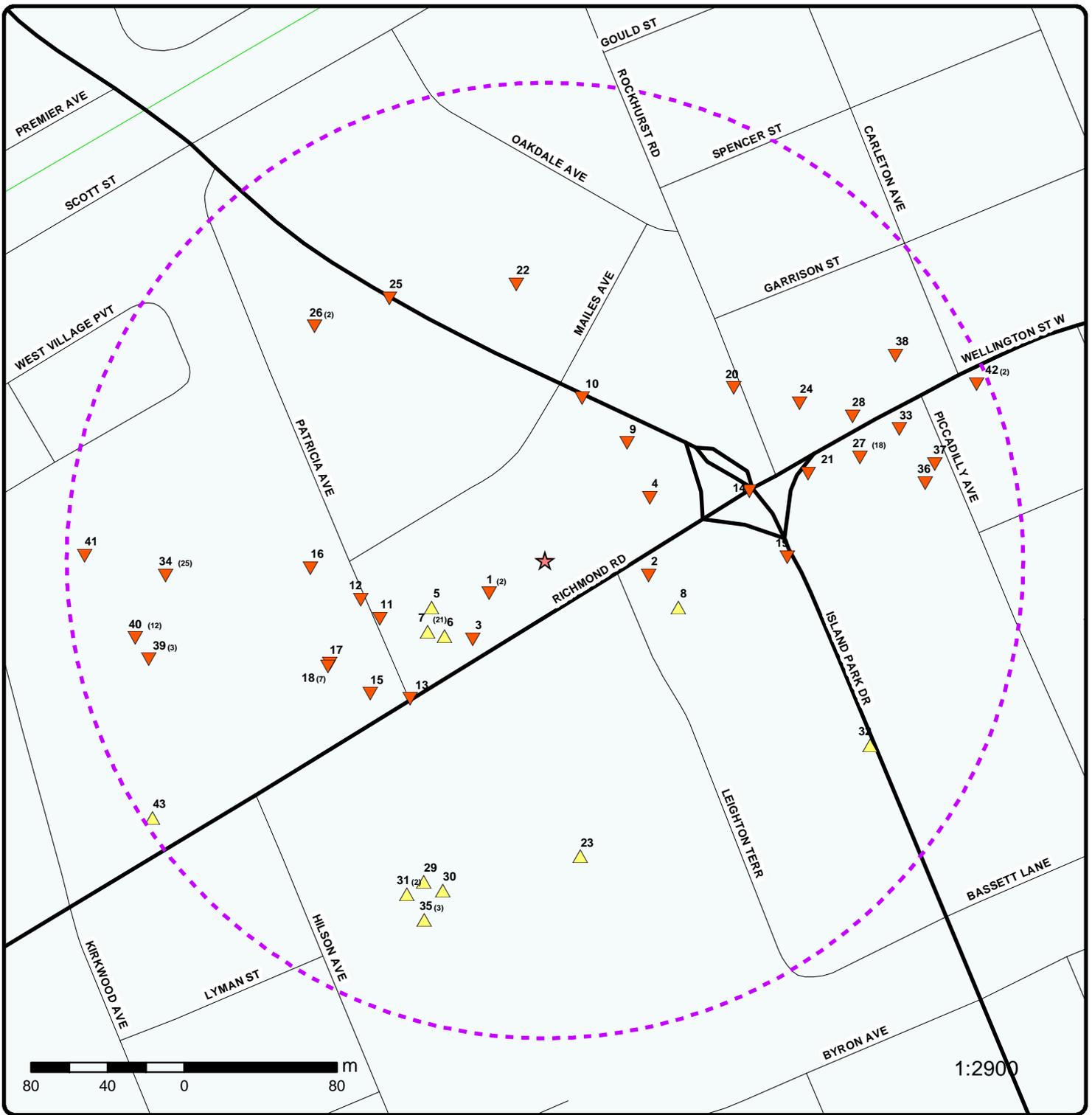
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--|-------------------------|----------------------------|-----------------------|
| | 77 Richmond Road Ottawa ON | ENE | 63.83 | 4 |
| FRANCIS FUELS | RICHMOND ROAD AT PATRICIA TANK TRUCK (CARGO) OTTAWA CITY ON | SW | 101.02 | 13 |
| Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL> PRIVATE BUSINESS | 145 Richmond Rd Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| | 145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1 | W | 198.32 | 34 |
| Pinchin Environmental Ltd. | 145 Richmond Rd Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Company, Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | W | 198.32 | 34 |
| Canadian Bank Note Company, Limited | 145 Richmond Rd Ottawa ON K1Z 1A1 | WSW | 213.40 | 39 |

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 10 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> |
|--------------------------------------|-----------------------|-------------------------|----------------------------|-----------------------|
| | Ottawa ON | WSW | 64.20 | 5 |

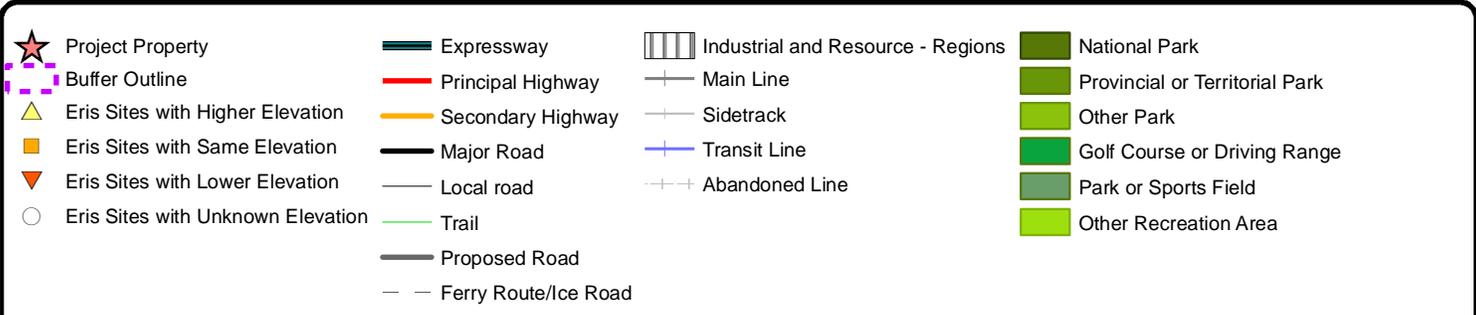
| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|---------------------|------------------|---------------------|---------------------------|
| | lot 89 Ottawa ON | SW | 65.59 | <u>6</u> |
| | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
| | Ottawa ON | WSW | 91.56 | <u>11</u> |
| | ON | WSW | 98.48 | <u>12</u> |
| | ON | SW | 114.79 | <u>15</u> |
| | OTTAWA ON | NE | 133.86 | <u>20</u> |
| | ON | ENE | 144.99 | <u>21</u> |
| | lot 32 con 1 ON | NW | 171.92 | <u>26</u> |
| | OTTAWA ON | ENE | 177.52 | <u>28</u> |
| | OTTAWA ON | ENE | 202.77 | <u>36</u> |



Map : 0.25 Kilometer Radius

Order No: 20170530017

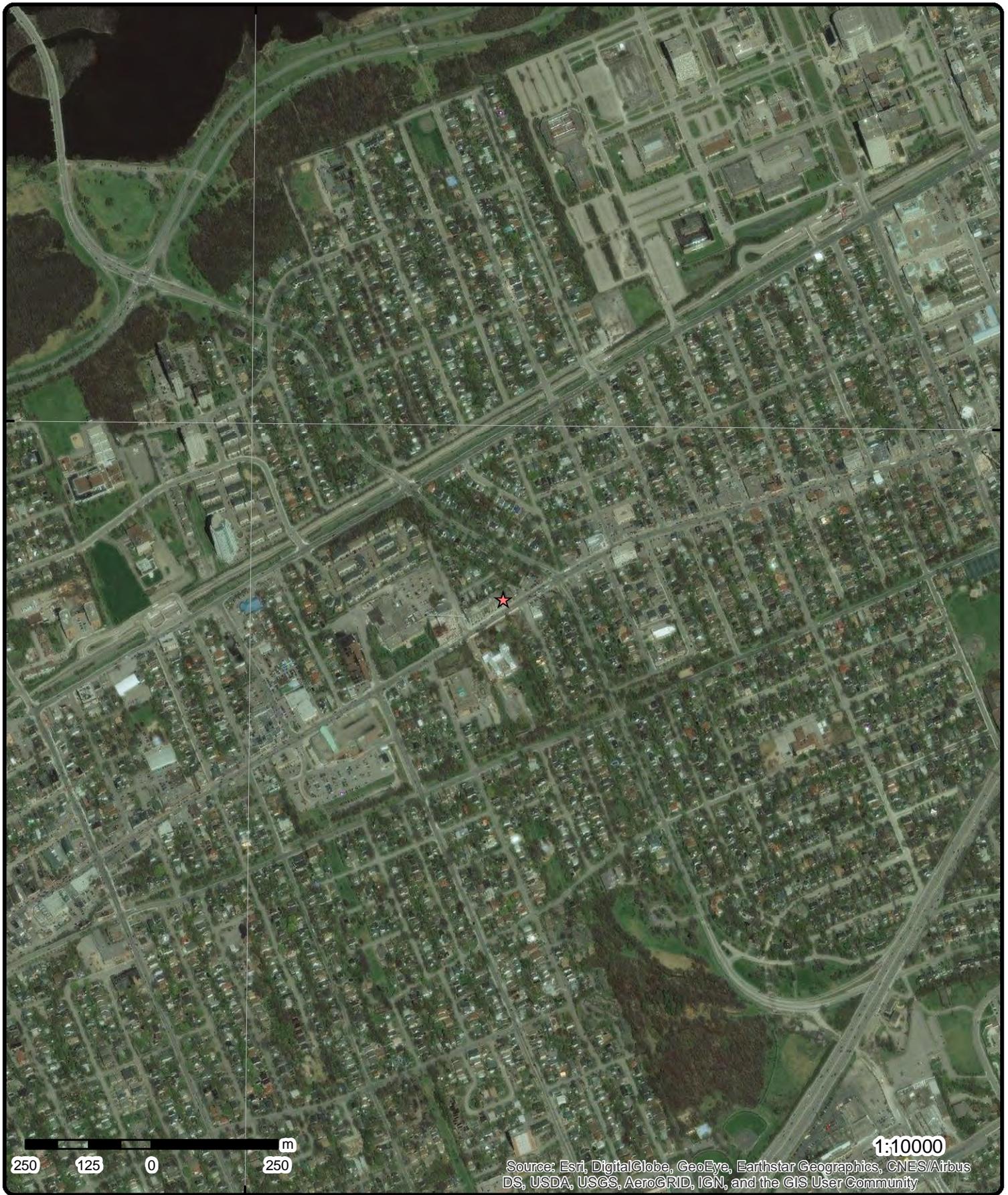
Address: 89 Richmond Rd, Ottawa, ON, K1Z6V8



75°45'W

45°24'N

45°24'N



250 125 0 250 m

1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial

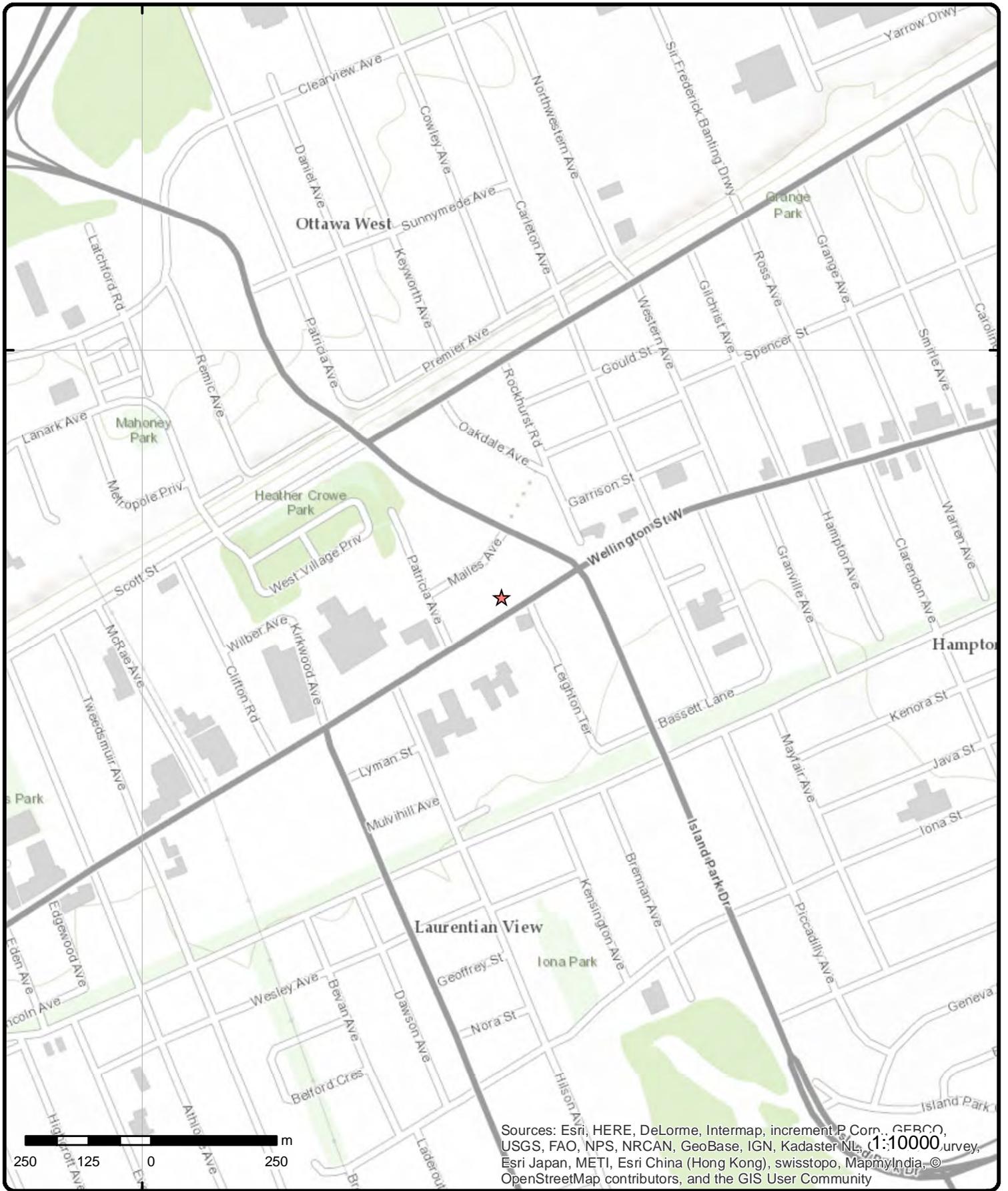
Address: 89 Richmond Rd, Ottawa, ON, K1Z6V8

Source: ESRI World Imagery

Order No: 20170530017



© ERIS Information Limited Partnership



Topographic Map

Address: 89 Richmond Rd, Ottawa, ON, K1Z6V8

Source: ESRI World Topographic Map

Order No: 20170530017



© ERIS Information Limited Partnership

Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|---|-----|
| 1 | 1 of 2 | WSW/34.0 | 67.2 | 93 Richmond Road Ottawa ON K1Z 6V8 | EHS |
| Postal Code: City: Address2: Address1: Provstate: Order No.: 20040630006 Addit. Info Ordered:: Report Date: 7/9/04 Report Type: Custom Report Search Radius (km): 0.25 | | | | | |
| 1 | 2 of 2 | WSW/34.0 | 67.2 | Ashcroft Homes - 2057391 Ontario Inc. 93 RICHMOND RD, OTTAWA, ON, K1Z 6V8, ON | RSC |
| Registration No.: 3125 RSC Type: Restoration Type: Date Submitted: 15-May-06 Date Acknowledg.: Certification Date: 11-Apr-06 Date Returned: Soil Type: Criteria: Current Property Use: Residential Certificated Prop Use No.: No CPU Intended Prop Use: Residential Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use Stratified (Y/N): Consultant: District Office: OTTAWA Property Municipal Address: 93 RICHMOND RD, OTTAWA, ON, K1Z 6V8, Legal Description: Lots 84, 85, 86 and 87 on Registered Plan 400, Formerly Township of Nepean, now City of Ottawa Prop. Identification No.: 04021-0111 Entire legal prop. (y/n): Yes UTM Coordinates: NAD83 18-441765-5027285 Latitude & Longitude: 45.39665950N 75.74403120W (converted from UTM) Accuracy Estimate: 6 to 10 meters Measurement Method: Digitized from a map CPU Issued Sect 1686: No | | | | | |
| 2 | 1 of 1 | E/54.7 | 66.6 | Explore Newsletter 72 Robertson Rd Ottawa ON K2R 9R0 | SCT |
| Established: Plant Size (ft²): Employment: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|------------------------------------|-------------------|--|------------------|---|------|
| --Details-- | | | | | |
| Description: | | Periodical Publishers | | | |
| SIC/NAICS Code: | | 511120 | | | |
| <u>3</u> | 1 of 1 | SW/55.8 | 67.4 | Ashcroft Homes-101 Richmond Road Inc. 101 RICHMOND RD, OTTAWA, ON, K1Z 6V8 ON K1Z 6V8 | RSC |
| Registration No: | | 58713 | | | |
| RSC Type: | | | | | |
| Restoration Type: | | | | | |
| Date Submitted: | | 3-Sep-10 | | | |
| Date Acknowledg.: | | | | | |
| Certification Date: | | 3-Jun-10 | | | |
| Date Returned: | | | | | |
| Soil Type: | | | | | |
| Criteria: | | | | | |
| Current Property Use: | | Commercial | | | |
| Certificate Prop Use No: | | No CPU | | | |
| Intended Prop Use: | | Residential | | | |
| Applicable Standards: | | Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use | | | |
| Stratified (Y/N): | | | | | |
| Consultant: | | | | | |
| District Office: | | OTTAWA | | | |
| Property Municipal Address: | | 101 RICHMOND RD, OTTAWA, ON, K1Z 6V8 | | | |
| Legal Description: | | Lots 88 & 89, PPlan 400; Ottawa/Nepean | | | |
| Prop. Identification No: | | 04021-0112 LT | | | |
| Entire legal prop. (y/n): | | Yes | | | |
| UTM Coordinates: | | NAD83 18-441754-5027255 (converted from Latitude & Longitude) | | | |
| Latitude & Longitude: | | 45.39638890N 75.74416670W | | | |
| Accuracy Estimate: | | 11 to 20 meters | | | |
| Measurement Method: | | Digitized from a satellite image | | | |
| CPU Issued Sect 1686: | | No | | | |
| <u>4</u> | 1 of 1 | ENE/63.8 | 66.3 | 77 Richmond Road Ottawa ON | SPL |
| Ref No: | | 3278-9R8SEX | | | |
| Contaminant Code: | | 15 | | | |
| Contaminant Name: | | MOTOR OIL | | | |
| Contaminant Quantity: | | 0 other - see incident description | | | |
| Incident Cause: | | Dumping | | | |
| Incident Dt: | | 2014/11/26 | | | |
| Incident Reason: | | Intentional Discharge | | | |
| Incident Summary: | | Legacy Auto: observation of improper disposal of motor oil | | | |
| MOE Reported Dt: | | 2014/11/26 | | | |
| Environmental Impact: | | | | | |
| Nature of Impact: | | Surface Water | | | |
| Receiving Medium: | | | | | |
| SAC Action Class: | | Watercourse Spills | | | |
| Sector Source Type: | | Container/Drum/Tote | | | |
| Receiving Environment: | | | | | |
| Incident Event: | | | | | |
| Site Municipality: | | Ottawa | | | |
| <u>5</u> | 1 of 1 | WSW/64.2 | 68.0 | Ottawa ON | WWIS |
| Well ID: | | 7106336 | | Lot: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|-----------------------------|------------------------------------|--------------------------|--------------------------|-----------|
| Construction Date:: | | | | Concession: | |
| Primary Water Use:: | Test Hole | | | Concession Name: | |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | Test Hole | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 1001613909 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 17-APR-08 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441742 | | | | |
| North 83: | 5027285 | | | | |
| UTMRC: | 3 | | | | |
| UTMRC Description: | margin of error : 10 - 30 m | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | 65.49 | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Overburden and Bedrock | | | | | |
| Materials Interval | | | | | |
| -- | -- | | | | |
| Formation ID: | 1002702133 | | | | |
| Layer: | 1 | | | | |
| General Color: | BLACK | | | | |
| Most Common Material: | OTHER | | | | |
| Other Materials: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | 0 | | | | |
| Formation End Depth: | .15 | | | | |
| Formation End Depth UOM: | m | | | | |
| -- | -- | | | | |
| Formation ID: | 1002702134 | | | | |
| Layer: | 2 | | | | |
| General Color: | GREY | | | | |
| Most Common Material: | GRAVEL | | | | |
| Other Materials: | TILL | | | | |
| Other Materials: | SANDY | | | | |
| Formation Top Depth: | .15 | | | | |
| Formation End Depth: | 4 | | | | |
| Formation End Depth UOM: | m | | | | |
| -- | -- | | | | |
| Annular Space/Abandonment | | | | | |
| Sealing Record | | | | | |
| -- | -- | | | | |
| Plug ID: | 1002702136 | | | | |
| Layer: | 1 | | | | |
| Plug From: | 0 | | | | |
| Plug To: | .3 | | | | |
| Plug Depth UOM: | m | | | | |
| -- | -- | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Plug ID: | | 1002702137 | | | |
| Layer: | | 2 | | | |
| Plug From: | | .3 | | | |
| Plug To: | | 2 | | | |
| Plug Depth UOM: | | m | | | |
| -- | | -- | | | |
| Plug ID: | | 1002702138 | | | |
| Layer: | | 3 | | | |
| Plug From: | | 2 | | | |
| Plug To: | | 4 | | | |
| Plug Depth UOM: | | m | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002702142 | | | |
| Method Construction Code: | | F | | | |
| Method Construction: | | H.S.A. | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002702132 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | -- | | | |
| Casing ID: | | 1002702139 | | | |
| Layer: | | 1 | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 2.3 | | | |
| Casing Diameter: | | 5.2 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002702140 | | | |
| Layer: | | 1 | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 2.3 | | | |
| Screen End Depth: | | 4 | | | |
| Screen Material: | | 5 | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | cm | | | |
| Screen Diameter: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002702135 | | | |
| Diameter: | | 20.3 | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 4 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | | -- | | | |
| -- | | -- | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|------------------------------------|------------------------------------|--------------------------|--------------------------|-----------|
| Well ID: | 7117157 | | | Lot: 089 | |
| Construction Date:: | | | | Concession: | |
| Primary Water Use:: | | | | Concession Name: | |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | Abandoned Monitoring and Test Hole | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 1002792814 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 01-OCT-08 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441749 | | | | |
| North 83: | 5027270 | | | | |
| UTMRC: | 3 | | | | |
| UTMRC Description: | margin of error : 10 - 30 m | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | 65.73 | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | 1002792817 | | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |
| Hole Diameter | | | | | |
| -- | -- | | | | |
| Hole ID: | 1002792816 | | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | 3.8 | | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | | | | | |
| -- | -- | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 1002792810 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 01-OCT-08 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441739 | | | | |
| North 83: | 5027285 | | | | |
| UTMRC: | 3 | | | | |
| UTMRC Description: | margin of error : 10 - 30 m | | | | |
| Location Method: | wwr | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.49 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002792813 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002792812 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 4.6 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1002792806 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441745 | | | |
| North 83: | | 5027279 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.58 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002792809 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002792808 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Depth To: | | 5.2 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1002792802 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441744 | | | |
| North 83: | | 5027267 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.76 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | -- | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002792805 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002792804 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 3.8 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1002792798 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441735 | | | |
| North 83: | | 5027259 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.91 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-----------------------------|------------------------------------|--------------------------|-------------|-----------|
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | -- | | | | |
| Method of Construction & Well Use | | | | | |
| Method Construction ID: | 1002792801 | | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| Hole Diameter | | | | | |
| Hole ID: | 1002792800 | | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | 3.8 | | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | | | | | |
| Bore Hole ID: | 1002792794 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 01-OCT-08 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441728 | | | | |
| North 83: | 5027272 | | | | |
| UTMRC: | 3 | | | | |
| UTMRC Description: | margin of error : 10 - 30 m | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | 65.6 | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | -- | | | | |
| Method of Construction & Well Use | | | | | |
| Method Construction ID: | 1002792797 | | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| Hole Diameter | | | | | |
| Hole ID: | 1002792796 | | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | 4.4 | | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | | | | | |
| Bore Hole ID: | 1002792790 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441734 | | | |
| North 83: | | 5027265 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.76 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | -- | | | |
| Method of Construction & Well Use | | -- | | | |
| Method Construction ID: | | 1002792793 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | -- | | | |
| Hole Diameter | | -- | | | |
| Hole ID: | | 1002792792 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 5.8 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | -- | | | |
| Bore Hole ID: | | 1002792786 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441730 | | | |
| North 83: | | 5027272 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.61 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | -- | | | |
| Method of Construction & Well | | -- | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | | 1002792789 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |
| Hole Diameter | | | | | |
| -- | -- | | | | |
| Hole ID: | | 1002792788 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 5.2 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | | | | |
| -- | -- | | | | |
| -- | -- | | | | |
| Bore Hole ID: | | 1002792782 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441755 | | | |
| North 83: | | 5027270 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wvr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.75 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | | 1002792785 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |
| Hole Diameter | | | | | |
| -- | -- | | | | |
| Hole ID: | | 1002792784 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 3.8 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | | | | |
| -- | -- | | | | |
| -- | -- | | | | |
| Bore Hole ID: | | 1002792777 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Zone: | | 18 | | | |
| East 83: | | 441743 | | | |
| North 83: | | 5027287 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.48 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002792781 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002792780 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002792779 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 3.8 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1001921553 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | N | | | |
| Date Completed: | | 01-OCT-08 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441752 | | | |
| North 83: | | 5027282 | | | |
| UTMRC: | | 3 | | | |
| UTMRC Description: | | margin of error : 10 - 30 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.57 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|-----|
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002792818 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0 | | | |
| Plug To: | | 4.7 | | | |
| Plug Depth UOM: | | m | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002792819 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| <u>7</u> | 1 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Fir** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 9467634 | | | | | |
| Instance ID: | | | | | |
| Instance Type: FS Facility | | | | | |
| Description: | | | | | |
| Status: EXPIRED | | | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: 5/15/2009 | | | | | |
| <u>7</u> | 2 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE PETROLEUM TINA FOLEY 109 RICHMOND RD OTTAWA ON | EXP |
| Instance No: 10113020 | | | | | |
| Instance ID: 12217 | | | | | |
| Instance Type: FS Facility | | | | | |
| Description: FS Propane Cylr Handling Facility | | | | | |
| Status: EXPIRED | | | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | | | | |
| <u>7</u> | 3 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Fir** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 11342201 | | | | | |
| Instance ID: | | | | | |
| Instance Type: FS Liquid Fuel Tank | | | | | |
| Description: | | | | | |
| Status: EXPIRED | | | | | |
| TSSA Program Area: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|--|-----|
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | 5/15/2009 | | | |
| 7 | 4 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: | | 11342261 | | | |
| Instance ID: | | | | | |
| Instance Type: | | FS Liquid Fuel Tank | | | |
| Description: | | | | | |
| Status: | | EXPIRED | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | 5/15/2009 | | | |
| 7 | 5 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: | | 11342221 | | | |
| Instance ID: | | | | | |
| Instance Type: | | FS Liquid Fuel Tank | | | |
| Description: | | | | | |
| Status: | | EXPIRED | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | 5/15/2009 | | | |
| 7 | 6 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: | | 11342242 | | | |
| Instance ID: | | | | | |
| Instance Type: | | FS Liquid Fuel Tank | | | |
| Description: | | | | | |
| Status: | | EXPIRED | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | 5/15/2009 | | | |
| 7 | 7 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 109 RICHMOND RD OTTAWA ON | EXP |
| Instance No: | | 11342278 | | | |
| Instance ID: | | 78942 | | | |
| Instance Type: | | FS Piping | | | |
| Description: | | FS Piping | | | |
| Status: | | EXPIRED | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|-----|
| TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | | | | | |
| 7 | 8 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORPORATION, LIMITED 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 11342242 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/15/2009 | | | | | |
| 7 | 9 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORPORATION, LIMITED 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 11342221 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/15/2009 | | | | | |
| 7 | 10 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORPORATION, LIMITED 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 11342201 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/15/2009 | | | | | |
| 7 | 11 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORPORATION, LIMITED 109 RICHMOND RD OTTAWA ON K1Z 6V8 | EXP |
| Instance No: 11342261 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|------------------------------|-------------------|--|------------------|--|------|
| Expired Date: | | 5/15/2009 | | | |
| 7 | 12 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD ** 109 RICHMOND RD OTTAWA ON K1Z 6V8 | FSTH |
| License Issue Date: | | 5/24/2002 | | | |
| Tank Status: | | Licensed | | | |
| Tank Status As Of: | | August 2007 | | | |
| Operation Type: | | Retail Fuel Outlet | | | |
| Facility Type: | | Gasoline Station - Self Serve | | | |
| --Details-- | | | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 22700 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 22700 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 31824 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 31824 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| 7 | 13 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr 109 RICHMOND RD OTTAWA ON K1Z 6V8 | FSTH |
| License Issue Date: | | 5/24/2002 | | | |
| Tank Status: | | Licensed | | | |
| Tank Status As Of: | | December 2008 | | | |
| Operation Type: | | Retail Fuel Outlet | | | |
| Facility Type: | | Gasoline Station - Self Serve | | | |
| --Details-- | | | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 31824 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1991 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 31824 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|-----|
| <p>Status: Active</p> <p>Year of Installation: 1991</p> <p>Corrosion Protection:</p> <p>Capacity: 22700</p> <p>Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline</p> <p>Status: Active</p> <p>Year of Installation: 1991</p> <p>Corrosion Protection:</p> <p>Capacity: 22700</p> <p>Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline</p> | | | | | |
| 7 | 14 of 21 | WSW/71.6 | 68.8 | Canadian Tire Corporation, Limited 109 Richmond Road Ottawa ON K1Z 6V8 | GEN |
| <p>PO Box Num:</p> <p>Status:</p> <p>Country:</p> <p>Generator #: ON8097315</p> <p>Approval Yrs:: 07,08</p> <p>SIC Code: 447110</p> <p>SIC Description: Gasoline Stations with Convenience Stores</p> <p>--Details--</p> <p>Waste Code: 221</p> <p>Waste Description: LIGHT FUELS</p> | | | | | |
| 7 | 15 of 21 | WSW/71.6 | 68.8 | Canadian Tire Real Estate Limited Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | GEN |
| <p>PO Box Num:</p> <p>Status:</p> <p>Country:</p> <p>Generator #: ON8895010</p> <p>Approval Yrs:: As of April 2014</p> <p>SIC Code:</p> <p>SIC Description:</p> <p>--Details--</p> <p>Waste Code: 221</p> <p>Waste Description: Light fuels</p> | | | | | |
| 7 | 16 of 21 | WSW/71.6 | 68.8 | Canadian Tire Real Estate Limited Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | GEN |
| <p>PO Box Num:</p> <p>Status:</p> <p>Country:</p> <p>Generator #: ON8895010</p> <p>Approval Yrs:: 2011</p> <p>SIC Code: 447110</p> <p>SIC Description:</p> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|----------------------------|------------------|--|-----|
| 7 | 17 of 21 | WSW/71.6 | 68.8 | Canadian Tire Real Estate Limited Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8 | GEN |
| PO Box Num: Status: Country: Generator #: ON8895010 Approval Yrs.: 2012 SIC Code: 447110 SIC Description: Gasoline Stations with Convenience Stores | | | | | |
| 7 | 18 of 21 | WSW/71.6 | 68.8 | Canadian Tire Real Estate Limited Street Right of Way Near 109 Richmond Road Ottawa ON | GEN |
| PO Box Num: Status: Country: Generator #: ON8895010 Approval Yrs.: 2013 SIC Code: 447110 SIC Description: | | | | | |
| --Details-- | | | | | |
| Waste Code: 221 | | | | | |
| Waste Description: LIGHT FUELS | | | | | |
| 7 | 19 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS 109 RICHMOND RD OTTAWA ON K1Z6V8 | PRT |
| Location ID: 11056 Type: retail Expiry Date: 1995-06-30 Capacity (L): 0 Licence #: 0012228038 | | | | | |
| 7 | 20 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE STORES 109 RICHMOND RD OTTAWA ON K1Z6V8 | RST |
| Code: 1186800 Facility: Service Stations-Gasoline, Oil & Natural Gas Description: List Name: | | | | | |
| 7 | 21 of 21 | WSW/71.6 | 68.8 | CANADIAN TIRE GAS BAR 109 RICHMOND RD OTTAWA ON K1Z 6V8 | RST |
| Code: 1186800 Facility: Service Stations-Gasoline, Oil & Natural Gas Description: List Name: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|--|------------------|--|------|
| 8 | 1 of 1 | ESE/73.9 | 67.7 | DOW MOTORS 72 RICHMOND RD. FURNACE OIL TANK OTTAWA CITY ON K1Z 6V7 | SPL |
| Ref No: 8307 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: ABOVE-GROUND TANK LEAK Incident Dt: 8/19/1988 Incident Reason: EQUIPMENT FAILURE Incident Summary: DOW MOTORS - 800 L OF FURNACE OIL TO GROUND FROM LEAKY STORAGE TANK. MOE Reported Dt: 8/19/1988 Environmental Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 20101 | | | | | |
| 9 | 1 of 1 | NE/74.8 | 65.5 | Island Park Dr Ottawa ON | EHS |
| Postal Code: City: Address2: Address1: Provstate: Order No.: 20070517033 Addit. Info Ordered:: Report Date: 6/27/2007 Report Type: CAN - Custom Report Search Radius (km): 0.25 | | | | | |
| 10 | 1 of 1 | NNE/87.1 | 64.1 | ON | BORE |
| Borehole ID: 805594 Use: Geotechnical/Geological Investigation Drill Method:: Not known Easting:: 441820.77 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 1.6 Township:: Lot:: Completion Date:: 30-JUL-1987 Primary Water Use:: | | Type: Borehole Status:: UTM Zone:: 18 Northing:: 5027394.44 Orig. Ground Elev m:: -999.9 DEM Ground Elev m:: 63.7 Primary Name:: AH.4 Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use:: | | | |
| --Details-- Stratum ID: 218585406 Bottom Depth(m): 0.1 Stratum ID: 218585407 Bottom Depth(m): 0.7 Stratum ID: 218585408 Bottom Depth(m): 1.0 | | Top Depth(m): 0.0 Stratum Desc: Asphalt Top Depth(m): 0.1 Stratum Desc: Brown Sand - Gravel Top Depth(m): 0.7 Stratum Desc: Dark Brown Silt - Sand With: Gr W Org M | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------|-------------------|-------------------------|---------------|----------------------|-----------------------------|
| Stratum ID: | 218585409 | | | Top Depth(m): | 1.0 |
| Bottom Depth(m): | 1.6 | | | Stratum Desc: | Brown Silt - Sand Trace: Gr |

| | | | | | |
|---|-----------------|----------|------|--------------------------|------|
| 11 | 1 of 1 | WSW/91.6 | 67.2 | Ottawa ON | WWIS |
| Well ID: | 7128490 | | | Lot: | |
| Construction Date:: | | | | Concession: | |
| Primary Water Use:: | Monitoring | | | Concession Name: | |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | Test Hole | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 1002817759 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 22-APR-09 | | | | |
| Remarks: | | | | | |
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | 9 | | | | |
| UTMRC Description: | unknown UTM | | | | |
| Location Method: | na | | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | -- | | | | |
| Plug ID: | 1002817763 | | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | 1002817762 | | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | HSA | | | | |
| -- | -- | | | | |
| Pipe Information | | | | | |
| -- | -- | | | | |
| Pipe ID: | 1002817764 | | | | |
| Casing Number: | 0 | | | | |
| Comment: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | | | | |
| Casing ID: | | 1002817766 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 1.6 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | | | | |
| Screen ID: | | 1002817765 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 1.6 | | | |
| Screen End Depth: | | 4.6 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | | -- | | | |
| Well Yield Testing | | | | | |
| -- | | -- | | | |
| Pump Test ID: | | 1002817767 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.33 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002817761 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 4.6 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1002817750 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 22-APR-09 | | | |
| Remarks: | | | | | |
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | | 9 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| UTMRC Description: | | unknown UTM | | | |
| Location Method: | | na | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002817754 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002817753 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | HSA | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002817755 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | -- | | | |
| Casing ID: | | 1002817757 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 1.9 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002817756 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 1.9 | | | |
| Screen End Depth: | | 4.9 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | | -- | | | |
| Well Yield Testing | | | | | |
| -- | | -- | | | |
| Pump Test ID: | | 1002817758 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.62 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | m | | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | -- | | | | |
| Hole Diameter | | | | | |
| -- | -- | | | | |
| Hole ID: | | 1002817752 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 4.9 | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | cm | | | | |
| -- | -- | | | | |
| -- | -- | | | | |
| Bore Hole ID: | | 1002817741 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 22-APR-09 | | | |
| Remarks: | | | | | |
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | 9 | | | | |
| UTMRC Description: | unknown UTM | | | | |
| Location Method: | na | | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | -- | | | | |
| Plug ID: | | 1002817745 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | | 1002817744 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | HSA | | | | |
| -- | -- | | | | |
| Pipe Information | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| -- | -- | -- | -- | -- | -- |
| Pipe ID: | | 1002817746 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Casing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Casing ID: | | 1002817748 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 2.5 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Screen | | | | | |
| -- | -- | -- | -- | -- | -- |
| Screen ID: | | 1002817747 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 2.5 | | | |
| Screen End Depth: | | 5.5 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Well Yield Testing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pump Test ID: | | 1002817749 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.54 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole Diameter | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole ID: | | 1002817743 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 5.5 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| Bore Hole ID: | | 1002817732 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 22-APR-09 | | | |
| Remarks: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | | 9 | | | |
| UTMRC Description: | | unknown UTM | | | |
| Location Method: | | na | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002817736 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002817735 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | HSA | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002817737 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | -- | | | |
| Casing ID: | | 1002817739 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 2.5 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002817738 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 2.5 | | | |
| Screen End Depth: | | 5.5 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | | -- | | | |
| Well Yield Testing | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elevation (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| -- | -- | -- | -- | -- | -- |
| <i>Pump Test ID:</i> | | 1002817740 | | | |
| <i>Pump Set At:</i> | | | | | |
| <i>Static Level:</i> | | 3.15 | | | |
| <i>Final Level After Pumping:</i> | | | | | |
| <i>Recommended Pump Depth:</i> | | | | | |
| <i>Pumping Rate:</i> | | | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | | | | |
| <i>Levels UOM:</i> | | m | | | |
| <i>Rate UOM:</i> | | | | | |
| <i>Water State After Test Code:</i> | | | | | |
| <i>Water State After Test:</i> | | | | | |
| <i>Pumping Test Method:</i> | | | | | |
| <i>Pumping Duration HR:</i> | | | | | |
| <i>Pumping Duration MIN:</i> | | | | | |
| <i>Flowing:</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Hole Diameter</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Hole ID:</i> | | 1002817734 | | | |
| <i>Diameter:</i> | | 20 | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | 5.5 | | | |
| <i>Hole Depth UOM:</i> | | m | | | |
| <i>Hole Diameter UOM:</i> | | cm | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| <i>Bore Hole ID:</i> | | 1002817723 | | | |
| <i>DP2BR:</i> | | | | | |
| <i>Code OB:</i> | | | | | |
| <i>Code OB Description:</i> | | | | | |
| <i>Open Hole:</i> | | | | | |
| <i>Date Completed:</i> | | 21-APR-09 | | | |
| <i>Remarks:</i> | | | | | |
| <i>Zone:</i> | | | | | |
| <i>East 83:</i> | | | | | |
| <i>North 83:</i> | | | | | |
| <i>UTMRC:</i> | | 9 | | | |
| <i>UTMRC Description:</i> | | unknown UTM | | | |
| <i>Location Method:</i> | | na | | | |
| <i>Org CS:</i> | | | | | |
| <i>Elevation:</i> | | | | | |
| <i>Elevrc:</i> | | | | | |
| <i>Elevrc Description:</i> | | | | | |
| <i>Location Source Date:</i> | | | | | |
| <i>Source Revision Comment:</i> | | | | | |
| <i>Improvement Location Source:</i> | | | | | |
| <i>Improvement Location Method:</i> | | | | | |
| <i>Supplier Comment:</i> | | | | | |
| <i>Spatial Status:</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Annular Space/Abandonment Sealing Record</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Plug ID:</i> | | 1002817727 | | | |
| <i>Layer:</i> | | | | | |
| <i>Plug From:</i> | | | | | |
| <i>Plug To:</i> | | | | | |
| <i>Plug Depth UOM:</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Method of Construction & Well Use</i> | | | | | |
| -- | -- | -- | -- | -- | -- |
| <i>Method Construction ID:</i> | | 1002817726 | | | |
| <i>Method Construction Code:</i> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Method Construction: | | | | | |
| Other Method Construction: | | HSA | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002817728 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | -- | | | |
| Casing ID: | | 1002817730 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 2.6 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002817729 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 2.6 | | | |
| Screen End Depth: | | 4.6 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | | -- | | | |
| Well Yield Testing | | | | | |
| -- | | -- | | | |
| Pump Test ID: | | 1002817731 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.69 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002817725 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 4.6 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Bore Hole ID: | | 1002817714 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 21-APR-09 | | | |
| Remarks: | | | | | |
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | | 9 | | | |
| UTMRC Description: | | unknown UTM | | | |
| Location Method: | | na | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002817718 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002817717 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | HSA | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002817719 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Casing | | | | | |
| -- | | -- | | | |
| Casing ID: | | 1002817721 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| | | 2.5 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | | | | |
| | | m | | | |
| -- | | -- | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002817720 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| | | 2.5 | | | |
| Screen End Depth: | | | | | |
| | | 4.9 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | | | | |
| | | m | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | -- | -- | | | |
| Well Yield Testing | | | | | |
| | -- | | | | |
| Pump Test ID: | | 1002817722 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 3.26 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| | -- | -- | | | |
| Hole Diameter | | | | | |
| | -- | -- | | | |
| Hole ID: | | 1002817716 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 4.9 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| | -- | -- | | | |
| | -- | -- | | | |
| Bore Hole ID: | | 1002817705 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | | 20-APR-09 | | | |
| Remarks: | | | | | |
| Zone: | | | | | |
| East 83: | | | | | |
| North 83: | | | | | |
| UTMRC: | | 9 | | | |
| UTMRC Description: | | unknown UTM | | | |
| Location Method: | | na | | | |
| Org CS: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| | -- | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| | -- | -- | | | |
| Plug ID: | | 1002817709 | | | |
| Layer: | | | | | |
| Plug From: | | | | | |
| Plug To: | | | | | |
| Plug Depth UOM: | | | | | |
| | -- | -- | | | |
| Method of Construction & Well | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Use | | | | | |
| -- | -- | -- | -- | -- | -- |
| Method Construction ID: | | 1002817708 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | HSA | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe Information | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe ID: | | 1002817710 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Casing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Casing ID: | | 1002817712 | | | |
| Layer: | | | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | | | | |
| Depth To: | | 3.4 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | | | | |
| Casing Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Screen | | | | | |
| -- | -- | -- | -- | -- | -- |
| Screen ID: | | 1002817711 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | 3.4 | | | |
| Screen End Depth: | | 4.9 | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | | | | |
| Screen Diameter: | | | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| Well Yield Testing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pump Test ID: | | 1002817713 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 3.31 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole Diameter | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole ID: | | 1002817707 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | | | | |
| Depth To: | | 4.9 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | -- | -- | -- | -- | -- |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| -- | -- | | | | |
| Bore Hole ID: | | 1002697171 | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | N | | | |
| Date Completed: | | 21-APR-09 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441715 | | | |
| North 83: | | 5027279 | | | |
| UTMRC: | | 4 | | | |
| UTMRC Description: | | margin of error : 30 m - 100 m | | | |
| Location Method: | | wwr | | | |
| Org CS: | | UTM83 | | | |
| Elevation: | | 65.38 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Overburden and Bedrock Materials Interval | | | | | |
| -- | -- | | | | |
| Formation ID: | | 1002817770 | | | |
| Layer: | | 1 | | | |
| General Color: | | BROWN | | | |
| Most Common Material: | | SAND | | | |
| Other Materials: | | BOULDERS | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 0 | | | |
| Formation End Depth: | | 3.5 | | | |
| Formation End Depth UOM: | | m | | | |
| -- | -- | | | | |
| Formation ID: | | 1002817771 | | | |
| Layer: | | 2 | | | |
| General Color: | | GREY | | | |
| Most Common Material: | | CLAY | | | |
| Other Materials: | | SILT | | | |
| Other Materials: | | SANDY | | | |
| Formation Top Depth: | | 3.5 | | | |
| Formation End Depth: | | 3.7 | | | |
| Formation End Depth UOM: | | m | | | |
| -- | -- | | | | |
| Formation ID: | | 1002817772 | | | |
| Layer: | | 3 | | | |
| General Color: | | GREY | | | |
| Most Common Material: | | BOULDERS | | | |
| Other Materials: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 3.7 | | | |
| Formation End Depth: | | 4.3 | | | |
| Formation End Depth UOM: | | m | | | |
| -- | -- | | | | |
| Formation ID: | | 1002817773 | | | |
| Layer: | | 4 | | | |
| General Color: | | GREY | | | |
| Most Common Material: | | CLAY | | | |
| Other Materials: | | SAND | | | |
| Other Materials: | | SILTY | | | |
| Formation Top Depth: | | 4.3 | | | |
| Formation End Depth: | | 5.6 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation End Depth UOM: | | m | | | |
| -- | | -- | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | -- | | | |
| Plug ID: | | 1002817775 | | | |
| Layer: | | 1 | | | |
| Plug From: | | .2 | | | |
| Plug To: | | 2 | | | |
| Plug Depth UOM: | | m | | | |
| -- | | -- | | | |
| Method of Construction & Well Use | | | | | |
| -- | | -- | | | |
| Method Construction ID: | | 1002817778 | | | |
| Method Construction Code: | | F | | | |
| Method Construction: | | H.S.A. | | | |
| Other Method Construction: | | | | | |
| -- | | -- | | | |
| Pipe Information | | | | | |
| -- | | -- | | | |
| Pipe ID: | | 1002817768 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | | -- | | | |
| Construction Record - Screen | | | | | |
| -- | | -- | | | |
| Screen ID: | | 1002817776 | | | |
| Layer: | | 1 | | | |
| Slot: | | 10 | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | 5 | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | cm | | | |
| Screen Diameter: | | 5.8 | | | |
| -- | | -- | | | |
| Well Yield Testing | | | | | |
| -- | | -- | | | |
| Pump Test ID: | | 1002817769 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.95 | | | |
| Final Level After Pumping: | | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | | | | |
| Water State After Test Code: | | 0 | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 0 | | | |
| Pumping Duration HR: | | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| -- | | -- | | | |
| Hole Diameter | | | | | |
| -- | | -- | | | |
| Hole ID: | | 1002817774 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 5.6 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | | -- | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|--------------------------------|----------------------------|------------------|--|------|
| -- | -- | -- | -- | -- | -- |
| 12 | 1 of 1 | WSW/98.5 | 66.9 | ON | WWIS |
| Well ID: | 7223431 | | | Lot: | |
| Construction Date:: | | | | Concession: | |
| Primary Water Use:: | | | | Concession Name: | |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | NEPEAN TOWNSHIP | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | -- | -- | -- | -- |
| Bore Hole ID: | 1004911593 | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: | 27-NOV-13 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441705 | | | | |
| North 83: | 5027289 | | | | |
| UTMRC: | 4 | | | | |
| UTMRC Description: | margin of error : 30 m - 100 m | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| 13 | 1 of 1 | SW/101.0 | 67.4 | FRANCIS FUELS RICHMOND ROAD AT PATRICIA TANK TRUCK (CARGO) OTTAWA CITY ON | SPL |
| Ref No: | 14473 | | | | |
| Contaminant Code: | | | | | |
| Contaminant Name: | | | | | |
| Contaminant Quantity: | | | | | |
| Incident Cause: | OTHER CONTAINER LEAK | | | | |
| Incident Dt: | 2/1/1989 | | | | |
| Incident Reason: | EQUIPMENT FAILURE | | | | |
| Incident Summary: | BACKENTRY - FRANCIS FUELS | | | | |
| MOE Reported Dt: | 2/1/1989 | | | | |
| Environmental Impact: | NOT ANTICIPATED | | | | |
| Nature of Impact: | | | | | |
| Receiving Medium: | LAND | | | | |
| SAC Action Class: | | | | | |
| Sector Source Type: | | | | | |
| Receiving Environment: | | | | | |
| Incident Event: | | | | | |
| Site Municipality: | 20101 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|------|
| 14 | 1 of 1 | ENE/112.7 | 65.9 | Imperial Oil Richmond Road @ Island Park Drive Ottawa ON K1Y 0B1 | GEN |
| PO Box Num: | | | | | |
| Status: | | | | | |
| Country: | | | | | |
| Generator #: ON7464578 | | | | | |
| Approval Yrs.: 05,06 | | | | | |
| SIC Code: 447190 | | | | | |
| SIC Description: Other Gasoline Stations | | | | | |
| --Details-- | | | | | |
| Waste Code: 221 | | | | | |
| Waste Description: LIGHT FUELS | | | | | |
| Waste Code: 251 | | | | | |
| Waste Description: OIL SKIMMINGS & SLUDGES | | | | | |
| Waste Code: 252 | | | | | |
| Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| 15 | 1 of 1 | SW/114.8 | 67.4 | ON | WWIS |
| Well ID: 7050567 | | | | | |
| Construction Date:: | | | | | |
| Primary Water Use:: | | | | | |
| Sec. Water Use:: | | | | | |
| Final Well Status:: Test Hole | | | | | |
| Specific Capacity:: | | | | | |
| Municipality: OTTAWA CITY | | | | | |
| County: OTTAWA-CARLETON | | | | | |
| Lot: | | | | | |
| Concession: | | | | | |
| Concession Name: | | | | | |
| Easting NAD83:: | | | | | |
| Northing NAD83:: | | | | | |
| Zone:: | | | | | |
| UTM Reliability:: | | | | | |
| Bore Hole Information | | | | | |
| -- | | | | | |
| Bore Hole ID: 23050567 | | | | | |
| DP2BR: | | | | | |
| Code OB: | | | | | |
| Code OB Description: | | | | | |
| Open Hole: | | | | | |
| Date Completed: 05-JUL-07 | | | | | |
| Remarks: | | | | | |
| Zone: 18 | | | | | |
| East 83: 441710 | | | | | |
| North 83: 5027240 | | | | | |
| UTMRC: 3 | | | | | |
| UTMRC Description: margin of error : 10 - 30 m | | | | | |
| Location Method: wwr | | | | | |
| Org CS: UTM83 | | | | | |
| Elevation: 66.12 | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Overburden and Bedrock Materials Interval | | | | | |
| -- | -- | -- | -- | -- | -- |
| Formation ID: | | 30150567 | | | |
| Layer: | | 1 | | | |
| General Color: | | BROWN | | | |
| Most Common Material: | | SAND | | | |
| Other Materials: | | COARSE GRAVEL | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 0 | | | |
| Formation End Depth: | | 1.52 | | | |
| Formation End Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Formation ID: | | 30250567 | | | |
| Layer: | | 2 | | | |
| General Color: | | GREY | | | |
| Most Common Material: | | SILT | | | |
| Other Materials: | | SAND | | | |
| Other Materials: | | COARSE GRAVEL | | | |
| Formation Top Depth: | | 1.52 | | | |
| Formation End Depth: | | 3.65 | | | |
| Formation End Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | -- | -- | -- | -- | -- |
| Plug ID: | | 44006034 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0 | | | |
| Plug To: | | .45 | | | |
| Plug Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Plug ID: | | 44006035 | | | |
| Layer: | | 2 | | | |
| Plug From: | | .45 | | | |
| Plug To: | | 2.13 | | | |
| Plug Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Plug ID: | | 44006033 | | | |
| Layer: | | 3 | | | |
| Plug From: | | 2.13 | | | |
| Plug To: | | 3.65 | | | |
| Plug Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Method of Construction & Well Use | | | | | |
| -- | -- | -- | -- | -- | -- |
| Method Construction ID: | | 25950567 | | | |
| Method Construction Code: | | 6 | | | |
| Method Construction: | | Boring | | | |
| Other Method Construction: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe Information | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe ID: | | 29050567 | | | |
| Casing Number: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Casing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Casing ID: | | 42150567 | | | |
| Layer: | | 1 | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 2.43 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|--|-----------|
| Casing Diameter: 5.08 Casing Diameter UOM: cm Casing Depth UOM: m -- -- Hole Diameter -- -- Hole ID: 46004699 Diameter: 15.24 Depth From: 0 Depth To: 3.65 Hole Depth UOM: m Hole Diameter UOM: cm -- -- -- -- | | | | | |
| 16 | 1 of 1 | W/122.5 | 65.6 | 348 Patricia Ave Ottawa ON K1Z 6G6 | EHS |
| Postal Code: City: Address2: Address1: Provstate: Order No.: 20121018008 Addit. Info Ordered:: Report Date: 24-OCT-12 Report Type: Custom Report Search Radius (km): .25 | | | | | |
| 17 | 1 of 1 | WSW/124.7 | 67.1 | Ashcroft Homes - 111 Richmond Road Inc. No Municipal Address OTTAWA ON | RSC |
| Registration No: 113164 RSC Type: Restoration Type: Date Submitted: 23-Jun-11 Date Acknowledg.: Certification Date: 16-Jun-11 Date Returned: Soil Type: Criteria: Current Property Use: Commercial Certificate Prop Use No: No CPU Intended Prop Use: Residential Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use Stratified (Y/N): Consultant: District Office: OTTAWA Property Municipal Address: No Municipal Address Legal Description: PT LT 32, CON 1 OF, AS IN NS138723; OTTAWA/NEPEAN Prop. Identification No: 04021 - 0077 LT Entire legal prop. (y/n): Yes UTM Coordinates: NAD83 18-441689-5027256 (converted from Latitude & Longitude) Latitude & Longitude: 45.39638890N 75.74500000W Accuracy Estimate: 11 to 20 meters Measurement Method: Digitized from a satellite image CPU Issued Sect 1686: No | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|---|-----|
| 18 | 1 of 7 | WSW/126.4 | 67.1 | 119 Richmond Road Ottawa ON K1Z 6W1 | EHS |
| Postal Code: City: Address2: Address1: Provstate: Order No.: 20061120009 Addit. Info Ordered:: Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos; City Directory Report Date: 11/28/2006 Report Type: Complete Report Search Radius (km): 0.25 | | | | | |
| 18 | 2 of 7 | WSW/126.4 | 67.1 | CANADIAN TIRE, Store 88 119 RICHMOND RD OTTAWA ON K1Z 6W1 | GEN |
| PO Box Num: Status: Country: Generator #: ON2010539 Approval Yrs.: 04,05,06 SIC Code: 452999 SIC Description: All Other Miscellaneous General Merchandise Stores | | | | | |
| --Details-- | | | | | |
| Waste Code: 145 | | | | | |
| Waste Description: PAINT/PIGMENT/COATING RESIDUES | | | | | |
| Waste Code: 251 | | | | | |
| Waste Description: OIL SKIMMINGS & SLUDGES | | | | | |
| Waste Code: 252 | | | | | |
| Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| Waste Code: 253 | | | | | |
| Waste Description: EMULSIFIED OILS | | | | | |
| 18 | 3 of 7 | WSW/126.4 | 67.1 | Canadian Tire Real Estate Limited 119 Richmond Road Ottawa ON K1Z 6W1 | GEN |
| PO Box Num: Status: Country: Generator #: ON3351495 Approval Yrs.: 07,08 SIC Code: 531310 SIC Description: Real Estate Property Managers | | | | | |
| --Details-- | | | | | |
| Waste Code: 251 | | | | | |
| Waste Description: OIL SKIMMINGS & SLUDGES | | | | | |
| 18 | 4 of 7 | WSW/126.4 | 67.1 | CANADIAN TIRE/DENANCO SALES LTD. 119 RICHMOND RD OTTAWA ON K1Z 6W1 | PES |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------------|-------------------|---------------------------------------|------------------|--|------|
| Detail Licence No.: | | | | | |
| Licence Type: | | Vendor | | | |
| 18 | 5 of 7 | WSW/126.4 | 67.1 | LES ENTERPRISES SYLVAIN CHARRON INC. 119 RICHMOND ROAD OTTAWA ON K1Z 6W1 | PES |
| Detail Licence No.: | | | | | |
| Licence Type: | | 23-01-11924-0 Limited Vendor | | | |
| 18 | 6 of 7 | WSW/126.4 | 67.1 | CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. 119 RICHMOND RD OTTAWA ON K1Z 6W1 | PES |
| Detail Licence No.: | | | | | |
| Licence Type: | | Limited Vendor | | | |
| 18 | 7 of 7 | WSW/126.4 | 67.1 | CANADIAN TIRE / ROLAND DOYON ENTERPRISES INC. 119 RICHMOND RD OTTAWA ON K1Z 6W1 | PES |
| Detail Licence No.: | | | | | |
| Licence Type: | | Vendor | | | |
| 19 | 1 of 1 | E/126.6 | 67.0 | ON | BORE |
| Borehole ID: | | 805592 | | Type: Borehole | |
| Use: | | Geotechnical/Geological Investigation | | Status:: | |
| Drill Method:: | | Not known | | UTM Zone:: 18 | |
| Easting:: | | 441927.96 | | Northing:: 5027311.45 | |
| Location Accuracy:: | | | | Orig. Ground Elev m:: -999.9 | |
| Elev. Reliability Note:: | | | | DEM Ground Elev m:: 67.9 | |
| Total Depth m:: | | 1.6 | | Primary Name:: AH.3 | |
| Township:: | | | | Concession:: | |
| Lot:: | | | | Municipality: | |
| Completion Date:: | | 30-JUL-1987 | | Static Water Level:: -999.9 | |
| Primary Water Use:: | | | | Sec. Water Use:: | |
| --Details-- | | | | | |
| Stratum ID: | | 218585397 | | Top Depth(m): 0.0 | |
| Bottom Depth(m): | | 0.2 | | Stratum Desc: Asphalt | |
| Stratum ID: | | 218585398 | | Top Depth(m): 0.2 | |
| Bottom Depth(m): | | 0.7 | | Stratum Desc: Brown Silt - Sand With: Gr W Cob | |
| Stratum ID: | | 218585399 | | Top Depth(m): 0.7 | |
| Bottom Depth(m): | | 1.1 | | Stratum Desc: Dark Brown Silt - Sand With: Gr W Org M | |
| Stratum ID: | | 218585400 | | Top Depth(m): 1.1 | |
| Bottom Depth(m): | | 1.6 | | Stratum Desc: Light Brown Silt - Sand | |
| 20 | 1 of 1 | NE/133.9 | 65.6 | OTTAWA ON | WWIS |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|--------------------------|-----------|
| Well ID: | 1535403 | | | Lot: | |
| Construction Date:: | | | | Concession: | |
| Primary Water Use:: | | | | Concession Name: | |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | Observation Wells | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 11315942 | | | | |
| DP2BR: | | | | | |
| Code OB: | 0 | | | | |
| Code OB Description: | Overburden | | | | |
| Open Hole: | | | | | |
| Date Completed: | 31-JAN-05 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 441900 | | | | |
| North 83: | 5027400 | | | | |
| UTMRC: | | | | | |
| UTMRC Description: | | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | 64.58 | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Overburden and Bedrock Materials Interval | | | | | |
| -- | -- | | | | |
| Formation ID: | 932996250 | | | | |
| Layer: | 1 | | | | |
| General Color: | GREY | | | | |
| Most Common Material: | SAND | | | | |
| Other Materials: | SILTY | | | | |
| Other Materials: | CLAY | | | | |
| Formation Top Depth: | 0 | | | | |
| Formation End Depth: | 4 | | | | |
| Formation End Depth UOM: | m | | | | |
| -- | -- | | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | -- | | | | |
| Plug ID: | 933266156 | | | | |
| Layer: | 1 | | | | |
| Plug From: | 0 | | | | |
| Plug To: | 1 | | | | |
| Plug Depth UOM: | m | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | 961535403 | | | | |
| Method Construction Code: | B | | | | |
| Method Construction: | Other Method | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|------|----|
| Pipe Information | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe ID: | | 11330797 | | | |
| Casing Number: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Casing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Casing ID: | | 930855167 | | | |
| Layer: | | 1 | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 2.5 | | | |
| Casing Diameter: | | 5 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Screen | | | | | |
| -- | -- | -- | -- | -- | -- |
| Screen ID: | | 933412018 | | | |
| Layer: | | 1 | | | |
| Slot: | | #10 | | | |
| Screen Top Depth: | | 2.5 | | | |
| Screen End Depth: | | 4 | | | |
| Screen Material: | | 5 | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | cm | | | |
| Screen Diameter: | | 6.5 | | | |
| -- | -- | -- | -- | -- | -- |
| Hole Diameter | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole ID: | | 11533419 | | | |
| Diameter: | | 20 | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 4 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |

[21](#) 1 of 1 **ENE/145.0** **65.6** **ON** **WWIS**

| | | | |
|----------------------------|-----------------|--------------------------|--|
| Well ID: | 7207988 | Lot: | |
| Construction Date:: | | Concession: | |
| Primary Water Use:: | | Concession Name: | |
| Sec. Water Use:: | | Easting NAD83:: | |
| Final Well Status:: | | Northing NAD83:: | |
| Specific Capacity:: | | Zone:: | |
| Municipality: | NEPEAN TOWNSHIP | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | |

Bore Hole Information

--

Bore Hole ID: 1004570415

DP2BR:

Code OB:

Code OB Description:

Open Hole:

Date Completed: 13-MAY-13

Remarks:

Zone: 18

East 83: 441939

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|--|------------------|------|----|
| North 83: UTMRC: UTMRC Description: Location Method: Org CS: Elevation: Elevrc: Elevrc Description: Location Source Date: Source Revision Comment: Improvement Location Source: Improvement Location Method: Supplier Comment: Spatial Status: | | 5027355 4 margin of error : 30 m - 100 m wwr UTM83 | | | |
| -- -- | | -- -- | | | |

| | | | | | |
|--|--------|---|------|---|-----|
| 22 | 1 of 1 | N/145.3 | 64.3 | 327 ISLAND PARK DRIVE, OTTAWA ON K1Y 0A6 | INC |
| Incident No: Incident ID: Attribute Category: Status Code: Incident Location: Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type: Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Fuel Type Involved: Date of Occurrence: Time of Occurrence: Occur Insp Start Date: Any Health Impact: Any Environmental Impact: Was Service Interrupted: Was Property Damaged: | | 217200 2368256 FS-Incident Causal Analysis Complete 327 ISLAND PARK DRIVE, OTTAWA - 1/2" PIPELINE HIT | | | |
| | | Service / Riser Distribution Pipeline | | | |
| | | Steel | | | |
| | | 0 | | | |
| | | Outside | | | |
| | | Service Regulator (up to 60 psi intake) | | | |
| | | 65 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|------|
| Operation Type Involved: Enforcement Policy: Prc Escalation Required: Task No: Notes: Occurrence Narrative: B34SO reg head broke off the body. Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes: | | | | | |
| 23 | 1 of 1 | S/156.0 | 68.2 | SCEURS DE LE VISITATION D'OTTAWA 114 RICHMOND RD OTTAWA ON | GEN |
| PO Box Num: Status: Country: Generator #: ON2685948 Approval Yrs:: 2009 SIC Code: 813110 SIC Description: Religious Organizations --Details-- Waste Code: 221 Waste Description: LIGHT FUELS | | | | | |
| 24 | 1 of 1 | ENE/156.5 | 66.1 | Claridge Homes Corporation 1451 Wellington Street West Ottawa ON K1Y 2X4 | GEN |
| PO Box Num: Status: Country: Generator #: ON6730674 Approval Yrs:: 2011 SIC Code: 236110 SIC Description: | | | | | |
| 25 | 1 of 1 | NNW/159.5 | 62.6 | ON | BORE |
| Borehole ID: 805596 Use: Geotechnical/Geological Investigation Drill Method:: Not known Easting:: 441720.04 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 1.6 Township:: Lot:: Completion Date:: 30-JUL-1987 Primary Water Use:: --Details-- Stratum ID: 218585414 Bottom Depth(m): 0.2 Type: Borehole Status:: UTM Zone:: 18 Northing:: 5027446.81 Orig. Ground Elev m:: -999.9 DEM Ground Elev m:: 63.7 Primary Name:: AH.5 Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use:: Top Depth(m): 0.0 Stratum Desc: Asphalt | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------|-------------------|-------------------------|---------------|----------------------|---------------------------------------|
| Stratum ID: | 218585415 | | | Top Depth(m): | 0.2 |
| Bottom Depth(m): | 0.6 | | | Stratum Desc: | Brown Sand - Gravel With: Si |
| Stratum ID: | 218585416 | | | Top Depth(m): | 0.6 |
| Bottom Depth(m): | 0.8 | | | Stratum Desc: | Dark Grey Crushed Stone |
| Stratum ID: | 218585417 | | | Top Depth(m): | 0.8 |
| Bottom Depth(m): | 1.1 | | | Stratum Desc: | Dark Brown sand silt With: Gr W Org M |
| Stratum ID: | 218585418 | | | Top Depth(m): | 1.1 |
| Bottom Depth(m): | 1.6 | | | Stratum Desc: | Brown Silt - Sand With: Gr |

| 26 | 1 of 2 | NW/171.9 | 64.4 | ON | BORE |
|---------------------------------|-----------|----------|------|------------------------------|---|
| Borehole ID: | 613059 | | | Type: | Borehole |
| Use: | | | | Status:: | |
| Drill Method:: | | | | UTM Zone:: | 18 |
| Easting:: | 441681 | | | Northing:: | 5027432 |
| Location Accuracy:: | | | | Orig. Ground Elev m:: | 64 |
| Elev. Reliability Note:: | | | | DEM Ground Elev m:: | 63 |
| Total Depth m:: | 36.6 | | | Primary Name:: | |
| Township:: | | | | Concession:: | |
| Lot:: | | | | Municipality: | |
| Completion Date:: | JUN-1948 | | | Static Water Level:: | -999.9 |
| Primary Water Use:: | | | | Sec. Water Use:: | |
| --Details-- | | | | | |
| Stratum ID: | 218393519 | | | Top Depth(m): | 22.3 |
| Bottom Depth(m): | 36.6 | | | Stratum Desc: | SHALE. 00010001208000200405004 DENSE. SAND. DENSE. BEDROCK. 00008 009 00030 010 |
| Stratum ID: | 218393515 | | | Top Depth(m): | 0.0 |
| Bottom Depth(m): | 0.3 | | | Stratum Desc: | SOIL. |
| Stratum ID: | 218393516 | | | Top Depth(m): | 0.3 |
| Bottom Depth(m): | 2.7 | | | Stratum Desc: | GRAVEL. |
| Stratum ID: | 218393517 | | | Top Depth(m): | 2.7 |
| Bottom Depth(m): | 21.3 | | | Stratum Desc: | LIMESTONE. |
| Stratum ID: | 218393518 | | | Top Depth(m): | 21.3 |
| Bottom Depth(m): | 22.3 | | | Stratum Desc: | SANDSTONE. |

| 26 | 2 of 2 | NW/171.9 | 64.4 | lot 32 con 1 ON | WWIS |
|------------------------------|----------------------|----------|------|--------------------------|------|
| Well ID: | 1503973 | | | Lot: | 032 |
| Construction Date:: | | | | Concession: | 01 |
| Primary Water Use:: | Domestic | | | Concession Name: | OF |
| Sec. Water Use:: | | | | Easting NAD83:: | |
| Final Well Status:: | Water Supply | | | Northing NAD83:: | |
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY (NEPEAN) | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 10026016 | | | | |
| DP2BR: | 9 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Code OB: | | r | | | |
| Code OB Description: | | Bedrock | | | |
| Open Hole: | | | | | |
| Date Completed: | | 10-JUN-48 | | | |
| Remarks: | | | | | |
| Zone: | | 18 | | | |
| East 83: | | 441680.7 | | | |
| North 83: | | 5027432 | | | |
| UTMRC: | | 9 | | | |
| UTMRC Description: | | unknown UTM | | | |
| Location Method: | | p9 | | | |
| Org CS: | | | | | |
| Elevation: | | 63 | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | -- | | | |
| Overburden and Bedrock Materials Interval | | | | | |
| -- | | -- | | | |
| Formation ID: | | 930998064 | | | |
| Layer: | | 1 | | | |
| General Color: | | | | | |
| Most Common Material: | | TOPSOIL | | | |
| Other Materials: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 0 | | | |
| Formation End Depth: | | 1 | | | |
| Formation End Depth UOM: | | ft | | | |
| -- | | -- | | | |
| Formation ID: | | 930998065 | | | |
| Layer: | | 2 | | | |
| General Color: | | | | | |
| Most Common Material: | | GRAVEL | | | |
| Other Materials: | | CLAY | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 1 | | | |
| Formation End Depth: | | 9 | | | |
| Formation End Depth UOM: | | ft | | | |
| -- | | -- | | | |
| Formation ID: | | 930998066 | | | |
| Layer: | | 3 | | | |
| General Color: | | | | | |
| Most Common Material: | | LIMESTONE | | | |
| Other Materials: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 9 | | | |
| Formation End Depth: | | 70 | | | |
| Formation End Depth UOM: | | ft | | | |
| -- | | -- | | | |
| Formation ID: | | 930998067 | | | |
| Layer: | | 4 | | | |
| General Color: | | | | | |
| Most Common Material: | | SANDSTONE | | | |
| Other Materials: | | ROCK | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | | 70 | | | |
| Formation End Depth: | | 73 | | | |
| Formation End Depth UOM: | | ft | | | |
| -- | | -- | | | |
| Formation ID: | | 930998068 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Layer: | 5 | | | | |
| General Color: | | | | | |
| Most Common Material: | | SHALE | | | |
| Other Materials: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | 73 | | | | |
| Formation End Depth: | 120 | | | | |
| Formation End Depth UOM: | ft | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | 961503973 | | | | |
| Method Construction Code: | 1 | | | | |
| Method Construction: | Cable Tool | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |
| Pipe Information | | | | | |
| -- | -- | | | | |
| Pipe ID: | 10574586 | | | | |
| Casing Number: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| -- | -- | | | | |
| Construction Record - Casing | | | | | |
| -- | -- | | | | |
| Casing ID: | 930044765 | | | | |
| Layer: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 10 | | | | |
| Casing Diameter: | 5 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| -- | -- | | | | |
| Casing ID: | 930044766 | | | | |
| Layer: | 2 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 120 | | | | |
| Casing Diameter: | 5 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| -- | -- | | | | |
| Well Yield Testing | | | | | |
| -- | -- | | | | |
| Pump Test ID: | 991503973 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 10 | | | | |
| Final Level After Pumping: | 12 | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | 5 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | N | | | | |
| -- | -- | | | | |
| Water Details | | | | | |
| -- | -- | | | | |
| Water ID: | 933457009 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--|----------------------------|------------------|--|-----|
| Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: -- Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: -- -- | 1 1 FRESH 10 ft -- 933457010 2 1 FRESH 120 ft -- -- | | | | |
| 27 | 1 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | 10903944 FS Liquid Fuel Tank EXPIRED 5/22/2009 | | | | |
| 27 | 2 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | 10903896 FS Liquid Fuel Tank EXPIRED 5/22/2009 | | | | |
| 27 | 3 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | 10903881 FS Liquid Fuel Tank EXPIRED 5/22/2009 | | | | |
| 27 | 4 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | EXP |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|-----|
| <p>Instance No: 10903918 Instance ID: 52390 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p> | | | | | |
| 27 | 5 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | EXP |
| <p>Instance No: 10903909 Instance ID: 50878 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p> | | | | | |
| 27 | 6 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | EXP |
| <p>Instance No: 10903957 Instance ID: 51159 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p> | | | | | |
| 27 | 7 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | EXP |
| <p>Instance No: 10903890 Instance ID: 51588 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:</p> | | | | | |
| 27 | 8 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| <p>Instance No: 10903944 Instance ID:</p> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|--|------------------|--|------------|
| Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | | FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 5/22/2009 | | | |
| 27 | 9 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR& RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | | 10903896 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 5/22/2009 | | | |
| 27 | 10 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR& RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | | 10903881 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 5/22/2009 | | | |
| 27 | 11 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR& RICHMOND RD OTTAWA ON K1Y 0B1 | EXP |
| Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: | | 10903918 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 5/22/2009 | | | |
| 27 | 12 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR& RICHMOND RD OTTAWA ON K1Y 0B1 | FST |
| Instance No: Cont Name: Instance Type: Fuel Type: Status: | | 11298381 FS Liquid Fuel Tank Gasoline Active | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|--------------------------|--|--------------------------|---|-------------|
| Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type: | | 29000 Fiberglass (FRP) Fiberglass Double Wall UST 1994 FS Gasoline Station - Full Serve FS Liquid Fuel Tank | | | |
| 27 | 13 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | FST |
| Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type: | | 11272658 FS Liquid Fuel Tank Gasoline Active 50000 Fiberglass (FRP) Fiberglass Double Wall UST 1994 FS Gasoline Station - Full Serve FS Liquid Fuel Tank | | | |
| 27 | 14 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | FSTH |
| License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type: | | 7/26/2002 Licensed August 2007 Retail Fuel Outlet Gasoline Station - Full Serve | | | |
| --Details-- | | | | | |
| Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type: | | Active 9999 22700 Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type: | | Active 9999 22700 Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type: | | Active 9999 22700 Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type: | | Active 9999 22700 Liquid Fuel Single Wall UST - Gasoline | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|------------------------------|-------------------|--|------------------|--|------|
| 27 | 15 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON K1Y 0B1 | FSTH |
| License Issue Date: | | 7/26/2002 | | | |
| Tank Status: | | Licensed | | | |
| Tank Status As Of: | | December 2008 | | | |
| Operation Type: | | Retail Fuel Outlet | | | |
| Facility Type: | | Gasoline Station - Full Serve | | | |
| --Details-- | | | | | |
| Status: | | Active | | | |
| Year of Installation: | | 9999 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 22700 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 9999 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 22700 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 9999 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 22700 | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1994 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 50000 | | | |
| Tank Fuel Type: | | Liquid Fuel Double Wall UST - Gasoline | | | |
| Status: | | Active | | | |
| Year of Installation: | | 1994 | | | |
| Corrosion Protection: | | | | | |
| Capacity: | | 29000 | | | |
| Tank Fuel Type: | | Liquid Fuel Double Wall UST - Gasoline | | | |
| 27 | 16 of 18 | ENE/173.3 | 66.2 | NEWCOMBE HOLDINGS LIMITED 369 ISLAND PARK DR & RICHMOND RD OTTAWA ON | PRT |
| Location ID: | | 10976 | | | |
| Type: | | retail | | | |
| Expiry Date: | | 1995-08-31 | | | |
| Capacity (L): | | 79000 | | | |
| Licence #: | | 0026184001 | | | |
| 27 | 17 of 18 | ENE/173.3 | 66.2 | ISLAND PARK ESSO SERVICE CENTRE 369 ISLAND PARK DR OTTAWA ON K1Y 0B1 | RST |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|------|
| Code: 01186800 Facility: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS Description: List Name: | | | | | |
| 27 | 18 of 18 | ENE/173.3 | 66.2 | ISLAND PARK ESSO SERVICE CENTRE 369 ISLAND PARK DR OTTAWA ON K1Y0B1 | RST |
| Code: 01186800 Facility: SERVICE STATIONS GASOLINE OIL & NATURAL Description: List Name: | | | | | |
| 28 | 1 of 1 | ENE/177.5 | 65.9 | OTTAWA ON | WWIS |
| Well ID: 1536430 Construction Date:: Primary Water Use:: Sec. Water Use:: Final Well Status:: Abandoned-Other Specific Capacity:: Municipality: OTTAWA CITY County: OTTAWA-CARLETON Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability:: | | | | | |
| Bore Hole Information | | | | | |
| -- | | | | | |
| Bore Hole ID: 11550496 | | | | | |
| DP2BR: | | | | | |
| Code OB: - | | | | | |
| Code OB Description: No formation data | | | | | |
| Open Hole: | | | | | |
| Date Completed: 09-MAY-06 | | | | | |
| Remarks: | | | | | |
| Zone: 18 | | | | | |
| East 83: 441962 | | | | | |
| North 83: 5027385 | | | | | |
| UTMRC: 3 | | | | | |
| UTMRC Description: margin of error : 10 - 30 m | | | | | |
| Location Method: wwr | | | | | |
| Org CS: UTM83 | | | | | |
| Elevation: 66.52 | | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | | | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | | | | | |
| Plug ID: 933292302 | | | | | |
| Layer: 1 | | | | | |
| Plug From: 0 | | | | | |
| Plug To: 4.21 | | | | | |
| Plug Depth UOM: m | | | | | |
| -- | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Method of Construction & Well Use | | | | | |
| -- | -- | -- | -- | -- | -- |
| Method Construction ID: | 961536430 | | | | |
| Method Construction Code: | A | | | | |
| Method Construction: | Digging | | | | |
| Other Method Construction: | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe Information | | | | | |
| -- | -- | -- | -- | -- | -- |
| Pipe ID: | 11560103 | | | | |
| Casing Number: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| Hole Diameter | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole ID: | 11681204 | | | | |
| Diameter: | 20 | | | | |
| Depth From: | 0 | | | | |
| Depth To: | 4.21 | | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | cm | | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |

| | | | | | |
|---------------------------------|---------------------------------------|-----------|------|------------------------------|---|
| 29 | 1 of 1 | SSW/179.6 | 69.1 | ON | BORE |
| Borehole ID: | 804839 | | | Type: | Borehole |
| Use: | Geotechnical/Geological Investigation | | | Status:: | |
| Drill Method:: | Power auger | | | UTM Zone:: | 18 |
| Easting:: | 441737.94 | | | Northing:: | 5027141.52 |
| Location Accuracy:: | | | | Orig. Ground Elev m:: | 30.1 |
| Elev. Reliability Note:: | | | | DEM Ground Elev m:: | 69.7 |
| Total Depth m:: | 7 | | | Primary Name:: | BH 1 |
| Township:: | | | | Concession:: | |
| Lot:: | | | | Municipality: | |
| Completion Date:: | 11-MAY-1968 | | | Static Water Level:: | 2.9 |
| Primary Water Use:: | | | | Sec. Water Use:: | |
| --Details-- | | | | | |
| Stratum ID: | 218582268 | | | Top Depth(m): | 0.0 |
| Bottom Depth(m): | 0.1 | | | Stratum Desc: | Asphalt |
| Stratum ID: | 218582269 | | | Top Depth(m): | 0.1 |
| Bottom Depth(m): | 0.9 | | | Stratum Desc: | Dark Brown Compact Fill-Misc Sand - Gravel |
| Stratum ID: | 218582270 | | | Top Depth(m): | 0.9 |
| Bottom Depth(m): | 2.9 | | | Stratum Desc: | Brown Compact Sand - Gravel With: Si |
| Stratum ID: | 218582271 | | | Top Depth(m): | 2.9 |
| Bottom Depth(m): | 4.9 | | | Stratum Desc: | Grey Stiff Silty Clay With: Org M Trace: Gr |
| Stratum ID: | 218582272 | | | Top Depth(m): | 4.9 |
| Bottom Depth(m): | 7.0 | | | Stratum Desc: | Grey Compact Till sand silt With: Cl W Gr |

| | | | | | |
|-----------------------|---------------------------------------|-----------|------|-------------------|----------|
| 30 | 1 of 1 | SSW/180.8 | 69.4 | ON | BORE |
| Borehole ID: | 804840 | | | Type: | Borehole |
| Use: | Geotechnical/Geological Investigation | | | Status:: | |
| Drill Method:: | Power auger | | | UTM Zone:: | 18 |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------------|-------------------|----------------------------|------------------|------------------------------|--|
| Easting:: | 441747.97 | | | Northing:: | 5027136.83 |
| Location Accuracy:: | | | | Orig. Ground Elev m:: | 30.1 |
| Elev. Reliability Note:: | | | | DEM Ground Elev m:: | 69.9 |
| Total Depth m:: | 6.2 | | | Primary Name:: | BH 2 |
| Township:: | | | | Concession:: | |
| Lot:: | | | | Municipality: | |
| Completion Date:: | 11-MAY-1968 | | | Static Water Level:: | -999.9 |
| Primary Water Use:: | | | | Sec. Water Use:: | |
| --Details-- | | | | | |
| Stratum ID: | 218582273 | | | Top Depth(m): | 0.0 |
| Bottom Depth(m): | 0.1 | | | Stratum Desc: | Asphalt |
| Stratum ID: | 218582274 | | | Top Depth(m): | 0.1 |
| Bottom Depth(m): | 0.3 | | | Stratum Desc: | Dark Brown Fill-Misc Sand - Gravel |
| Stratum ID: | 218582275 | | | Top Depth(m): | 0.3 |
| Bottom Depth(m): | 3.0 | | | Stratum Desc: | Brown Very Loose to Loose Sand With: Gr Trace: Si |
| Stratum ID: | 218582276 | | | Top Depth(m): | 3.0 |
| Bottom Depth(m): | 4.7 | | | Stratum Desc: | Grey Stiff Silty Clay Trace: Gr |
| Stratum ID: | 218582277 | | | Top Depth(m): | 4.7 |
| Bottom Depth(m): | 6.2 | | | Stratum Desc: | Grey Dense Till sand silt With: Cl W Gr |

[31](#) 1 of 2 SSW/188.9 69.3 Ottawa-Carleton District School Board 407 Hilson Avenue Ottawa ON GEN

PO Box Num:
Status:
Country:
Generator #: ON7040230
Approval Yrs:: 2013
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

[31](#) 2 of 2 SSW/188.9 69.3 Ottawa-Carleton District School Board Health & Safety 407 Hilson Avenue Ottawa ON K1Z 6B9 GEN

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON7040230
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 146 T

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------------|---------------------------------------|---|------------------|--|------------------------------------|
| Waste Description: | | Other specified inorganic sludges, slurries or solids | | | |
| Waste Code: | | 145 I | | | |
| Waste Description: | | Wastes from the use of pigments, coatings and paints | | | |
| 32 | 1 of 1 | ESE/195.5 | 71.0 | ON | BORE |
| Borehole ID: | 805589 | | | Type: | Borehole |
| Use: | Geotechnical/Geological Investigation | | | Status:: | |
| Drill Method:: | Not known | | | UTM Zone:: | 18 |
| Easting:: | 441971.14 | | | Northing:: | 5027212.66 |
| Location Accuracy:: | | | | Orig. Ground Elev m:: | -999.9 |
| Elev. Reliability Note:: | | | | DEM Ground Elev m:: | 71.1 |
| Total Depth m:: | 1.6 | | | Primary Name:: | AH.2 |
| Township:: | | | | Concession:: | |
| Lot:: | | | | Municipality: | |
| Completion Date:: | 30-JUL-1987 | | | Static Water Level:: | -999.9 |
| Primary Water Use:: | | | | Sec. Water Use:: | |
| --Details-- | | | | | |
| Stratum ID: | 218585383 | | | Top Depth(m): | 0.0 |
| Bottom Depth(m): | 0.1 | | | Stratum Desc: | Asphalt |
| Stratum ID: | 218585384 | | | Top Depth(m): | 0.1 |
| Bottom Depth(m): | 0.2 | | | Stratum Desc: | Crushed Stone |
| Stratum ID: | 218585385 | | | Top Depth(m): | 0.2 |
| Bottom Depth(m): | 0.4 | | | Stratum Desc: | Grey Crushed Stone With: Cob |
| Stratum ID: | 218585386 | | | Top Depth(m): | 0.4 |
| Bottom Depth(m): | 0.6 | | | Stratum Desc: | Dark Brown Silt - Sand With: Org M |
| Stratum ID: | 218585387 | | | Top Depth(m): | 0.6 |
| Bottom Depth(m): | 1.6 | | | Stratum Desc: | Light Brown Silt - Sand With: Gr |
| 33 | 1 of 1 | ENE/197.6 | 66.3 | Newcombe Holdings Limited 1440 Wellington Street West Ottawa ON K1Y 2X3 | CA |
| Certificate #: | 6933-6EAL9G | | | | |
| Application Year: | 2005 | | | | |
| Issue Date: | 7/15/2005 | | | | |
| Approval Type: | Industrial Sewage Works | | | | |
| Status: | Approved | | | | |
| Application Type: | | | | | |
| Client Name:: | | | | | |
| Client Address:: | | | | | |
| Client City:: | | | | | |
| Client Postal Code:: | | | | | |
| Project Description:: | | | | | |
| Contaminants:: | | | | | |
| Emission Control:: | | | | | |
| 34 | 1 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LTD. 145 RICHMOND ROAD OTTAWA CITY ON K1Z 1A1 | CA |
| Certificate #: | 8-4144-97- | | | | |
| Application Year: | 97 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|---|------------------|--|-----|
| Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: | | 11/14/1997 Industrial air Approved TWENTY-ONE EMISSION SOURCES | | | |
| 34 | 2 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1 | CA |
| Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: | | 0052-6A6SDK 2005 6/11/2005 Air Revoked and/or Replaced | | | |
| 34 | 3 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1 | CA |
| Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: | | 8637-6HZJ6S 2005 11/17/2005 Air Approved | | | |
| 34 | 4 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LTD. 145 RICHMOND ROAD City of Ottawa ON K1Z 1A1 | EBR |
| Company Name: Year: Notice Type: EBR Registry No.: Instrument Type: Proposal Date: Ministry Ref. No.: Location: | | 1997 Instrument IA7E1244 EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) 8/25/97 City of Ottawa | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|------------------------------|--------------------------|--|--------------------------|--|------------|
| Proponent Address: | | CANADIAN BANK NOTE COMPANY LTD.,145 Richmond Road,Ottawa, Ontario,K1Z 1A1 | | | |
| Notice Date: | | | | | |
| 34 | 5 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company Limited 145 Richmond Road Ottawa ON K1Z 1A1 | EBR |
| Company Name: | | | | | |
| Year: | | 2004 | | | |
| Notice Type: | | Instrument Decision | | | |
| EBR Registry No.: | | IA04E0246 | | | |
| Instrument Type: | | Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9 | | | |
| Proposal Date: | | | | | |
| Ministry Ref. No.: | | 1421-5VVP5 | | | |
| Location: | | 145 Richmond Road Ottawa Ontario K1Z 1A1 | | | |
| Proponent Address: | | 145 Richmond Road Ottawa Ontario K1Z 1A1 | | | |
| Notice Date: | | | | | |
| 34 | 6 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1 | EBR |
| Company Name: | | | | | |
| Year: | | 2004 | | | |
| Notice Type: | | Instrument Decision | | | |
| EBR Registry No.: | | IA04E1404 | | | |
| Instrument Type: | | Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9 | | | |
| Proposal Date: | | | | | |
| Ministry Ref. No.: | | 8151-65BRAT | | | |
| Location: | | 145 Richmond Road Ottawa Ontario K1Z 1A1 | | | |
| Proponent Address: | | 145 Richmond Road Ottawa Ontario K1Z 1A1 | | | |
| Notice Date: | | | | | |
| 34 | 7 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company, Limited 145 Richmond Road Ottawa ON K1Z 1A1 | EBR |
| Company Name: | | | | | |
| Year: | | 2010 | | | |
| Notice Type: | | Instrument Proposal | | | |
| EBR Registry No.: | | 011-0141 | | | |
| Instrument Type: | | (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) | | | |
| Proposal Date: | | May 28, 2010 | | | |
| Ministry Ref. No.: | | 3342-85EPKF | | | |
| Location: | | 145 Richmond Road Ottawa K1Z 1A1 | | | |
| Proponent Address: | | 145 Richmond Road Ottawa Ontario Canada K1Z 1A1 | | | |
| Notice Date: | | | | | |
| 34 | 8 of 25 | W/198.3 | 64.5 | 145 Richmond Road Ottawa ON K1Z 1A1 | EHS |
| Postal Code: | | | | | |
| City: | | | | | |
| Address2: | | | | | |
| Address1: | | | | | |
| Provstate: | | | | | |
| Order No.: | | 20090914013 | | | |
| Addit. Info Ordered.: | | | | | |
| Report Date: | | 9/18/2009 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|----------------------------|-------------------|-------------------------|---------------|------|----|
| Report Type: | | Custom Report | | | |
| Search Radius (km): | | 0.25 | | | |

| | | | | | |
|--------------------|---------|---------|------|---|-----|
| 34 | 9 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE CO. LTD. P.O. BOX 8394 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | GEN |
|--------------------|---------|---------|------|---|-----|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs.: 86,87,88,89,90
SIC Code: 2819
SIC Description: OTHER COMM. PRINTING

--Details--

Waste Code: 111
Waste Description: SPENT PICKLE LIQUOR

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

| | | | | | |
|--------------------|----------|---------|------|--|-----|
| 34 | 10 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LIMITED 145 RICHMOND ROAD OTTAWA ON K1Z 1A1 | GEN |
|--------------------|----------|---------|------|--|-----|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs.: 92,93,97,98,99,00,01
SIC Code: 2819
SIC Description: OTHER COMM. PRINTING

--Details--

Waste Code: 111
Waste Description: SPENT PICKLE LIQUOR

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| Waste Code: | | 121 | | | |
| Waste Description: | | ALKALINE WASTES - HEAVY METALS | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| Waste Code: | | 131 | | | |
| Waste Description: | | NEUTRALIZED WASTES - HEAVY METALS | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| Waste Code: | | 264 | | | |
| Waste Description: | | PHOTOPROCESSING WASTES | | | |
| Waste Code: | | 265 | | | |
| Waste Description: | | GRAPHIC ART WASTES | | | |

[34](#)

11 of 25

W/198.3

64.5

CANADIAN BANK NOTE COMPANY LIMITED08-146
145 RICHMOND ROAD
OTTAWA ON K1Z 1A1

GEN

PO Box Num:

Status:

Country:

Generator #:

ON0045200

Approval Yrs.:

94,95,96

SIC Code:

2819

SIC Description:

OTHER COMM. PRINTING

--Details--

Waste Code:

121

Waste Description:

ALKALINE WASTES - HEAVY METALS

Waste Code:

122

Waste Description:

ALKALINE WASTES - OTHER METALS

Waste Code:

131

Waste Description:

NEUTRALIZED WASTES - HEAVY METALS

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elevation (m)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Waste Code:</i> | | 145 | | | |
| <i>Waste Description:</i> | | PAINT/PIGMENT/COATING RESIDUES | | | |
| <i>Waste Code:</i> | | 212 | | | |
| <i>Waste Description:</i> | | ALIPHATIC SOLVENTS | | | |
| <i>Waste Code:</i> | | 213 | | | |
| <i>Waste Description:</i> | | PETROLEUM DISTILLATES | | | |
| <i>Waste Code:</i> | | 241 | | | |
| <i>Waste Description:</i> | | HALOGENATED SOLVENTS | | | |
| <i>Waste Code:</i> | | 252 | | | |
| <i>Waste Description:</i> | | WASTE OILS & LUBRICANTS | | | |
| <i>Waste Code:</i> | | 264 | | | |
| <i>Waste Description:</i> | | PHOTOPROCESSING WASTES | | | |
| <i>Waste Code:</i> | | 265 | | | |
| <i>Waste Description:</i> | | GRAPHIC ART WASTES | | | |
| <i>Waste Code:</i> | | 111 | | | |
| <i>Waste Description:</i> | | SPENT PICKLE LIQUOR | | | |
| <i>Waste Code:</i> | | 112 | | | |
| <i>Waste Description:</i> | | ACID WASTE - HEAVY METALS | | | |

| | | | | | |
|--------------------|----------|----------------|-------------|--|------------|
| 34 | 12 of 25 | <i>W/198.3</i> | <i>64.5</i> | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1 | GEN |
|--------------------|----------|----------------|-------------|--|------------|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs:: 02,03,04,05,06,07,08
SIC Code: 323113
SIC Description: Commercial Screen Printing

--Details--

| | |
|---------------------------|--------------------------------|
| <i>Waste Code:</i> | 265 |
| <i>Waste Description:</i> | GRAPHIC ART WASTES |
| <i>Waste Code:</i> | 268 |
| <i>Waste Description:</i> | AMINES |
| <i>Waste Code:</i> | 268 |
| <i>Waste Description:</i> | AMINES |
| <i>Waste Code:</i> | 111 |
| <i>Waste Description:</i> | SPENT PICKLE LIQUOR |
| <i>Waste Code:</i> | 133 |
| <i>Waste Description:</i> | BRINES, CHLOR-ALKALI WASTES |
| <i>Waste Code:</i> | 221 |
| <i>Waste Description:</i> | LIGHT FUELS |
| <i>Waste Code:</i> | 262 |
| <i>Waste Description:</i> | DETERGENTS/SOAPS |
| <i>Waste Code:</i> | 121 |
| <i>Waste Description:</i> | ALKALINE WASTES - HEAVY METALS |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|-----------------------------------|-------------|-----------|
| Waste Code: | | | 122 | | |
| Waste Description: | | | ALKALINE WASTES - OTHER METALS | | |
| Waste Code: | | | 131 | | |
| Waste Description: | | | NEUTRALIZED WASTES - HEAVY METALS | | |
| Waste Code: | | | 135 | | |
| Waste Description: | | | REACTIVE ANION WASTES | | |
| Waste Code: | | | 146 | | |
| Waste Description: | | | OTHER SPECIFIED INORGANICS | | |
| Waste Code: | | | 150 | | |
| Waste Description: | | | INERT INORGANIC WASTES | | |
| Waste Code: | | | 232 | | |
| Waste Description: | | | POLYMERIC RESINS | | |
| Waste Code: | | | 243 | | |
| Waste Description: | | | PCB'S | | |
| Waste Code: | | | 251 | | |
| Waste Description: | | | OIL SKIMMINGS & SLUDGES | | |
| Waste Code: | | | 263 | | |
| Waste Description: | | | ORGANIC LABORATORY CHEMICALS | | |
| Waste Code: | | | 267 | | |
| Waste Description: | | | ORGANIC ACIDS | | |
| Waste Code: | | | 331 | | |
| Waste Description: | | | WASTE COMPRESSED GASES | | |
| Waste Code: | | | 112 | | |
| Waste Description: | | | ACID WASTE - HEAVY METALS | | |
| Waste Code: | | | 114 | | |
| Waste Description: | | | OTHER INORGANIC ACID WASTES | | |
| Waste Code: | | | 145 | | |
| Waste Description: | | | PAINT/PIGMENT/COATING RESIDUES | | |
| Waste Code: | | | 148 | | |
| Waste Description: | | | INORGANIC LABORATORY CHEMICALS | | |
| Waste Code: | | | 212 | | |
| Waste Description: | | | ALIPHATIC SOLVENTS | | |
| Waste Code: | | | 213 | | |
| Waste Description: | | | PETROLEUM DISTILLATES | | |
| Waste Code: | | | 241 | | |
| Waste Description: | | | HALOGENATED SOLVENTS | | |
| Waste Code: | | | 252 | | |
| Waste Description: | | | WASTE OILS & LUBRICANTS | | |
| Waste Code: | | | 253 | | |
| Waste Description: | | | EMULSIFIED OILS | | |
| Waste Code: | | | 264 | | |
| Waste Description: | | | PHOTOPROCESSING WASTES | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---|-------------------|----------------------------|------------------|---|-----|
| 34 | 13 of 25 | W/198.3 | 64.5 | Ed Brunet & Associates Inc. 145 Richmond Road Ottawa ON K1Z 1A1 | GEN |
| PO Box Num: Status: Country: Generator #: ON9380521 Approval Yrs:: 02,03,04 SIC Code: SIC Description: | | | | | |
| --Details-- Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES | | | | | |

| | | | | | |
|---|----------|---------|------|---|-----|
| 34 | 14 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1 | GEN |
| PO Box Num: Status: Country: Generator #: ON0045200 Approval Yrs:: As of May 2015 SIC Code: SIC Description: | | | | | |
| --Details-- Waste Code: 252 Waste Description: Waste crankcase oils and lubricants | | | | | |
| Waste Code: 131 Waste Description: Neutralized solutions - containing heavy metals | | | | | |
| Waste Code: 265 Waste Description: Graphic arts wastes | | | | | |
| Waste Code: 243 Waste Description: PCB | | | | | |
| Waste Code: 121 Waste Description: Alkaline slutions - containing heavy metals | | | | | |
| Waste Code: 263 Waste Description: Misc. waste organic chemicals | | | | | |
| Waste Code: 331 Waste Description: Waste compressed gases including cylinders | | | | | |
| Waste Code: 112 Waste Description: Acid solutions - containing heavy metals | | | | | |
| Waste Code: 213 Waste Description: Petroleum distillates | | | | | |
| Waste Code: 146 Waste Description: Other specified inorganic sludges, slurries or solids | | | | | |
| Waste Code: 262 Waste Description: Detergents and soaps | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|--|--------------------------|-------------|-----------|
| Waste Code: | | 241 | | | |
| Waste Description: | | Halogenated solvents and residues | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | Aliphatic solvents and residues | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | Alkaline slutions - containing other metals and non-metals (not cyanide) | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | Emulsified oils | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | Polymeric resins | | | |
| Waste Code: | | 264 | | | |
| Waste Description: | | Photoprocessing wastes | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | Wastes from the use of pigments, coatings and paints | | | |
| Waste Code: | | 267 | | | |
| Waste Description: | | Organic acids | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | Misc. wastes and inorganic chemicals | | | |

| | | | | | |
|--------------------|----------|----------------|-------------|--|------------|
| 34 | 15 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1 | GEN |
|--------------------|----------|----------------|-------------|--|------------|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs.: 2009
SIC Code: 323113, 323119
SIC Description: Commercial Screen Printing, Other Printing

--Details--

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 268
Waste Description: AMINES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elevation (m)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|--------------------------------|-----------------------------------|-------------|-----------|
| <i>Waste Code:</i> | | | 131 | | |
| <i>Waste Description:</i> | | | NEUTRALIZED WASTES - HEAVY METALS | | |
| <i>Waste Code:</i> | | | 133 | | |
| <i>Waste Description:</i> | | | BRINES, CHLOR-ALKALI WASTES | | |
| <i>Waste Code:</i> | | | 135 | | |
| <i>Waste Description:</i> | | | REACTIVE ANION WASTES | | |
| <i>Waste Code:</i> | | | 145 | | |
| <i>Waste Description:</i> | | | PAINT/PIGMENT/COATING RESIDUES | | |
| <i>Waste Code:</i> | | | 146 | | |
| <i>Waste Description:</i> | | | OTHER SPECIFIED INORGANICS | | |
| <i>Waste Code:</i> | | | 148 | | |
| <i>Waste Description:</i> | | | INORGANIC LABORATORY CHEMICALS | | |
| <i>Waste Code:</i> | | | 212 | | |
| <i>Waste Description:</i> | | | ALIPHATIC SOLVENTS | | |
| <i>Waste Code:</i> | | | 213 | | |
| <i>Waste Description:</i> | | | PETROLEUM DISTILLATES | | |
| <i>Waste Code:</i> | | | 232 | | |
| <i>Waste Description:</i> | | | POLYMERIC RESINS | | |
| <i>Waste Code:</i> | | | 241 | | |
| <i>Waste Description:</i> | | | HALOGENATED SOLVENTS | | |
| <i>Waste Code:</i> | | | 243 | | |
| <i>Waste Description:</i> | | | PCBS | | |
| <i>Waste Code:</i> | | | 251 | | |
| <i>Waste Description:</i> | | | OIL SKIMMINGS & SLUDGES | | |
| <i>Waste Code:</i> | | | 252 | | |
| <i>Waste Description:</i> | | | WASTE OILS & LUBRICANTS | | |
| <i>Waste Code:</i> | | | 253 | | |
| <i>Waste Description:</i> | | | EMULSIFIED OILS | | |
| <i>Waste Code:</i> | | | 262 | | |
| <i>Waste Description:</i> | | | DETERGENTS/SOAPS | | |
| <i>Waste Code:</i> | | | 263 | | |
| <i>Waste Description:</i> | | | ORGANIC LABORATORY CHEMICALS | | |
| <i>Waste Code:</i> | | | 264 | | |
| <i>Waste Description:</i> | | | PHOTOPROCESSING WASTES | | |

[34](#)

16 of 25

W/198.3

64.5

CANADIAN BANK NOTE COMPANY LIMITED
 145 Richmond Rd.
 Ottawa ON K1Z 1A1

GEN

PO Box Num:

Status:

Country:

Generator #:

ON0045200

Approval Yrs.:

2010

SIC Code:

323113, 323119

SIC Description:

Commercial Screen Printing, Other Printing

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|-----------------------------------|-------------|-----------|
| --Details-- | | | | | |
| Waste Code: | | | 212 | | |
| Waste Description: | | | ALIPHATIC SOLVENTS | | |
| Waste Code: | | | 112 | | |
| Waste Description: | | | ACID WASTE - HEAVY METALS | | |
| Waste Code: | | | 252 | | |
| Waste Description: | | | WASTE OILS & LUBRICANTS | | |
| Waste Code: | | | 232 | | |
| Waste Description: | | | POLYMERIC RESINS | | |
| Waste Code: | | | 265 | | |
| Waste Description: | | | GRAPHIC ART WASTES | | |
| Waste Code: | | | 268 | | |
| Waste Description: | | | AMINES | | |
| Waste Code: | | | 148 | | |
| Waste Description: | | | INORGANIC LABORATORY CHEMICALS | | |
| Waste Code: | | | 253 | | |
| Waste Description: | | | EMULSIFIED OILS | | |
| Waste Code: | | | 131 | | |
| Waste Description: | | | NEUTRALIZED WASTES - HEAVY METALS | | |
| Waste Code: | | | 331 | | |
| Waste Description: | | | WASTE COMPRESSED GASES | | |
| Waste Code: | | | 133 | | |
| Waste Description: | | | BRINES, CHLOR-ALKALI WASTES | | |
| Waste Code: | | | 263 | | |
| Waste Description: | | | ORGANIC LABORATORY CHEMICALS | | |
| Waste Code: | | | 241 | | |
| Waste Description: | | | HALOGENATED SOLVENTS | | |
| Waste Code: | | | 121 | | |
| Waste Description: | | | ALKALINE WASTES - HEAVY METALS | | |
| Waste Code: | | | 243 | | |
| Waste Description: | | | PCBS | | |
| Waste Code: | | | 267 | | |
| Waste Description: | | | ORGANIC ACIDS | | |
| Waste Code: | | | 122 | | |
| Waste Description: | | | ALKALINE WASTES - OTHER METALS | | |
| Waste Code: | | | 213 | | |
| Waste Description: | | | PETROLEUM DISTILLATES | | |
| Waste Code: | | | 262 | | |
| Waste Description: | | | DETERGENTS/SOAPS | | |
| Waste Code: | | | 146 | | |
| Waste Description: | | | OTHER SPECIFIED INORGANICS | | |
| Waste Code: | | | 145 | | |
| Waste Description: | | | PAINT/PIGMENT/COATING RESIDUES | | |
| Waste Code: | | | 251 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| Waste Code: | | 135 | | | |
| Waste Description: | | REACTIVE ANION WASTES | | | |
| Waste Code: | | 264 | | | |
| Waste Description: | | PHOTOPROCESSING WASTES | | | |
| Waste Code: | | 114 | | | |
| Waste Description: | | OTHER INORGANIC ACID WASTES | | | |

| | | | | | |
|---------------------------|----------|----------------|-------------|--|------------|
| <u>34</u> | 17 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1 | GEN |
|---------------------------|----------|----------------|-------------|--|------------|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs:: 2011
SIC Code: 323113, 323119
SIC Description: Commercial Screen Printing, Other Printing

--Details--

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 135
Waste Description: REACTIVE ANION WASTES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 262
Waste Description: DETERGENTS/SOAPS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 253
Waste Description: EMULSIFIED OILS

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Waste Code: | | 121 | | | |
| Waste Description: | | ALKALINE WASTES - HEAVY METALS | | | |
| Waste Code: | | 267 | | | |
| Waste Description: | | ORGANIC ACIDS | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| Waste Code: | | 265 | | | |
| Waste Description: | | GRAPHIC ART WASTES | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| Waste Code: | | 243 | | | |
| Waste Description: | | PCBS | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| Waste Code: | | 133 | | | |
| Waste Description: | | BRINES, CHLOR-ALKALI WASTES | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |

| | | | | | |
|--------------------|----------|---------|------|--|------------|
| 34 | 18 of 25 | W/198.3 | 64.5 | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON K1Z 1A1 | GEN |
|--------------------|----------|---------|------|--|------------|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs.: 2012
SIC Code: 323113, 323119
SIC Description: Commercial Screen Printing, Other Printing

--Details--

| | |
|---------------------------|-------------------------|
| Waste Code: | 252 |
| Waste Description: | WASTE OILS & LUBRICANTS |
| Waste Code: | 243 |
| Waste Description: | PCBS |
| Waste Code: | 264 |
| Waste Description: | PHOTOPROCESSING WASTES |
| Waste Code: | 253 |
| Waste Description: | EMULSIFIED OILS |
| Waste Code: | 265 |
| Waste Description: | GRAPHIC ART WASTES |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elevation (m)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Waste Code:</i> | | 121 | | | |
| <i>Waste Description:</i> | | ALKALINE WASTES - HEAVY METALS | | | |
| <i>Waste Code:</i> | | 145 | | | |
| <i>Waste Description:</i> | | PAINT/PIGMENT/COATING RESIDUES | | | |
| <i>Waste Code:</i> | | 232 | | | |
| <i>Waste Description:</i> | | POLYMERIC RESINS | | | |
| <i>Waste Code:</i> | | 122 | | | |
| <i>Waste Description:</i> | | ALKALINE WASTES - OTHER METALS | | | |
| <i>Waste Code:</i> | | 263 | | | |
| <i>Waste Description:</i> | | ORGANIC LABORATORY CHEMICALS | | | |
| <i>Waste Code:</i> | | 251 | | | |
| <i>Waste Description:</i> | | OIL SKIMMINGS & SLUDGES | | | |
| <i>Waste Code:</i> | | 331 | | | |
| <i>Waste Description:</i> | | WASTE COMPRESSED GASES | | | |
| <i>Waste Code:</i> | | 212 | | | |
| <i>Waste Description:</i> | | ALIPHATIC SOLVENTS | | | |
| <i>Waste Code:</i> | | 112 | | | |
| <i>Waste Description:</i> | | ACID WASTE - HEAVY METALS | | | |
| <i>Waste Code:</i> | | 133 | | | |
| <i>Waste Description:</i> | | BRINES, CHLOR-ALKALI WASTES | | | |
| <i>Waste Code:</i> | | 148 | | | |
| <i>Waste Description:</i> | | INORGANIC LABORATORY CHEMICALS | | | |
| <i>Waste Code:</i> | | 131 | | | |
| <i>Waste Description:</i> | | NEUTRALIZED WASTES - HEAVY METALS | | | |
| <i>Waste Code:</i> | | 267 | | | |
| <i>Waste Description:</i> | | ORGANIC ACIDS | | | |
| <i>Waste Code:</i> | | 114 | | | |
| <i>Waste Description:</i> | | OTHER INORGANIC ACID WASTES | | | |
| <i>Waste Code:</i> | | 146 | | | |
| <i>Waste Description:</i> | | OTHER SPECIFIED INORGANICS | | | |
| <i>Waste Code:</i> | | 262 | | | |
| <i>Waste Description:</i> | | DETERGENTS/SOAPS | | | |
| <i>Waste Code:</i> | | 213 | | | |
| <i>Waste Description:</i> | | PETROLEUM DISTILLATES | | | |
| <i>Waste Code:</i> | | 241 | | | |
| <i>Waste Description:</i> | | HALOGENATED SOLVENTS | | | |
| <i>Waste Code:</i> | | 135 | | | |
| <i>Waste Description:</i> | | REACTIVE ANION WASTES | | | |
| <i>Waste Code:</i> | | 268 | | | |
| <i>Waste Description:</i> | | AMINES | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|-----|
| <p>Year: 2000 EBR Registry No.: IA00E1810 Ministry Reference Number: Notice Type: Instrument Instrument Type: OWRA s. 34 - Permit to take water Proposal Date: Location: City of Ottawa Proponent Address: Canadian Bank Note Company Ltd.145 Richmond Road,Ottawa, Ontario, K1Z 1A1 Notice Date:</p> | | | | | |
| 34 | 20 of 25 | W/198.3 | 64.5 | Canadian Bank Note Co. Ltd. 145 Richmond Rd Ottawa ON K1Z 1A1 | SCT |
| <p>Established: 01-AUG-97 Plant Size (ft²): Employment:</p> <p>--Details-- Description: Computer and Peripheral Equipment Manufacturing SIC/NAICS Code: 334110</p> <p>Description: Support Activities for Printing SIC/NAICS Code: 323120</p> <p>Description: Other Printing SIC/NAICS Code: 323119</p> | | | | | |
| 34 | 21 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company Limited 145 Richmond Rd Ottawa ON K1Z 1A1 | SCT |
| <p>Established: 1897 Plant Size (ft²): Employment: 520</p> | | | | | |
| 34 | 22 of 25 | W/198.3 | 64.5 | PRIVATE BUSINESS 145 RICHMOND DR. STORAGE TANK OTTAWA CITY ON K1Z 1A1 | SPL |
| <p>Ref No: 218303 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: UNDERGROUND TANK LEAK Incident Dt: 12/15/2001 Incident Reason: UNKNOWN Incident Summary: CANADIAN BANK NOTE INC. 80 L LUBRICATING OIL TO GROUND. MOE Reported Dt: 12/15/2001 Environmental Impact: Possible Nature of Impact: Soil contamination Receiving Medium: Land SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 20107</p> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|-----|
| 34 | 23 of 25 | W/198.3 | 64.5 | Waste Management of Canada Corporation; Canada Bank Note<UNOFFICIAL> 145 Richmond Rd Ottawa ON K1Z 1A1 | SPL |
| <p> Ref No: 3737-7F9MF8 Contaminant Code: 27 Contaminant Name: PAINT (OIL-BASED) Contaminant Quantity: 4 L Incident Cause: Incident Dt: Incident Reason: Incident Summary: Waste Mgmt: paint from garbage to parking lot. Cleaning. MOE Reported Dt: 6/3/2008 Environmental Impact: Not Anticipated Nature of Impact: Receiving Medium: SAC Action Class: Land Spills Sector Source Type: Waste Disposal Site Receiving Environment: Incident Event: Site Municipality: Ottawa </p> | | | | | |
| 34 | 24 of 25 | W/198.3 | 64.5 | Pinchin Environmental Ltd. 145 Richmond Rd Ottawa ON K1Z 1A1 | SPL |
| <p> Ref No: 2080-7WCRV6 Contaminant Code: 15 Contaminant Name: LUBRICATING OIL/GREASE Contaminant Quantity: 80 L Incident Cause: Incident Dt: Incident Reason: Incident Summary: FOI request on Canadian Bank Note MOE Reported Dt: 9/29/2009 Environmental Impact: Not Anticipated Nature of Impact: Receiving Medium: SAC Action Class: Freedom of Information Requests (FOI) Sector Source Type: Unknown Receiving Environment: Incident Event: Site Municipality: </p> | | | | | |
| 34 | 25 of 25 | W/198.3 | 64.5 | Canadian Bank Note Company, Limited 145 Richmond Rd Ottawa ON K1Z 1A1 | SPL |
| <p> Ref No: 7376-8UXMEC Contaminant Code: 12 Contaminant Name: GASOLINE Contaminant Quantity: Incident Cause: Other Discharges Incident Dt: 04-JUN-12 Incident Reason: Negligence (Apparent) - Caused by lack of diligence Incident Summary: Canadian Bank Note, ½-1L gasoline to gravel, clng MOE Reported Dt: 04-JUN-12 Environmental Impact: Not Anticipated Nature of Impact: Receiving Medium: Sewage - Municipal/Private and Commercial </p> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|-------------------|---|------------------|---|------|
| SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: | | Land Spills Other Ottawa | | | |
| 35 | 1 of 3 | SSW/198.4 | 69.5 | Ottawa-Carleton District School Board Health & Safety 407 Hilson Avenue Ottawa ON K1Z 6B9 | GEN |
| PO Box Num: Status: Country: Generator #: Approval Yrs.: SIC Code: SIC Description: | | ON7040230 As of May 2015 | | | |
| --Details-- Waste Code: Waste Description: | | 146 Other specified inorganic sludges, slurries or solids | | | |
| Waste Code: Waste Description: | | 145 Wastes from the use of pigments, coatings and paints | | | |
| 35 | 2 of 3 | SSW/198.4 | 69.5 | Ottawa-Carleton District School Board 407 Hilson Avenue Ottawa ON K1Z 6B9 | GEN |
| PO Box Num: Status: Country: Generator #: Approval Yrs.: SIC Code: SIC Description: | | ON7040230 2011 611110 | | | |
| 35 | 3 of 3 | SSW/198.4 | 69.5 | Ottawa-Carleton District School Board 407 Hilson Avenue Ottawa ON K1Z 6B9 | GEN |
| PO Box Num: Status: Country: Generator #: Approval Yrs.: SIC Code: SIC Description: | | ON7040230 2012 611110 Elementary and Secondary Schools | | | |
| 36 | 1 of 1 | ENE/202.8 | 67.1 | OTTAWA ON | WWIS |
| Well ID: Construction Date.: Primary Water Use.: Sec. Water Use.: Final Well Status.: | | 1535588 Observation Wells | | Lot: Concession: Concession Name: Easting NAD83.: Northing NAD83.: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|--------------------------|-----------|
| Specific Capacity:: | | | | Zone:: | |
| Municipality: | OTTAWA CITY | | | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | | | |
| Bore Hole Information | | | | | |
| -- | -- | | | | |
| Bore Hole ID: | 11316127 | | | | |
| DP2BR: | | | | | |
| Code OB: | 0 | | | | |
| Code OB Description: | Overburden | | | | |
| Open Hole: | | | | | |
| Date Completed: | 04-APR-05 | | | | |
| Remarks: | | | | | |
| Zone: | 18 | | | | |
| East 83: | 442000 | | | | |
| North 83: | 5027350 | | | | |
| UTMRC: | | | | | |
| UTMRC Description: | | | | | |
| Location Method: | wwr | | | | |
| Org CS: | UTM83 | | | | |
| Elevation: | 66.93 | | | | |
| Elevrc: | | | | | |
| Elevrc Description: | | | | | |
| Location Source Date: | | | | | |
| Source Revision Comment: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Supplier Comment: | | | | | |
| Spatial Status: | | | | | |
| -- | -- | | | | |
| Overburden and Bedrock Materials Interval | | | | | |
| -- | -- | | | | |
| Formation ID: | 932996684 | | | | |
| Layer: | 1 | | | | |
| General Color: | BROWN | | | | |
| Most Common Material: | GRAVEL | | | | |
| Other Materials: | SILT | | | | |
| Other Materials: | TILL | | | | |
| Formation Top Depth: | 0 | | | | |
| Formation End Depth: | 4 | | | | |
| Formation End Depth UOM: | m | | | | |
| -- | -- | | | | |
| Annular Space/Abandonment Sealing Record | | | | | |
| -- | -- | | | | |
| Plug ID: | 933271657 | | | | |
| Layer: | 1 | | | | |
| Plug From: | 0 | | | | |
| Plug To: | .7 | | | | |
| Plug Depth UOM: | m | | | | |
| -- | -- | | | | |
| Method of Construction & Well Use | | | | | |
| -- | -- | | | | |
| Method Construction ID: | 961535588 | | | | |
| Method Construction Code: | 9 | | | | |
| Method Construction: | Driving | | | | |
| Other Method Construction: | | | | | |
| -- | -- | | | | |
| Pipe Information | | | | | |
| -- | -- | | | | |
| Pipe ID: | 11330982 | | | | |
| Casing Number: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|------|----|
| -- | -- | -- | -- | -- | -- |
| Construction Record - Casing | | | | | |
| -- | -- | -- | -- | -- | -- |
| Casing ID: | | 930855430 | | | |
| Layer: | | 1 | | | |
| Open Hole or Material: | | PLASTIC | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 1 | | | |
| Casing Diameter: | | 3 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| -- | -- | -- | -- | -- | -- |
| Construction Record - Screen | | | | | |
| -- | -- | -- | -- | -- | -- |
| Screen ID: | | 933413335 | | | |
| Layer: | | 1 | | | |
| Slot: | | 10 | | | |
| Screen Top Depth: | | 1 | | | |
| Screen End Depth: | | 3.5 | | | |
| Screen Material: | | 5 | | | |
| Screen Depth UOM: | | m | | | |
| Screen Diameter UOM: | | cm | | | |
| Screen Diameter: | | 3.5 | | | |
| -- | -- | -- | -- | -- | -- |
| Hole Diameter | | | | | |
| -- | -- | -- | -- | -- | -- |
| Hole ID: | | 11533637 | | | |
| Diameter: | | 10 | | | |
| Depth From: | | 0 | | | |
| Depth To: | | 4 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| -- | -- | -- | -- | -- | -- |
| -- | -- | -- | -- | -- | -- |

[37](#) 1 of 1 ENE/209.9 66.6 368 Piccadilly Avenue Ottawa ON K1Y 0H4 EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20050318009
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans
Report Date: 3/28/2005
Report Type:
Search Radius (km): 0.25

[38](#) 1 of 1 ENE/212.3 66.0 THEBERGE DEVELOPMENTS (WESTBORO) LIMITED RSC
1433 WELLINGTON ST, OTTAWA, ON, K1Y 2X4
ON K1Y 2X4

Registration No: 96918
RSC Type:
Restoration Type:
Date Submitted: 10-Mar-11
Date Acknowledg.:
Certification Date: 11-Aug-05
Date Returned:
Soil Type:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elevation (m)</i> | <i>Site</i> | <i>DB</i> |
|------------------------------------|--------------------------|--|----------------------|-------------|-----------|
| Criteria: | | | | | |
| Current Property Use: | | Commercial | | | |
| Certificate Prop Use No: | | No CPU | | | |
| Intended Prop Use: | | Residential | | | |
| Applicable Standards: | | Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use | | | |
| Stratified (Y/N): | | | | | |
| Consultant: | | | | | |
| District Office: | | OTTAWA | | | |
| Property Municipal Address: | | 1433 WELLINGTON ST, OTTAWA, ON, K1Y 2X4 | | | |
| Legal Description: | | PT LT4, PL 145, BEING THE E 1/2, N/S RICHMOND RD (NOW WELLINGTON STREET); LTS 5 & 6, PL 145, N/S RICHMOND ROAD (NOW WELLINGTON ST) OTTAWA | | | |
| Prop. Identification No: | | 04030-0156 LT | | | |
| Entire legal prop. (y/n): | | Yes | | | |
| UTM Coordinates: | | NAD83 18-442000-5207444 | | | |
| Latitude & Longitude: | | 47.01797320N 75.76315870W (converted from UTM) | | | |
| Accuracy Estimate: | | 2 to 5 meters | | | |
| Measurement Method: | | Global Positioning System | | | |
| CPU Issued Sect 1686: | | No | | | |

| | | | | | |
|--------------------|--------|------------------|-------------|--|------------|
| 39 | 1 of 3 | WSW/213.4 | 65.6 | CANADIAN BANK NOTE COMPANY LIMITED 145 Richmond Rd. Ottawa ON | GEN |
|--------------------|--------|------------------|-------------|--|------------|

PO Box Num:
Status:
Country:
Generator #: ON0045200
Approval Yrs.: 2013
SIC Code: 323113, 323119
SIC Description: COMMERCIAL SCREEN PRINTING, OTHER PRINTING

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 243
Waste Description: PCBS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 135
Waste Description: REACTIVE ANION WASTES

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Waste Code: | | 264 | | | |
| Waste Description: | | PHOTOPROCESSING WASTES | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | EMULSIFIED OILS | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| Waste Code: | | 133 | | | |
| Waste Description: | | BRINES, CHLOR-ALKALI WASTES | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| Waste Code: | | 114 | | | |
| Waste Description: | | OTHER INORGANIC ACID WASTES | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |

[39](#)

2 of 3

WSW/213.4

65.6

CANADIAN BANK NOTE COMPANY LIMITED
145 Richmond Rd.
Ottawa ON k1z 1a1

GEN

PO Box Num:

Status:

Registered

Country:

Canada

Generator #:

ON0045200

Approval Yrs.:

As of Sep 2016

SIC Code:

SIC Description:

--Details--

Waste Code:

122 L

Waste Description:

Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Code:

122 C

Waste Description:

Alkaline slutions - containing other metals and non-metals (not cyanide)

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------|--------------------------|------------------------------------|---|-------------|-----------|
| Waste Code: | | | 112 C | | |
| Waste Description: | | | Acid solutions - containing heavy metals | | |
| Waste Code: | | | 112 B | | |
| Waste Description: | | | Acid solutions - containing heavy metals | | |
| Waste Code: | | | 121 B | | |
| Waste Description: | | | Alkaline slutions - containing heavy metals | | |
| Waste Code: | | | 145 L | | |
| Waste Description: | | | Wastes from the use of pigments, coatings and paints | | |
| Waste Code: | | | 145 I | | |
| Waste Description: | | | Wastes from the use of pigments, coatings and paints | | |
| Waste Code: | | | 131 L | | |
| Waste Description: | | | Neutralized solutions - containing heavy metals | | |
| Waste Code: | | | 146 T | | |
| Waste Description: | | | Other specified inorganic sludges, slurries or solids | | |
| Waste Code: | | | 146 L | | |
| Waste Description: | | | Other specified inorganic sludges, slurries or solids | | |
| Waste Code: | | | 146 B | | |
| Waste Description: | | | Other specified inorganic sludges, slurries or solids | | |
| Waste Code: | | | 263 L | | |
| Waste Description: | | | Misc. waste organic chemicals | | |
| Waste Code: | | | 263 I | | |
| Waste Description: | | | Misc. waste organic chemicals | | |
| Waste Code: | | | 263 B | | |
| Waste Description: | | | Misc. waste organic chemicals | | |
| Waste Code: | | | 212 L | | |
| Waste Description: | | | Aliphatic solvents and residues | | |
| Waste Code: | | | 212 I | | |
| Waste Description: | | | Aliphatic solvents and residues | | |
| Waste Code: | | | 212 B | | |
| Waste Description: | | | Aliphatic solvents and residues | | |
| Waste Code: | | | 252 L | | |
| Waste Description: | | | Waste crankcase oils and lubricants | | |
| Waste Code: | | | 213 I | | |
| Waste Description: | | | Petroleum distillates | | |
| Waste Code: | | | 148 I | | |
| Waste Description: | | | Misc. wastes and inorganic chemicals | | |
| Waste Code: | | | 148 C | | |
| Waste Description: | | | Misc. wastes and inorganic chemicals | | |
| Waste Code: | | | 148 B | | |
| Waste Description: | | | Misc. wastes and inorganic chemicals | | |
| Waste Code: | | | 262 L | | |
| Waste Description: | | | Detergents and soaps | | |
| Waste Code: | | | 253 L | | |
| Waste Description: | | | Emulsified oils | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-------------------------------|--------------------------|---|--------------------------|--|-------------|
| Waste Code: | | 251 L | | | |
| Waste Description: | | Waste oils/sludges (petroleum based) | | | |
| Waste Code: | | 267 B | | | |
| Waste Description: | | Organic acids | | | |
| Waste Code: | | 232 L | | | |
| Waste Description: | | Polymeric resins | | | |
| Waste Code: | | 232 I | | | |
| Waste Description: | | Polymeric resins | | | |
| Waste Code: | | 241 H | | | |
| Waste Description: | | Halogenated solvents and residues | | | |
| Waste Code: | | 331 I | | | |
| Waste Description: | | Waste compressed gases including cylinders | | | |
| Waste Code: | | 243 D | | | |
| Waste Description: | | PCB | | | |
| Waste Code: | | 265 L | | | |
| Waste Description: | | Graphic arts wastes | | | |
| Waste Code: | | 265 C | | | |
| Waste Description: | | Graphic arts wastes | | | |
| Waste Code: | | 264 T | | | |
| Waste Description: | | Photoprocessing wastes | | | |
| 39 | 3 of 3 | WSW/213.4 | 65.6 | Canadian Bank Note Company, Limited 145 Richmond Rd Ottawa ON K1Z 1A1 | SPL |
| Ref No: | | 4752-AB9MA5 | | | |
| Contaminant Code: | | 31 | | | |
| Contaminant Name: | | SMOKE | | | |
| Contaminant Quantity: | | 1 other - see incident description | | | |
| Incident Cause: | | | | | |
| Incident Dt: | | 2016/06/25 | | | |
| Incident Reason: | | Equipment Failure | | | |
| Incident Summary: | | Canadian Banknote: fire, smoke and particulate. | | | |
| MOE Reported Dt: | | 2016/06/25 | | | |
| Environmental Impact: | | | | | |
| Nature of Impact: | | | | | |
| Receiving Medium: | | | | | |
| SAC Action Class: | | Air Spills - Fires | | | |
| Sector Source Type: | | Miscellaneous Industrial | | | |
| Receiving Environment: | | Air; Land | | | |
| Incident Event: | | Fire/Explosion | | | |
| Site Municipality: | | Ottawa | | | |
| 40 | 1 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2003 | | | |
| Latitude: | | 45.3965 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-----------------------------|--------------------------|--|--------------------------|---|-------------|
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 11.12 | | | |
| Water: | | | | | |
| Substances Released: | | Volatile Organic Compounds (VOCs) | | | |
| Land: | | | | | |
| 40 | 2 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE COMPANY, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2004 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Nitrous oxide | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Nitrogen oxides (expressed as NO2) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | .645 | | | |
| Water: | | | | | |
| Substances Released: | | 2-Butoxyethanol | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | .672 | | | |
| Water: | | | | | |
| Substances Released: | | 2-(2-Methoxyethoxy)ethanol | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | .336 | | | |
| Water: | | | | | |
| Substances Released: | | GE - Diethylene glycol ethyl ether (DEGEE) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | .205 | | | |
| Water: | | | | | |
| Substances Released: | | GE - Ethylene glycol butyl ether acetate (EGBEA) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | .386 | | | |
| Water: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------------------------------------|--------------------------|--|--------------------------|-------------|-----------|
| Substances Released: Land: | | GE - Diethylene glycol butyl ether (DEGBE) | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: Land: | | Carbon dioxide | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: Land: | | Carbon monoxide | | | |
| Units: | | tonnes | | | |
| Air: | | 2.434 | | | |
| Water: | | | | | |
| Substances Released: Land: | | MSG#2 - Hydrotreated light distillate | | | |
| Units: | | tonnes | | | |
| Air: | | .779 | | | |
| Water: | | | | | |
| Substances Released: Land: | | MSG#1 - Solvent naphtha medium aliphatic | | | |
| Units: | | tonnes | | | |
| Air: | | 1.169 | | | |
| Water: | | | | | |
| Substances Released: Land: | | Heavy aromatic solvent naphtha | | | |
| Units: | | tonnes | | | |
| Air: | | .116 | | | |
| Water: | | | | | |
| Substances Released: Land: | | Light aromatic solvent naphtha | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: Land: | | Sulphur dioxide | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: Land: | | Methane | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: Land: | | Sulphuric acid | | | |
| Units: | | tonnes | | | |
| Air: | | .221 | | | |
| Water: | | | | | |
| Substances Released: Land: | | MSG#3 - White mineral oil | | | |
| Units: | | tonnes | | | |
| Air: | | 1.84 | | | |
| Water: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|--|--------------------------|--|--------------------------|-------------|-----------|
| Water: Substances Released: Land: | | MSG#2 - Hydrotreated light distillate | | | |
| Units: Air: Water: | | tonnes 1.5 | | | |
| Substances Released: Land: | | MSG#1 - Solvent naphtha medium aliphatic | | | |
| Units: Air: Water: | | tonnes .11 | | | |
| Substances Released: Land: | | MSG#3 - White mineral oil | | | |
| Units: Air: Water: | | kg 0 | | | |
| Substances Released: Land: | | Hexavalent chromium (and its compounds) | | | |
| Units: Air: Water: | | tonnes 10.412 | | | |
| Substances Released: Land: | | Volatile Organic Compounds (VOCs) | | | |

| | | | | | |
|--------------------|---------|---------|------|---|-------------|
| 40 | 4 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE COMPANY, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
|--------------------|---------|---------|------|---|-------------|

Longitude: -75.7463
NPRI #: 0000010631
Year: 2006
Latitude: 45.3965

--Details--

Units: tonnes
Air: 3.068
Water:
Substances Released: MSG#2 - Hydrotreated light distillate
Land:

Units: tonnes
Air:
Water:
Substances Released: Sulphuric acid
Land:

Units: tonnes
Air: 12.364
Water:
Substances Released: Volatile Organic Compounds (VOCs)
Land:

| | | | | | |
|--------------------|---------|---------|------|---|-------------|
| 40 | 5 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE COMPANY, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
|--------------------|---------|---------|------|---|-------------|

Longitude: -75.7463

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-----------------------------|-------------------|---------------------------------------|------------------|--|------|
| NPRI #: | | 0000010631 | | | |
| Year: | | 2007 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | 3.068 | | | |
| Water: | | | | | |
| Substances Released: | | MSG#2 - Hydrotreated light distillate | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 0 | | | |
| Water: | | | | | |
| Substances Released: | | Chromium (and its compounds) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 11.031 | | | |
| Water: | | | | | |
| Substances Released: | | Volatile Organic Compounds (VOCs) | | | |
| Land: | | | | | |
| 40 | 6 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE COMPANY, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2008 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 0 | | | |
| Water: | | | | | |
| Substances Released: | | Chromium (and its compounds) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 12.553 | | | |
| Water: | | | | | |
| Substances Released: | | Volatile Organic Compounds (VOCs) | | | |
| Land: | | | | | |
| 40 | 7 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE COMPANY, LIMITED 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-----------------------------|-------------------|---|------------------|--|------|
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2009 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Chromium (and its compounds) | | | |
| Land: | | | | | |
| Units: | | tonnes | | | |
| Air: | | 10.891 | | | |
| Water: | | | | | |
| Substances Released: | | Volatile Organic Compounds (VOCs) | | | |
| Land: | | | | | |
| 40 | 8 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE CO. LTD. 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2010 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |
| Land: | | | | | |
| Units: | | kg | | | |
| Air: | | 4.5 | | | |
| Water: | | | | | |
| Substances Released: | | Hexavalent chromium (and its compounds) | | | |
| Land: | | | | | |
| 40 | 9 of 12 | W/217.9 | 65.2 | CANADIAN BANK NOTE CO. LTD. 145 Richmond Road Ottawa ON K1Z1A1 | NPRI |
| Longitude: | | -75.7463 | | | |
| NPRI #: | | 0000010631 | | | |
| Year: | | 2011 | | | |
| Latitude: | | 45.3965 | | | |
| --Details-- | | | | | |
| Units: | | tonnes | | | |
| Air: | | | | | |
| Water: | | | | | |
| Substances Released: | | Sulphuric acid | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Latitude: 45.3965

--Details--

Units: tonnes

Air:

Water:

Substances Released: Sulphuric acid

Land:

Units: kg

Air: 4.478

Water:

Substances Released: Hexavalent chromium (and its compounds)

Land:

[41](#) 1 of 1 W/240.7 64.7 ON [BORE](#)

Borehole ID: 613050 **Type:** Borehole
Use: **Status::**
Drill Method:: **UTM Zone::** 18
Easting:: 441561 **Northing::** 5027312
Location Accuracy:: **Orig. Ground Elev m::** 63.7
Elev. Reliability Note:: **DEM Ground Elev m::** 64.7
Total Depth m:: 8.4 **Primary Name::**
Township:: **Concession::**
Lot:: **Municipality:**
Completion Date:: JUN-1959 **Static Water Level::** -999.9
Primary Water Use:: **Sec. Water Use::**

--Details--

Stratum ID: 218393480 **Top Depth(m):** 0.0
Bottom Depth(m): 0.9 **Stratum Desc:** ARTIFICIAL.

Stratum ID: 218393481 **Top Depth(m):** 0.9
Bottom Depth(m): 2.7 **Stratum Desc:** BOULDERS.

Stratum ID: 218393482 **Top Depth(m):** 2.7
Bottom Depth(m): 5.4 **Stratum Desc:** BOULDERS.

Stratum ID: 218393483 **Top Depth(m):** 5.4
Bottom Depth(m): 5.9 **Stratum Desc:** BEDROCK. WEATHERED.

Stratum ID: 218393484 **Top Depth(m):** 5.9
Bottom Depth(m): 6.5 **Stratum Desc:** BEDROCK.

Stratum ID: 218393485 **Top Depth(m):** 6.5
Bottom Depth(m): 6.6 **Stratum Desc:** BEDROCK. FRACTURED.

Stratum ID: 218393486 **Top Depth(m):** 6.6
Bottom Depth(m): 8.4 **Stratum Desc:** BEDROCK. WEATHERED. 0019700500
00050 011 000000120002500900050019
010 00075

[42](#) 1 of 2 ENE/243.8 66.6 GUS & JOHN SERVICE STATIONS LTD [EXP](#)

24 RICHMOND RD
OTTAWA ON K1Y 2X2

Instance No: 9707077
Instance ID:
Instance Type: FS Facility

| Map Key | Number of Records | Direction/ Distance (m) | Elevation (m) | Site | DB |
|-----------------------------------|--------------------------|---|--------------------------|---|-------------|
| Description: | | | | | |
| Status: | | EXPIRED | | | |
| TSSA Program Area: | | | | | |
| Maximum Hazard Rank: | | | | | |
| Facility Type: | | | | | |
| Expired Date: | | 8/1/1990 | | | |
| <u>42</u> | 2 of 2 | ENE/243.8 | 66.6 | GUS & JOHN SERVICE STATIONS LTD 24 RICHMOND RD OTTAWA ON K1Y 2X2 | PRT |
| Location ID: | | 11055 | | | |
| Type: | | retail | | | |
| Expiry Date: | | 1991-07-31 | | | |
| Capacity (L): | | 0 | | | |
| Licence #: | | 0050988001 | | | |
| <u>43</u> | 1 of 1 | WSW/245.4 | 68.0 | Canadian Bank Note Company Ltd Lot 145 Richmond Road City of Ottawa ON | PTTW |
| Year: | | 2001 | | | |
| EBR Registry No.: | | IA01E1574 | | | |
| Ministry Reference Number: | | | | | |
| Notice Type: | | Instrument | | | |
| Instrument Type: | | OWRA s. 34 - Permit to take water | | | |
| Proposal Date: | | 11/14/01 | | | |
| Location: | | City of Ottawa | | | |
| Proponent Address: | | Canadian Bank Note Company Ltd.145 Richmond Road,Ottawa, Ontario, K1Z 1A1 | | | |
| Notice Date: | | | | | |

Unplottable Summary

Total: 65 Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|----|----------------------------------|--------------------------------|----------------|--------|
| CA | City of Ottawa | Wellington St W | Ottawa ON | |
| CA | City of Ottawa | Wellington St W | Ottawa ON | |
| CA | City of Ottawa | Wellington St W | Ottawa ON | |
| CA | City of Ottawa | Wellington Street | Ottawa ON | |
| CA | Garden of the Provinces Park | Wellington Street | Ottawa ON | |
| CA | | Wellington Street | Ottawa ON | |
| CA | OTTAWA CITY | WELLINGTON STREET | OTTAWA CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON | WELLINGTON ST., VORTEX/DIV.CH. | OTTAWA CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON | WELLINGTON ST. COMBINED SEWER | OTTAWA CITY ON | |
| CA | OTTAWA CITY | WELLINGTON ST. COMBINED SEWER | OTTAWA CITY ON | |
| CA | City of Ottawa | Richmond Road | Ottawa ON | |
| CA | | Richmond Road | Ottawa ON | |
| CA | City of Ottawa | Richmond Road | Ottawa ON | |
| CA | City of Ottawa | Richmond Road | Ottawa ON | |
| CA | OTTAWA CITY | RICHMOND ROAD | OTTAWA CITY ON | |
| CA | OTTAWA CITY | RICHMOND ROAD | OTTAWA CITY ON | |
| CA | NON-PROFIT HOUSING CORPORATION | RICHMOND RD.NON-PROFIT HOUSING | OTTAWA CITY ON | |
| CA | Ashcroft Homes - Eastboro Inc. | Ward 2 | Ottawa ON | |
| CA | Claridge Homes (Strandherd) Inc. | | Ottawa ON | |

| | | | | |
|------|---|--|-------------------------|---------|
| CA | Claridge Homes (Cooper St) Inc. | | Ottawa ON | |
| CA | Canadian Tire Real Estate Limited | | Ottawa ON | |
| CA | Canadian Tire Real Estate Limited | | Ottawa ON | |
| CA | Claridge Homes (Carson) Inc. | | Ottawa ON | |
| CA | Ashcroft Homes - Eastboro Inc. | | Ottawa ON | |
| CA | Canadian Tire Real Estate Limited | | Ottawa ON | |
| CA | Claridge Homes (Carson) Inc. | | Ottawa ON | |
| CA | Claridge Homes (Church St.) Inc. | | Ottawa ON | |
| CA | Ottawa-Carleton District School Board | | Ottawa ON | |
| EBR | 3223701 Canada Inc. | Petrie's Landing II Lot 33, Concession 1 | OTTAWA ON | |
| ECA | Ashcroft Homes - 108 Richmond Road Inc. | Richmond Road Lots 32 and 33, Concession 1 | Ottawa ON | |
| GEN | IMPERIAL OIL LTD | ESSO PETROLEUM CANADA OTTAWA INTERNATIONAL AIRPORT | OTTAWA ON | M5W 1K3 |
| GEN | Canadian Tire Real Estate Limited | Patricia Avenue | Ottawa ON | |
| GEN | Canadian Tire Real Estate Limited | Patricia Avenue | Ottawa ON | |
| PTTW | 3223701 Canada Inc. | Petrie's Landing II Lot 33, Concession 1 | OTTAWA ON | |
| RST | CANADIAN TIRE PIT STOP & PROPANE | | OTTAWA ON | K2H5Z2 |
| RST | CANADIAN TIRE PIT STOP & PROPANE | | OTTAWA ON | K2H 5Z2 |
| SPL | ESSO PETROLEUM CANADA | ESSO DISTRIBUTION STATION BULK STATION | OTTAWA CITY ON | |
| SPL | FRANCIS FUELS | LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO) | OTTAWA-CARLETON R.M. ON | |
| SPL | Esso Petroleum Canada, A Division of Imperial Oil Limited | Nepean | Ottawa ON | |
| SPL | TEXACO | RICHMOND RD. SERVICE STATION | OTTAWA CITY ON | |
| SPL | ESSO AVITAT | | OTTAWA CITY ON | |

| | | | |
|------|---|---|----------------|
| SPL | SHELL CANADA PRODUCTS LTD. | SILVER SPRINGS FARM RICHMOND ROAD AT BASELINE BULK PLANT (N.O.S.) | NEPEAN CITY ON |
| SPL | Louis Bray Construction Limited<UNOFFICIAL> | Wellington St. under the Plaza Bridge. | Ottawa ON |
| SPL | ESSO AVITAT | | OTTAWA CITY ON |
| SPL | CANADIAN TIRE CORPORATION LTD. | SAWMILL CREEK RETAIL STORE | OTTAWA CITY ON |
| SPL | City of Ottawa | Richmond Rd. at Lovitt Westbound<UNOFFICIAL> | Ottawa ON |
| SPL | ESSO PETROLEUM CANADA | BULK STATION | OTTAWA CITY ON |
| SPL | ESSO PETROLEUM CANADA | SERVICE STATION | NEPEAN CITY ON |
| SPL | ESSO PETROLEUM CANADA | TRANSPORT TRUCK (CARGO) | OTTAWA CITY ON |
| SPL | IMPERIAL OIL | TANK TRUCK (CARGO) | NEPEAN CITY ON |
| SPL | ESSO PETROLEUM CANADA | TANK TRUCK (CARGO) | OTTAWA CITY ON |
| WDS | Waste Management of Canada Corporation | | Ottawa ON |
| WDS | Waste Management of Canada Corporation | | Ottawa ON |
| WDS | Waste Management of Canada Corporation | | Ottawa ON |
| WDS | Waste Management of Canada Corporation | | Ottawa ON |
| WWIS | | | OTTAWA ON |

WWIS

lot 34 con 1

NEPEAN ON

WWIS

OTTAWA ON

Unplottable Report

Site: City of Ottawa
Wellington St W Ottawa ON

Database:
CA

Certificate #: 9444-7DAKHD
Application Year: 2008
Issue Date: 4/1/2008
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
Wellington St W Ottawa ON

Database:
CA

Certificate #: 8722-7D3S8L
Application Year: 2008
Issue Date: 3/27/2008
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
Wellington St W Ottawa ON

Database:
CA

Certificate #: 9949-7QUP3J
Application Year: 2009
Issue Date: 4/6/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: City of Ottawa
Wellington Street Ottawa ON

Database:
CA

Certificate #: 9625-65WJYS
Application Year: 2005

Issue Date: 2/7/2005
Approval Type: Air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Garden of the Provinces Park
Wellington Street Ottawa ON

Database:
CA

Certificate #: 5387-4SNPYM
Application Year: 01
Issue Date: 3/1/01
Approval Type: Industrial air
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the City of Ottawa
Client Address:: 111 Lisgar St., Heritage Bldg., 1st Fl., N/W Office
Client City:: Ottawa
Client Postal Code:: K2P 2L7
Project Description:: This application is for a Certificate of Approval to install a granulated activated carbon (GAC) Scrubber, induced draft fan and ancillary equipment to draw air from the Garden of the Provinces shaft and treat the odorous exhaust gases prior to release into the environment.
Contaminants::
Emission Control::

Site: Wellington Street Ottawa ON

Database:
CA

Certificate #: 6456-4MDJXD
Application Year: 00
Issue Date: 7/25/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the City of Ottawa
Client Address:: 111 Sussex Drive, 7th Floor
Client City:: Ottawa
Client Postal Code:: K1N 5A1
Project Description:: Construction of storm sewers on Wellington Street from Clarenton Avenue to Parkdale Avenue and on Wellington Street from Carruthers Avenue to Irving Avenue.
Contaminants::
Emission Control::

Site: OTTAWA CITY
WELLINGTON STREET OTTAWA CITY ON

Database:
CA

Certificate #: 3-1102-89-
Application Year: 89
Issue Date: 6/12/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF OTTAWA-CARLETON
WELLINGTON ST., VORTEX/DIV.CH. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0125-97-
Application Year: 97
Issue Date: 4/27/1998
Approval Type: Municipal sewage
Status:
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF OTTAWA-CARLETON
WELLINGTON ST. COMBINED SEWER OTTAWA CITY ON

Database:
CA

Certificate #: 3-0126-97-
Application Year: 97
Issue Date: 4/15/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: OTTAWA CITY
WELLINGTON ST. COMBINED SEWER OTTAWA CITY ON

Database:
CA

Certificate #: 3-0124-97-
Application Year: 97
Issue Date: 3/27/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::

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

Site: **Richmond Road Ottawa ON**

Database:
CA

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

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

Database:
CA

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

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

Database:
CA

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

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

Database:
CA

Certificate #: 3-0159-96-
Application Year: 96
Issue Date: 4/1/1996

Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

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

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

Database:
CA

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Ashcroft Homes - Eastboro Inc.
Ward 2 Ottawa ON

Database:
CA

Certificate #: 7692-85VRBV
Application Year: 2010
Issue Date: 6/1/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Claridge Homes (Strandherd) Inc.

Database:
CA

Ottawa ON

Certificate #: 7488-6U9S5E
Application Year: 2006
Issue Date: 10/6/2006
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: *Claridge Homes (Cooper St) Inc.*
Ottawa ON

Database:
CA

Certificate #: 7666-5SKKLX
Application Year: 2003
Issue Date: 10/23/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *Canadian Tire Real Estate Limited*
Ottawa ON

Database:
CA

Certificate #: 2877-73WH5F
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *Canadian Tire Real Estate Limited*
Ottawa ON

Database:
CA

Certificate #: 6332-769QGX
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::

Emission Control::

Site: Claridge Homes (Carson) Inc.
Ottawa ON

Database:
CA

Certificate #: 8697-6Z5TCD
Application Year: 2007
Issue Date: 4/17/2007
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: Ashcroft Homes - Eastboro Inc.
Ottawa ON

Database:
CA

Certificate #: 8786-8BATXA
Application Year: 2010
Issue Date: 11/18/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Canadian Tire Real Estate Limited
Ottawa ON

Database:
CA

Certificate #: 8928-6XKJW9
Application Year: 2007
Issue Date: 2/12/2007
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Claridge Homes (Carson) Inc.
Ottawa ON

Database:
CA

Certificate #: 9611-7PUSMB
Application Year: 2009
Issue Date: 3/9/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::

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

Site: **Claridge Homes (Church St.) Inc.**
Ottawa ON

Database:
CA

Certificate #: 7739-5NWLL5
Application Year: 2003
Issue Date: 6/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **Ottawa-Carleton District School Board**
Ottawa ON

Database:
CA

Certificate #: 3668-7ZNLJYJ
Application Year: 2010
Issue Date: 2/11/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **3223701 Canada Inc.**
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database:
EBR

Company Name:
Year: 2013
Notice Type: Instrument Proposal
EBR Registry No.: 012-0496
Instrument Type: (OWRA s. 34) - Permit to take water
Proposal Date: November 22, 2013
Ministry Ref. No.: 2600-9DMNQJ
Location: Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Notice Date:

Site: **Ashcroft Homes - 108 Richmond Road Inc.**
Richmond Road Lots 32 and 33, Concession 1 Ottawa ON

Database:
ECA

Approval No: 7171-9AYQGT
Project Type: Municipal and Private Sewage
Date: 30-AUG-13
Status: Approved
Longitude:

Latitude:
Record Type:
PDF URL:

Full Address: Richmond Road Lots 32 and 33, Concession 1 on Ottawa River, geographic township of Nepean

Site: *IMPERIAL OIL LTD*
ESSO PETROLEUM CANADA OTTAWA INTERNATIONAL AIRPORT OTTAWA ON M5W 1K3

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0000713
Approval Yrs.: 86,87,88,89,90
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: *Canadian Tire Real Estate Limited*
Patricia Avenue Ottawa ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON6852402
Approval Yrs.: 2010
SIC Code: 448199
SIC Description: All Other Clothing Stores

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: *Canadian Tire Real Estate Limited*
Patricia Avenue Ottawa ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON6852402
Approval Yrs.: 2009
SIC Code: 448199
SIC Description: All Other Clothing Stores

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: *3223701 Canada Inc.*
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database:
PTTW

Year: 2013
EBR Registry No.: 012-0496
Ministry Reference Number: 2600-9DMNQJ
Notice Type: Instrument Proposal
Instrument Type: (OWRA s. 34) - Permit to take water
Proposal Date: November 22, 2013
Location: Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7

Notice Date:

Site: CANADIAN TIRE PIT STOP & PROPANE
OTTAWA ON K2H5Z2

Database:
RST

Code: 00921430
Facility: OIL CHANGES & LUBRICATION SERVICE
Description:
List Name:

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

Database:
RST

Code: 00921430
Facility: OIL CHANGES & LUBRICATION SERVICE
Description:
List Name:

Site: ESSO PETROLEUM CANADA
ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Database:
SPL

Ref No: 46877
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW
Incident Dt: 2/21/1991
Incident Reason: ERROR
Incident Summary: ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.
MOE Reported Dt: 2/21/1991
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: FRANCIS FUELS
LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No: 35061
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 5/22/1990
Incident Reason: ERROR
Incident Summary: FRANCIS FUELS-10 L DIESELFUEL TO GRAVEL.
MOE Reported Dt: 5/22/1990
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20000

Site: Esso Petroleum Canada, A Division of Imperial Oil Limited
Nepean Ottawa ON

Database:
SPL

Ref No: 0874-78WNRU
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 8 L
Incident Cause: Pipe Or Hose Leak
Incident Dt:
Incident Reason: Equipment Failure
Incident Summary: Errentom Tanklines - 8L diesel to grd
MOE Reported Dt: 11/13/2007
Environmental Impact: Confirmed
Nature of Impact: soil contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Tank Truck
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

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

Database:
SPL

Ref No: 14431
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 2/2/1989
Incident Reason: ERROR
Incident Summary:
MOE Reported Dt: 2/2/1989
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **ESSO AVITAT**
OTTAWA CITY ON

Database:
SPL

Ref No: 170215
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW
Incident Dt: 7/14/1999
Incident Reason: NEGLIGENCE (APPARENT)
Incident Summary: ESSO AVITAT: JET A-1 FUELSPILL TO GRD. 180 L MAINTENANCE ERROR CLEANED
MOE Reported Dt: 7/15/1999
Environmental Impact: NOT ANTICIPATED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **SHELL CANADA PRODUCTS LTD.**
SILVER SPRINGS FARM RICHMOND ROAD AT BASELINE BULK PLANT (N.O.S.) NEPEAN CITY ON

Database:
SPL

Ref No: 1486

Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Dt: 3/21/1988
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL OIL-45 L FUEL OIL TO GROUND--TANK LEAK AT SILVER SPRINGS
MOE Reported Dt: 3/21/1988
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20104

Site: **Louis Bray Construction Limited<UNOFFICIAL>**
Wellington St. under the Plaza Bridge. Ottawa ON

Database:
SPL

Ref No: 0134-7NYKZZ
Contaminant Code:
Contaminant Name: MUD
Contaminant Quantity: 1 ft3
Incident Cause: Container Leak (Fuel Tank Barrels)
Incident Dt:
Incident Reason: Equipment Failure
Incident Summary: Louis Bray Const: 1ft³ drilling slurry to Ottawa Locks
MOE Reported Dt: 2/5/2009
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

Site: **ESSO AVITAT**
OTTAWA CITY ON

Database:
SPL

Ref No: 169810
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW
Incident Dt: 7/4/1999
Incident Reason: OVERSTRESS/OVERPRESSURE
Incident Summary: ESSO AVITAT: 5 L JET A1 FUEL SPILL TO GROUND CONTAINED, CLEANED UP
MOE Reported Dt: 7/5/1999
Environmental Impact: NOT ANTICIPATED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **CANADIAN TIRE CORPORATION LTD.**
SAWMILL CREEK RETAIL STORE OTTAWA CITY ON

Database:
SPL

Ref No: 42952
Contaminant Code:
Contaminant Name:

Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 11/2/1990
Incident Reason: OTHER
Incident Summary: CANADIAN TIRE-1000L. ANTIFREEZE TO SAWMILL CREEK:
MOE Reported Dt: 11/2/1990
Environmental Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: WATER
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **City of Ottawa**
Richmond Rd. at Lovitt Westbound<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No: 3557-6HLVQ9
Contaminant Code:
Contaminant Name: Engine Coolant
Contaminant Quantity:
Incident Cause: Valve / Fitting Leak Or Failure
Incident Dt: 10/28/2005
Incident Reason: Equipment/Vehicles
Incident Summary: OC transit - spill 2L of engine coolant to C/B
MOE Reported Dt: 10/28/2005
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Water
SAC Action Class: Land Spills
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

Site: **ESSO PETROLEUM CANADA**
BULK STATION OTTAWA CITY ON

Database:
SPL

Ref No: 155190
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 5/1/1998
Incident Reason: NEGLIGENCE (APPARENT)
Incident Summary: ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.
MOE Reported Dt: 5/1/1998
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **ESSO PETROLEUM CANADA**
SERVICE STATION NEPEAN CITY ON

Database:
SPL

Ref No: 65520
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW

Incident Dt: 12/23/1991
Incident Reason: ERROR
Incident Summary: ESSO/TRW PETROLEUM: 30 L GASOLINE TO GROUND WHEN TANK OVERFILLED
MOE Reported Dt: 12/24/1991
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20104

Site: **ESSO PETROLEUM CANADA**
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 59519
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 11/7/1991
Incident Reason: ERROR
Incident Summary: ESSO-3 LITRES DIESEL FUEL TO GRND UNDER LOADING RACK, COUPLING NOT CLOSED
MOE Reported Dt: 11/7/1991
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: **IMPERIAL OIL**
TANK TRUCK (CARGO) NEPEAN CITY ON

Database:
SPL

Ref No: 35439
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW
Incident Dt: 5/29/1990
Incident Reason: ERROR
Incident Summary: IMPERIAL OIL - 10 L GASO- LINE TO CONCRETE. CLEAN UP COMPLETED.
MOE Reported Dt: 5/29/1990
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20104

Site: **ESSO PETROLEUM CANADA**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 47843
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 3/19/1991
Incident Reason: ERROR

Incident Summary: ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND
MOE Reported Dt: 3/20/1991
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20101

Site: Waste Management of Canada Corporation
Ottawa ON

Database:
WDS

Certificate No.: A461002
Issue Date: 8/9/2010
Status: Approved
Application Status:
Concession:
Lot:
Region/County:
Proponent:
Address:
City:
Facility Type:
District Office:
Municipalities Served:
Total Area (ha):
Landfill Capacity (m³):
Landfill Monitoring:
Landfill Control Type:
Est. Closure Date:
Transfer Area (ha):
Transfer Capacity (m³):
Transfer Sites Certificate No.:
Incinerator Area (ha):
Incinerator Capacity (t):
Processing Area (m³):
Processing Capacity (m³/d):
Processing Volume (m³):
Processing Feed (m³):
Mobile Units:
Mobile Description:
Mobile Capacity:
Mobile Unit Certificate No.:
Waste Type:
Waste Type Other:
Waste Class:
Other Approvals/Permits:
Approval Description:
Waste Description:
Site Closing Description:
PDF URL:
Record Type:
Project Type:
Latitude:
Longitude:

Site: Waste Management of Canada Corporation
Ottawa ON

Database:
WDS

Certificate No.: A461002
Issue Date: 10/27/2008
Status: Approved
Application Status:
Concession:
Lot:

Region/County:
Proponent:
Address:
City:
Facility Type:
District Office:
Municipalities Served:
Total Area (ha):
Landfill Capacity (m³):
Landfill Monitoring:
Landfill Control Type:
Est. Closure Date:
Transfer Area (ha):
Transfer Capacity (m³):
Transfer Sites Certificate No.:
Incinerator Area (ha):
Incinerator Capacity (t):
Processing Area (m³):
Processing Capacity (m³/d):
Processing Volume (m³):
Processing Feed (m³):
Mobile Units:
Mobile Description:
Mobile Capacity:
Mobile Unit Certificate No.:
Waste Type:
Waste Type Other:
Waste Class:
Other Approvals/Permits:
Approval Description:
Waste Description:
Site Closing Description:
PDF URL:
Record Type:
Project Type:
Latitude:
Longitude:

Site: Waste Management of Canada Corporation
Ottawa ON

Database:
WDS

Certificate No.: A461002
Issue Date: 8/12/2010
Status: Approved
Application Status:
Concession:
Lot:
Region/County:
Proponent:
Address:
City:
Facility Type:
District Office:
Municipalities Served:
Total Area (ha):
Landfill Capacity (m³):
Landfill Monitoring:
Landfill Control Type:
Est. Closure Date:
Transfer Area (ha):
Transfer Capacity (m³):
Transfer Sites Certificate No.:
Incinerator Area (ha):
Incinerator Capacity (t):
Processing Area (m³):
Processing Capacity (m³/d):
Processing Volume (m³):
Processing Feed (m³):

Mobile Units:
Mobile Description:
Mobile Capacity:
Mobile Unit Certificate No.:
Waste Type:
Waste Type Other:
Waste Class:
Other Approvals/Permits:
Approval Description:
Waste Description:
Site Closing Description:
PDF URL:
Record Type:
Project Type:
Latitude:
Longitude:

Site: **Waste Management of Canada Corporation**
Ottawa ON

Database:
WDS

Certificate No.: A461002
Issue Date: 4/5/2011
Status: Approved
Application Status:
Concession:
Lot:
Region/County:
Proponent:
Address:
City:
Facility Type:
District Office:
Municipalities Served:
Total Area (ha):
Landfill Capacity (m³):
Landfill Monitoring:
Landfill Control Type:
Est. Closure Date:
Transfer Area (ha):
Transfer Capacity (m³):
Transfer Sites Certificate No.:
Incinerator Area (ha):
Incinerator Capacity (t):
Processing Area (m³):
Processing Capacity (m³/d):
Processing Volume (m³):
Processing Feed (m³):
Mobile Units:
Mobile Description:
Mobile Capacity:
Mobile Unit Certificate No.:
Waste Type:
Waste Type Other:
Waste Class:
Other Approvals/Permits:
Approval Description:
Waste Description:
Site Closing Description:
PDF URL:
Record Type:
Project Type:
Latitude:
Longitude:

Site: **OTTAWA ON**

Database:
WWIS

Well ID: 1535682
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

-- --
Bore Hole ID: 11316221
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 06-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

-- --
Annular Space/Abandonment Sealing Record

-- --
Plug ID: 933274014
Layer: 1
Plug From: 4.17
Plug To: 1.85
Plug Depth UOM: m
-- --
Plug ID: 933274013
Layer: 2
Plug From: 1.85
Plug To: .16
Plug Depth UOM: m
-- --
Plug ID: 933274012
Layer: 3
Plug From: .16
Plug To: 0
Plug Depth UOM: m
-- --

Method of Construction & Well Use

-- --
Method Construction ID: 961535682
Method Construction Code:
Method Construction:
Other Method Construction:

-- --
Pipe Information

-- --
Pipe ID: 11331076
Casing Number: 1
Comment:
Alt Name:

Hole Diameter
 -- --
Hole ID: 11533767
Diameter: 21
Depth From: 4.17
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
 -- --
 -- --

Site:
 OTTAWA ON

Database:
 WWIS

Well ID: 1535686
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

-- --
Bore Hole ID: 11316225
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 09-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

-- --
Annular Space/Abandonment
Sealing Record

-- --
Plug ID: 933274026
Layer: 1
Plug From: 4.3
Plug To: 1.8
Plug Depth UOM: m
 -- --
Plug ID: 933274025
Layer: 2
Plug From: 1.8
Plug To: .16
Plug Depth UOM: m
 -- --
Plug ID: 933274024
Layer: 3
Plug From: .16
Plug To: 0
Plug Depth UOM: m

--
Method of Construction & Well Use
 --
Method Construction ID: 961535686
Method Construction Code:
Method Construction:
Other Method Construction:
 --
Pipe Information
 --
Pipe ID: 11331080
Casing Number: 1
Comment:
Alt Name:
Water Details
 --
Water ID: 934062900
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.6
Water Found Depth UOM: m
 --
Hole Diameter
 --
Hole ID: 11533771
Diameter: 21
Depth From: 4.3
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
 --
 --

Site: OTTAWA ON

Database:
 WWIS

Well ID: 1535677
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
 --
Bore Hole ID: 11316216
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 08-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:

Improvement Location Method:

Supplier Comment:

Spatial Status:

-- --

**Annular Space/Abandonment
Sealing Record**

-- --

Plug ID: 933273997

Layer: 1

Plug From: 4.2

Plug To: 1.8

Plug Depth UOM: m

-- --

Plug ID: 933273998

Layer: 2

Plug From: 1.8

Plug To: .15

Plug Depth UOM: m

-- --

Plug ID: 933273999

Layer: 3

Plug From: .15

Plug To: 0

Plug Depth UOM: m

-- --

**Method of Construction & Well
Use**

-- --

Method Construction ID: 961535677

Method Construction Code:

Method Construction:

Other Method Construction:

-- --

Pipe Information

-- --

Pipe ID: 11331071

Casing Number: 1

Comment:

Alt Name:

Water Details

-- --

Water ID: 934062892

Layer: 1

Kind Code: 1

Kind: FRESH

Water Found Depth: .88

Water Found Depth UOM: m

-- --

Hole Diameter

-- --

Hole ID: 11533762

Diameter: 21

Depth From: 4.2

Depth To: 0

Hole Depth UOM: m

Hole Diameter UOM: cm

-- --

-- --

Site:

OTTAWA ON

Database:
WWIS

Well ID: 1535683

Construction Date::

Primary Water Use:: Not Used

Sec. Water Use::

Final Well Status:: Abandoned-Other

Specific Capacity::

Municipality: OTTAWA CITY

Lot:

Concession:

Concession Name:

Easting NAD83::

Northing NAD83::

Zone::

UTM Reliability::

County: OTTAWA-CARLETON

Bore Hole Information

-- --
Bore Hole ID: 11316222
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 06-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

-- --
**Annular Space/Abandonment
Sealing Record**

-- --
Plug ID: 933274017
Layer: 1
Plug From: 4.23
Plug To: 1.8
Plug Depth UOM: m
-- --
Plug ID: 933274016
Layer: 2
Plug From: 1.8
Plug To: .15
Plug Depth UOM: m
-- --
Plug ID: 933274015
Layer: 3
Plug From: .15
Plug To: 0
Plug Depth UOM: m
-- --

**Method of Construction & Well
Use**

-- --
Method Construction ID: 961535683
Method Construction Code:
Method Construction:
Other Method Construction:

-- --
Pipe Information

-- --
Pipe ID: 11331077
Casing Number: 1
Comment:
Alt Name:
Hole Diameter
-- --
Hole ID: 11533768
Diameter: 21
Depth From: 4.23
Depth To: 0
Hole Depth UOM: m

Hole Diameter UOM: cm
--
--

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535681
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 11316220
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 07-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

--
**Annular Space/Abandonment
Sealing Record**

--
Plug ID: 933274009
Layer: 1
Plug From: 4.34
Plug To: 1.7
Plug Depth UOM: m

--
Plug ID: 933274010
Layer: 2
Plug From: 1.7
Plug To: .16
Plug Depth UOM: m

--
Plug ID: 933274011
Layer: 3
Plug From: .16
Plug To: 0
Plug Depth UOM: m

--
**Method of Construction & Well
Use**

--
Method Construction ID: 961535681
Method Construction Code:
Method Construction:

Other Method Construction:

-- --
Pipe Information
-- --
Pipe ID: 11331075
Casing Number: 1
Comment:
Alt Name:
Water Details
-- --
Water ID: 934062896
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.4
Water Found Depth UOM: m
-- --
Hole Diameter
-- --
Hole ID: 11533766
Diameter: 21
Depth From: 4.34
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
-- --
-- --

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535679
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

-- --
Bore Hole ID: 11316218
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 07-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
-- --
Annular Space/Abandonment
Sealing Record
-- --

Plug ID: 933274005
Layer: 1
Plug From: 1.76
Plug To: 1.15
Plug Depth UOM: m
 --
Plug ID: 933274004
Layer: 2
Plug From: 1.15
Plug To: .15
Plug Depth UOM: m
 --
Plug ID: 933274003
Layer: 3
Plug From: .15
Plug To: 0
Plug Depth UOM: m
 --
Method of Construction & Well Use
 --
Method Construction ID: 961535679
Method Construction Code:
Method Construction:
Other Method Construction:
 --
Pipe Information
 --
Pipe ID: 11331073
Casing Number: 1
Comment:
Alt Name:
Water Details
 --
Water ID: 934062894
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.4
Water Found Depth UOM: m
 --
Hole Diameter
 --
Hole ID: 11533764
Diameter: 21
Depth From: 1.76
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
 --
 --

Site: OTTAWA ON

Database: WWIS

Well ID: 1535678
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 11316217
DP2BR:
Code OB: --

Code OB Description: No formation data
Open Hole:
Date Completed: 08-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
 -- --
Annular Space/Abandonment Sealing Record
 -- --
Plug ID: 933274000
Layer: 1
Plug From: 4.3
Plug To: 1.7
Plug Depth UOM: m
 -- --
Plug ID: 933274001
Layer: 2
Plug From: 1.7
Plug To: .16
Plug Depth UOM: m
 -- --
Plug ID: 933274002
Layer: 3
Plug From: .16
Plug To: 0
Plug Depth UOM: m
 -- --
Method of Construction & Well Use
 -- --
Method Construction ID: 961535678
Method Construction Code:
Method Construction:
Other Method Construction:
 -- --
Pipe Information
 -- --
Pipe ID: 11331072
Casing Number: 1
Comment:
Alt Name:
Water Details
 -- --
Water ID: 934062893
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: .79
Water Found Depth UOM: m
 -- --
Hole Diameter
 -- --
Hole ID: 11533763
Diameter: 21
Depth From: 4.3

Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
-- --
-- --

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1535684
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

-- --
Bore Hole ID: 11316223
DP2BR:
Code OB: --
Code OB Description: No formation data
Open Hole:
Date Completed: 06-JUN-05
Remarks:
Zone:
East 83:
North 83:
UTMRC:
UTMRC Description:
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

-- --
**Annular Space/Abandonment
Sealing Record**

-- --
Plug ID: 933274018
Layer: 1
Plug From: 4.25
Plug To: 1.85
Plug Depth UOM: m

-- --
Plug ID: 933274020
Layer: 2
Plug From: 1.85
Plug To: .15
Plug Depth UOM: m

-- --
Plug ID: 933274019
Layer: 3
Plug From: .15
Plug To: 0
Plug Depth UOM: m

-- --
**Method of Construction & Well
Use**

-- --
Method Construction ID: 961535684

Method Construction Code:
Method Construction:
Other Method Construction:
 --
Pipe Information
 --
Pipe ID: 11331078
Casing Number: 1
Comment:
Alt Name:
Water Details
 --
Water ID: 934062898
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.18
Water Found Depth UOM: m
 --
Hole Diameter
 --
Hole ID: 11533769
Diameter: 21
Depth From: 4.25
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
 --
 --

Site:
 lot 34 con 1 NEPEAN ON

Database:
 WWIS

| | | | |
|----------------------------|-----------------|--------------------------|-----|
| Well ID: | 7105860 | Lot: | 034 |
| Construction Date:: | | Concession: | 01 |
| Primary Water Use:: | | Concession Name: | |
| Sec. Water Use:: | | Easting NAD83:: | |
| Final Well Status:: | Abandoned-Other | Northing NAD83:: | |
| Specific Capacity:: | | Zone:: | |
| Municipality: | NEPEAN TOWNSHIP | UTM Reliability:: | |
| County: | OTTAWA-CARLETON | | |

Bore Hole Information
 --
Bore Hole ID: 1001605369
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 29-APR-08
Remarks:
Zone: 18
East 83: 111233
North 83: 5912482
UTMRC: 9
UTMRC Description: unknown UTM
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
 --
Overburden and Bedrock

Materials Interval

-- --
Formation ID: 1001687855
Layer: 1
General Color:
Most Common Material:
Other Materials:
Formation Top Depth: 0
Formation End Depth:
Formation End Depth UOM: m
-- --

Annular Space/Abandonment Sealing Record

-- --
Plug ID: 1001687856
Layer: 1
Plug From: 7.01
Plug To: 0
Plug Depth UOM: m
-- --
Plug ID: 1001687857
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: m
-- --

Method of Construction & Well Use

-- --
Method Construction ID: 1001687860
Method Construction Code:
Method Construction:
Other Method Construction:
-- --

Pipe Information

-- --
Pipe ID: 1001687854
Casing Number: 0
Comment:
Alt Name:
-- --

Construction Record - Screen

-- --
Screen ID: 1001687859
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:
-- --
-- --

Site: OTTAWA ON

Database:
WWIS

Well ID: 1535680
Construction Date::
Primary Water Use:: Not Used
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--

Bore Hole ID: 11316219

DP2BR:

Code OB: --

Code OB Description: No formation data

Open Hole:

Date Completed: 07-JUN-05

Remarks:

Zone:

East 83:

North 83:

UTMRC:

UTMRC Description:

Location Method: na

Org CS:

Elevation:

Elevrc:

Elevrc Description:

Location Source Date:

Source Revision Comment:

Improvement Location Source:

Improvement Location Method:

Supplier Comment:

Spatial Status:

--

Annular Space/Abandonment Sealing Record

--

Plug ID: 933274006

Layer: 1

Plug From: 4.29

Plug To: 1.8

Plug Depth UOM: m

--

Plug ID: 933274008

Layer: 2

Plug From: 1.8

Plug To: .15

Plug Depth UOM: m

--

Plug ID: 933274007

Layer: 3

Plug From: .15

Plug To: 0

Plug Depth UOM: m

--

Method of Construction & Well Use

--

Method Construction ID: 961535680

Method Construction Code:

Method Construction:

Other Method Construction:

--

Pipe Information

--

Pipe ID: 11331074

Casing Number: 1

Comment:

Alt Name:

Water Details

--

Water ID: 934062895

Layer: 1

Kind Code: 1

Kind: FRESH

Water Found Depth: 1.9

Water Found Depth UOM: m

--

Hole Diameter

--
Hole ID: 11533765
Diameter: 21
Depth From: 4.29
Depth To: 0
Hole Depth UOM: m
Hole Diameter UOM: cm
--
--

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999 - Oct 2016

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial

[CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial [CFOT](#)

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private [CHEM](#)

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

Government Publication Date: 1999 - Oct 2016

Compressed Natural Gas Stations:

Private [CNG](#)

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial [COAL](#)

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial [CONV](#)

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

Government Publication Date: 1989-Mar 2017

Certificates of Property Use:

Provincial [CPU](#)

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

Government Publication Date: 1994-Apr 2017

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Mar 2017

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-Apr 2017

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Mar 2017

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial [EXP](#)

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal [FCON](#)

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal [FCS](#)

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

Government Publication Date: June 2000-Aug 2016

Fisheries & Oceans Fuel Tanks:

Federal [FOFT](#)

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

Government Publication Date: 1964-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: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial **FSTH**

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial **GEN**

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents:

Provincial **HINC**

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal **IAFT**

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial **INC**

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial **LIMO**

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2017

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008 - Dec 2016

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-2014

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-Jan 2017

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Apr 2017

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents:

Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Apr 2017

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: 1986-2013

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-Apr 2017

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999 - Oct 2016

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-Dec 2016

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: 1990-2014

Anderson's Storage Tanks:

Private **TANK**

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal **TCFT**

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

Government Publication Date: 1970-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial **VAR**

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial **WDS**

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

Government Publication Date: 1970-Mar 2017

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: Jun 30, 2016

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

exp Services Inc.

Mr. Mahendra Vaidya
Phase One Environmental Site Assessment
89 Richmond Road
Ottawa, Ontario
OTT-00240343-A0
June 21, 2017

Appendix E: Site Photographs





Photograph No. 1

View of site building looking north



Photograph No. 2

A view of the rear of the site building looking south



Photograph No. 3

View of the easternmost property boundary and adjacent property



Photograph No. 4

View along western property boundary and adjacent property



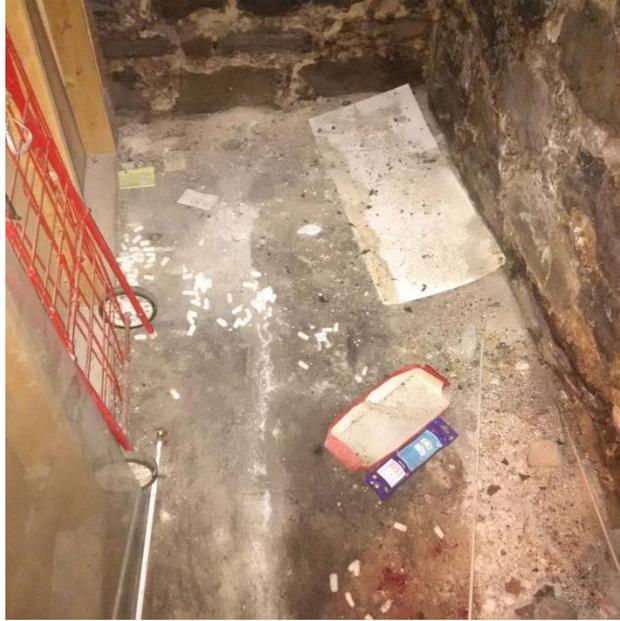
Photograph No. 5

View of previous AST fill pipe at northwestern corner of site building



Photograph No. 6

View of natural gas furnace located in the basement of the building



Photograph No. 7

View of previous location of furnace oil tank in the basement (no visible staining)



Photograph No. 8

View of previous fill/vent pipes in the basement of the building



Photograph No. 9

View of typical interior construction on the ground floor



Photograph No. 10

View of alternative entrance on east side of site building



Photograph No. 11

View of surrounding properties to the west along Richmond Road