TERRAPEX

BRIGHTPATH EARLY LEARNING & CHILDCARE

PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT

90 Maple Grove Road
Ottawa, Ontario

FINAL REPORT

OCTOBER 18, 2019

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PROJECT # CO738.00

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1.0 EXECUTIVE SUMMARY

Terrapex Environmental Ltd. (Terrapex) was retained by BrightPath Early Learning & Childcare (BrightPath) to conduct a Phase One Environmental Site Assessment (ESA) at 90 Maple Grove Road in Ottawa, Ontario (referenced as “the Phase One property” or “the Site”).

Based on the available information, the date of the first development is 1985 based on an interview with Hydro Ottawa staff. The date given of development of the building is corroborated by review of aerial photographs (1983 and 1991). The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the “Phase One study area” (refer to Section 4.1.1), in order to satisfy the Phase One ESA general objectives listed in O. Reg. 153/04, including:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA (if required).

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and Site reconnaissance completed as part of the Phase One ESA, four on-Site potential contaminating activities (PCA)s and eight off-Site PCAs relating to activities or incidents within the Phase One Study Area were identified. The following PCAs and were determined to contribute to Areas of Potential Environmental Concern (APECs) on the Phase One property, as listed below:

PCA 1 / APEC 1: The presence of fill brought to the Site during development.

PCA 3 / APEC 2: Presence of the storage yard located to the west of the Site containing wooden poles.

PCA 4 / APEC 3: the historic use of the Site for polychlorinated biphenyl (PCB) storage.

PCA 2 / APEC 4: The presence of a diesel fuel AST associated with the backup generator located at the Site.

PCA 6 / APEC 5: The possible presence of a fuel storage tank as indicated in the ERIS report. The exact location of the AST is not known however based aerial photographs it is deduced that if it was indeed onsite it would have been located in the vicinity of the onsite garage. This APEC will be refined if more information becomes available.

The locations of PCAs and APECs are shown on Figure 4 and Figure 5, respectively

2.0 INTRODUCTION

Terrapex Environmental Ltd. (Terrapex) was retained by the BrightPath Early Learning & Childcare (BrightPath) to conduct a Phase One Environmental Site Assessment (ESA) at 90 Maple Grove Road in Ottawa, Ontario (referenced as "the Phase One property" or "the Site").

We understand that the study is required for due diligence purposes in consideration of planned development of the Site.

2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the "Phase One study area" (refer to Section 4.1.1), in order to satisfy the Phase One ESA general objectives listed in O. Reg. 153/04, including:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA that may be required.

2.2 PHASE ONE PROPERTY INFORMATION

Information regarding the location and identification of the Phase One property and those authorizing this study is provided in Table 1, below. The location of the Site and the general Site layout are shown in Figures 1 and 2, respectively.

TABLE 1: SUMMARY OF PHASE ONE PROPERTY INFORMATION

Civic Address:	90 Maple Grove Road, Ottawa ON
Property Identification Number:	045090134
Legal Description:	Part of Lot 1, Concession 2, Geographic Township of March, City of Ottawa
UTM Coordinates (centre of Site):	18T 429024 5016604
Name and Address of Owner:	Hydro Ottawa
Name and Address of Authorizing Party:	Rick Gray BrightPath Early Learning Centre 110 Laurier Avenue West Calgary ON, T2C 2X5
Site Area:	11,291 m^2
Structures:	A commercial office building
Occupants (current):	Hydro Ottawa, currently vacant

2.3 PLAN OF SURVEY

Part of Lot 1, Concession 2, Geographic Township of March, City of Ottawa surveyed by Annis, O'Sullivan Vollebekk Ltd., dated Sept 19, 2019 is attached in Appendix I.

2.4 ENHANCED INVESTIGATION PROPERTY

An enhanced investigation property is defined in O. Reg. 153/04 as a property that is being used or has been used, in whole or in part, for an industrial use, or for commercial use as a garage, a bulk liquid dispensing facility (including a gasoline outlet), or for the operation of dry cleaning equipment.

Based on current and historical land-use information described herein, the Site is an enhanced investigation property.

3.0 SCOPE OF INVESTIGATION

The Phase One ESA was conducted in accordance with the current requirements of O. Reg. 153/04 and as outlined in the Terrapex proposal to BrightPath dated September 11, 2019. The main components of the Phase One ESA scope of work included:

Records Review: A review was conducted of available historic and current environmental information pertaining to the Site and surrounding properties within the Phase One study area in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04.

Interviews: An interview questionnaire was completed, with Dale Williams, the Manager of Fleet and Facilities at Hydro Ottawa (the current owner of the Site) and Angela Collier, the Director of Finance at Hydro Ottawa.

Site Reconnaissance: A visual reconnaissance of the Site and accessible properties within the Phase One study area was conducted for evidence of potential environmental concerns.

Evaluation: The information obtained from the records review, interviews, and Site reconnaissance was reviewed and evaluated by the Qualified Person (QP) for this project (refer to Section 3.1 below) in consideration of the Phase One ESA general objectives and uncertainty associated with the data sources.

Reporting: In accordance with the requirements of Schedule D of O. Reg. 153/04, this report documents the findings, conclusions, and recommendations of the Phase One ESA and includes:

- a table of the current and past uses of the Phase One property;
- a table of identified potentially contaminating activities (PCAs) and a table of associated areas of potential environmental concern (APECs);
- a Phase One Conceptual Site Model (CSM); and,
- conclusions and recommendations made based on the evaluation and interpretation of information obtained for the Phase One ESA.

3.1 QUALIFIED PERSON

The Phase One ESA was supervised by Rod Rose, Senior Project Manager in Terrapex's Ottawa Office, located at 20 Gurdwara Road, Unit 1 Ottawa, Ontario. Mr. Rose is a licensed limited Professional Geologist (P. Geo. (Limited)) in Ontario and is qualified as a QP with the Ontario Ministry of the Environment, Conservation and Parks (MECP) (formerly Ministry of Environment and Climate Change (MOECC), formerly Ministry of Environment (MOE)) for the purposes of creating and submitting records of site condition (RSCs) for filing on the Brownfields Environmental Site Registry (ESR).

3.2 LIMITATIONS

It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review and interview components.

The general limitations of the study are provided in Section 8.3. Specific limitations of this Phase One ESA are as follows:

- Terrapex was unable to open the catch basins and sanitary sewer lids located in the garage of the on-Site building.
- The Site and the building were vacant at the time of the Site inspection.
- No response from the TSSA (for 100 Maple Grove Property) or the City of Ottawa (HLUI application) has been received.
- No person who had worked at the Site for Hydro Ottawa was available to interview only representative for Hydro Ottawa were interviewed.
- Inspection of properties within the Phase One study area were limited to areas visible from the Site or from the publicly accessible vantage points.
- No information was available from Hydro Ottawa pertaining to the location of the PCB storage areas at the Site.
- No information was available regarding the operations of Annidis at the site from 2014 to 2018.

In the opinion of the QP, none of the above limitations is considered to have compromised the objectives of the Phase One ESA.

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

To determine the Phase One Study Area, Terrapex conducted a preliminary records review to identify any conditions that might warrant an expansion of the Phase One study area beyond the minimum required by O. Reg. 153/04. This review included searches/reviews of the following information:

- aerial photographs and satellite images;
- MOE waste disposal site inventory documents; and,
- the Brownfields Environmental Site Registry (ESR).

The review indicated that lands within approximately 250 m of the Site boundary have historically been used for mixed use of commercial, residential or parkland purposes since the 1980s. Prior to this the Site and surrounding areas was used for agricultural purposes. Based on the review, it was determined that the Phase One Study area did not need to be expanded beyond 250 m from the Site boundaries. As such, an irregularly-shaped Phase One study area was selected to include all properties located within 250 m from the nearest point on the boundary of the Phase One property.

The boundary of the Phase One study area is depicted in Figure 3. Documentation and interpretation of the records reviewed are provided in the sub-sections below. Note that all distances are calculated from the nearest property boundary of the Site to the nearest boundary of the feature in question and are approximate.

4.1.2 FIRST DEVELOPED USE DETERMINATION

Information obtained during the records review portion of the work program was used to determine the date of first developed use of the Site, as per the definition in O. Reg. 153/04.

Based on the available information, the date of the first development is 1985 based on an interview with Hydro Ottawa staff. The date given of development of the building is corroborated by review of aerial photographs (1983 and 1991).

4.1.3 FIRE INSURANCE PLANS

Terrapex requested a record search from Environmental Risk Information Systems Ltd. (ERIS) for the area of the Site. No fire insurance plans (FIPs) or reports were available from ERIS for the Site and surrounding properties.

4.1.4 CHAIN OF TITLE

The results of an electronic land title search was provided to Terrapex from BrightPath. The land transfer indicated that the City of Ottawa transferred the Site to Hydro Ottawa Ltd in 2004. The current landowner is listed as Hydro Ottawa Limited.

A copy of the electronic land title search is included in Appendix II

4.1.5 PROPERTY USE RECORDS

A search of Vernon's Ottawa and Area, Ontario City Directory municipal directories was conducted by ERIS for the Site and the neighbouring properties at 100, 300, 400, 1565 Maple Grove Road, 100 Charlie Rogers Place, 44 Edgewater Street, 110 McCurdy Drive, 580 and 600 Terry Fox Drive and 33 Palladium Drive. The directories searched included the years 1992, 1996/97, 2001/02, 2006/07, and 2011. The Site was listed in 1996/97 directory for 100 Maple Grove Road (previous municipal address for the Site) as belonging to Kanata Hydro. Pertinent listings of neighboring properties are as follows:

- Esso (2011/02, 2006/07 and 2011 directories) was listed as being present at 44 Edgewater Street; and,
- EMS technologies (2011 directory) was listed as being present at 400 Maple Grove Road.

All other listings were determined to be ambiguous or irrelevant to the current investigation. A copy of the city directory search results is provided in Appendix III.

4.1.6 ENVIRONMENTAL REPORTS

Terrapex was provided the following report from Hydro Ottawa.

Inspection and Investigation of PCB Storage Container #210 Hydro Ottawa, 100 Maple Grove Road, Ottawa (Kanata), Ontario prepared by Water Earth Science Associates Ltd. Dated June 23, 2003.

The report described the decommissioning of a PCB storage container located on the 100 Maple Grove Property. Reportedly the PCBs were stored in a metal shipping container with an internal containment tray for spill containment. The ground surface beneath the container was gravel surfaced. The metal shipping container (used to hold the PCBs) was removed from 100 Maple Grove Road property on June 4, 2003 and a site inspection by WESA indicated that no oil staining was present on the gravel surface immediately under it.

A five point composite sample of the gravel underneath the metal shipping container was collected for laboratory analysis of PCBs. Laboratory analysis indicated that no PCBs were detected above the laboratory detection limit in the collected soil sample of the surface material. It should be noted that the reported detection limit (2 µg/g) although below the

criteria at the time (25 µg/g) would not be below the current MECP standard of 1.1 µg/g for a commercial or industrial property or 0.35 µg/g for residential, parkland or institutional land uses. The report concluded that all PCB material and the PCB storage container had been removed from 100 Maple Grove Road property.

A subsequent follow up letter from the Ministry of Environment (MOE, former name of the MECP) dated July14, 2003, to Ottawa Hydro acknowledged the deregistration of the 100 Maple Grove Road property as a storage site.

Review of the aerial photographs (Section 4.3.1) showed no metal shipping containers were stored on the Site in 2002. The aforementioned report was limited in that it only pertains to the metal shipping container and not to historic spills to the soil or grounds in the vicinity of the PCB storage site or elsewhere on the 100 Maple Grove Road property (which the Site would have been a part of at the time).

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 MECP INVENTORIES AND THE BROWNFIELD ESR

A review of available MECP inventory documents to identify any significant industrial sites, waste disposal sites, or polychlorinated biphenyl (PCB) storage sites and RSCs filed on the Brownfields ESR within the Phase One study area was conducted by ERIS. The results of the searches are outlined below.

MOE Inventory of Coal Gasification Plant Waste Sites in Ontario: A review of information provided in the inventory document did not identify former coal gasification plant waste sites within the Phase One study area.

MOE Waste Management Branch PCB Site Inventory System – major and Minor Sites Report 1995: A review of the inventory indicated that Kanata Hydro (Site Number 40393A015) located at 100 Maple Grove Road was listed as a major storage (over one tonne of PCBs) of PCBs.

MOE Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario: A review of the inventory document did not identify industrial sites producing or using coal tar or related tars within the Phase One study area.

MOE Waste Disposal Site Inventory: A review of the inventory document did not identify any active or closed landfills within 500 m of the Site.

Brownfields Environmental Site Registry: A review of the registry identified no RSC filed for properties within the Phase One Study Area.

4.2.2 ERIS ENVIRONMENTAL DATABASES

Terrapex ordered a report from ERIS for available records associated with properties within the Phase One study area. ERIS searched government and privately-owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04, excluding the areas of natural significance maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF) and environmental reports submitted to the MECP.

The report from ERIS is provided in Appendix IV and presents information for the records found, a diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched. Listings that were linked to address of properties located outside of the Phase One Study Area or where not determined to be pertinent were not described.

The ERIS report indicated there were no records for pertaining to the Site's current address however there were several records which pertained to 100 Maple Grove (the Site's former address until 2005). 184 records identified within the Phase One Study Area (100 Maple Grove Road included). A summary of the records that were determined to be pertinent to the investigation is provided below:

Listings for the Site and/or 100 Maple Grove (the Site's former address)

Certificates of Approval (CA): Three certificate of approval records were identified for air and industrial sewage works for 100 Maple Grove Road. Review of the certificate of approval of industrial sewage works for 100 Maple Grove identified that it was for a stormwater management facility.

Environmental Compliance Approval (ECA): Three ECA records were identified for air for the Hydro Ottawa at 100 Maple Grove Road for air emissions generated by a natural gas heating system and a diesel generator and for the operation of the a stormwater management facility. The Site inspection revealed that a diesel generator was present at the Site.

Ontario Regulation 347 Waste Generators Summary (GEN): Hydro Ottawa Limited (or its various iterations) located at 100 Maple Grove Road (located adjacent, north and west of the Site) was listed as generating a variety of wastes (including inorganic laboratory chemicals, PCBs, oil skimming's and sludge's, waste oils and lubricants, and organic laboratory chemical waste, transfer station oils and wastes, light fuels and waste compressed gases) from 1989 to 2019.

Reportedly inorganic laboratory chemicals, PCB's, oil skimming and sludges, waste oils and lubricants and organic laboratory chemical waste was generated between 1989 and 2001 (prior to the construction of the Hydro Ottawa garage to the north of the Site) and therefore may have been generated at the Site.

Inventory of PCB Storage Sites (OPCB): Two records identified that PCBs were stored at the Hydro Ottawa facility located at 100 Maple Grove Drive in 1995, 1998, 2000, 2003 and 2004. Since these records predate the construction of the Hydro Ottawa garage to the north of the Site it is likely that these records pertain to the Site and/or the woks yard to the west.

Private and Retail Fuel Storage Tanks (PRT): ERIS identified that a 2000 litre (L) storage tank with an expiry date of 1993 was listed at 100 Maple Grove Drive. The contents of the storage tank or any other details were not provided. Since this record predates the construction of the Hydro Ottawa garage to the north of the Site it is likely that this record pertains to either the Site and/or the woks yard to the west.

National PCB Inventory (NPCB): Two records determined that PCBs were stored at 100 Maple Grove Drive. Reportedly askarel was stored at the property in 1996.

Waste Disposal Sites (WDS): One listing was identified at the Kanata Hydro Limited located at 100 Maple Grove Road (located adjacent, north and west of the Site) was listed as a mobile unit under the name "Safety-Kleen (ON-Site) Inc. A review of the *MOE Waste Disposal Site Inventory* (Section 4.2.1) did not identify a waste disposal facility within 500 m of the Site.

Listing for Neighboring Properties

Borehole (BORE): Three listings were identified within the Phase One Study Area. Review of borehole records indicated that stratigraphy within the Phase One Study Area consisted of bedrock from surface (0.0 m bg) to 4.3 m bg with either overlying sand and/or gravel.

Certificates of Approval (CA): Nine listings for Certificates of Approval were identified within the Phase One Study Area. The following records were determined to be pertinent:

- Two certificate of approval records were identified for air emissions at 333 Palladium Drive (located approximately 100 m to the northwest of the Site). Reportedly the emissions were listed as toluene, methyl ethyl ketone, xylene, diethylene glycol monobutyl ether, isopropyl alcohol and butanol.
- A certificate of approval was identified for industrial sewage works for at the Mr. Lube Station located 639 Terry Fox Drive (located approximately 250 m to the south of the Site).

- A certificate of approval was identified for industrial sewage works for at the Esso gas station located 44 Edgewater Street (located approximately 288 m to the south of the Site).
- A certificate of approval records was identified for air emissions for Smart Technologies located at 501 Palladium Drive (located 300 m west of the Site).

The remaining listings were either for municipal sewage works and are not considered concerns.

Environmental Activity and Sector Registry (EASR): Five listings of the Environmental Activity and Sector Registry database were identified within the Phase One Study Area. All the listings were air emissions generated by backup heating systems for either 333 Palladium or for 501 Palladium. The specific fuel of the backup heating system was not identified.

Environmental Compliance Approval (ECA): Nine listings of the Environmental Compliance Approval database were identified within the Phase One Study Area.

- Three ECA records were identified for EMS Technologies Canada Ltd located at 400 Maple Grove Road (located 167 m west of the Site) for the air emissions generated during electronic microchip manufacturing.
- An ECA record was identified for industrial sewage works for at the Mr. Lube Station located 639 Terry Fox Drive (located approximately 250 m to the south of the Site).
- Two records were identified for industrial sewage works for at the Mr. Lube Station located 639 Terry Fox Drive (located approximately 250 m to the south of the Site).
- Two ECA records were identified for at 501 Palladium Drive (located 300 m west of the Site) for the air emissions generated during electronic microchip manufacturing.

All the listings were either for municipal sewage works and/or waste management systems.

Fuel Storage Tank- Historic (FSTH): One record was identified within the Phase One Study Area in fuel Storage Tank – Historic database regarding the gasoline service station located at 44 Edgewater Street (located approximately 288 m to the southeast of the Site).

Ontario Regulation 347 Waste Generators Summary (GEN): 70 records were identified pertaining to thirteen properties within the Phase One Study Area. Details of pertinent records are summarized below:

- Curtiss Wright located at 333 Palladium Drive (located approximately 100 m to the northwest of the Site) was listed as generating a variety of different wastes from 1997 to 2019 related to “aerospace product and parts manufacturing”.

- Honeywell Limited located at 400 Maple Grove Road (located approximately 130 m to the west of the Site) was listed as generating a variety of different wastes from 2007 to 2019 related to “aerospace product and parts manufacturing”.
- Bell Sensplex located at 1565 Maple Grove Road (282 m west of the Site) was listed as generating aliphatic solvent wastes from 2007 to 2018.
- Lockheed Martin located at 501 Palladium Drive (270 m west of the Site) was listed as generating a variety of wastes from 2015 to 2019 related to “Communications Equipment Manufacturing”. Smart technologies was listed as generating a variety of wastes at the property related to “Communications Equipment Manufacturing” since 2007 to 2019 at the 501 Palladium Drive property.

National Pollutant Release Inventory (NPRI): Six records were identified within the Phase One Study Area. Review of the records determined that “Semiconductor and Other Electronic Manufacturing” was conducted 333 Palladium Drive property.

Private and Retail Fuel Storage Tanks (PRT): a record identified within the Phase One Study Area. Pertinent details are summarized below:Storage tanks were located at the Esso gas station located 44 Edgewater Street (located approximately 288 m to the south of the Site).

Retail Fuel Storage Tanks (RST): Two listings identified that retail storage tanks were present at the Mr. Lube Station located 639 Terry Fox Drive (located approximately 250 m to the south of the Site). No other details were provided.

Scott’s Manufacturing Directory (SCT): 13 records were identified pertaining to thirteen properties within the Phase One Study Area. Pertinent records are detailed below:

- Curtiss Wright located at 333 Palladium Drive (located approximately 100 m to the northwest of the Site) was listed as” Computer and Peripheral Equipment manufacturing”.
- Honeywell Limited located at 400 Maple Grove Road (located approximately 130 m to the west of the Site) was listed as listed as “audio and video equipment manufacturing” and “Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing”.
- Xilinx Inc. located at 308 Palladium Drive (located approximately 270 m to the north of the Site) was listed as listed as “Semiconductor and Other Electronic Component Manufacturing”.
- Smart Technologies located at 501 Palladium Drive (located approximately 270 m to the west of the Site) was listed as “Computer and Peripheral and Equipment Manufacturing” and “Manufacturing and Reproducing Magnetic and Optical Media”

Ontario Spills: Three spill listings were identified within the Phase One Study Area. Review of the details such as the volume, distance to the Site and the substance spill determined that none of them were considered an environmental concern for the Site.

Water Well Information System (WWIS): Three WWIS records were identified as being present within the Phase One Study Area. Please refer to Section 4.3.5 for details of the water well records.

Unplottable Records: ERIS also identified numerous partial records without coordinates or municipal addresses from various databases. These records were listed in the Certificate of Approval, Compliance and Convictions, Environmental Compliance Approval, Ontario Regulation 347 Waste Generators, Ontario Spills and Waste Disposal Sites Information System databases. As the exact locations of the listings cannot be confirmed, it is not possible to use this information to make conclusions about potential on-Site environmental contamination concerns.

4.2.3 GOVERNMENT AND REGULATORY DOCUMENTATION

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix V.

Ontario Ministry of the Environment, Conservation and Parks: On September 11, 2019, Terrapex submitted a Freedom of Information (FOI) request regarding documented environmental concerns related to the Site, including infractions, complaints, notifications, or control orders. The MECP responded that they did not possess any relevant files. A copy of the MECP response is provided in Appendix V.

Ontario Ministry of Natural Resources and Forestry: Terrapex conducted a search of the information provided on the MNRF Natural Heritage Information Centre (NHIC) website to identify any area of natural or scientific interest (ANSI), environmentally sensitive areas or areas of natural significance within the Phase One study area.

No ANSI, environmentally sensitive areas or areas of natural significance were identified within the Phase One Study Area. A copy of the MNR map is provided in Appendix V.

Technical Standards & Safety Authority: The Technical Standards and Safety Authority (TSSA) is the Provincial regulatory agency responsible for overseeing fuels storage in Ontario and maintaining a database of all registered fuel storage tanks in Ontario. It should be noted that the TSSA did not register private fuel USTs/ASTs prior to

January 1990 or furnace oil tanks prior to May 1, 2002. Additionally, the TSSA does not register waste oil tanks in apartments, office buildings, residences etc.

On September 11, 2019, Terrapex submitted an application for any information pertaining to the Site (90 Maple Grove Road) regarding fuel storage tanks. The TSSA responded that they did not possess any of the requested documents.

Since Site interviews revealed that the Site used to be part of the municipal address of 100 Maple Grove property it was decided to submit an additional application for that property. As of the date of the report a response from the TSSA has not been received regarding this application. If any information from the response from the TSSA changes the conclusions of the report then BrightPath will be notified.

A copy of the initial TSSA response is provided in Appendix V.

City of Ottawa: Review of the geoOttawa website determined that that the Site was zoned as IL5 H(22) – Light Industrial Zone subzone 5 Palladium Drive.

City of Ottawa Historic Land Use Inventory: In 1999, the former Regional Municipality of Ottawa-Carleton commissioned the preparation of a Historic Land Use Inventory (HLUI). The purpose of the HLUI was to collect information on the type and location of all land uses within the boundaries of the former Regional Municipality of Ottawa-Carleton (now the City of Ottawa) which had or have the potential to cause contamination in soil, groundwater or surface water.

On September 27, 2019, Terrapex submitted an HLUI application to the City of Ottawa for any information pertaining to the Site. Any information that updates the conclusions of this report will be communicated to BrightPath and the report will be updated.

Mississippi Valley Conservation Authority (MVCA): Terrapex reviewed the online mapping application provided by the MVCA. Review of the mapping application indicated that the entirety of the Site is not within the regulated area.

4.2.4 CLIENT FILE INFORMATION

Hydro Ottawa (the owner of the Site) provided three figures detailing the pumping station, and the water infrastructure. Review of the figures indicated that an oil/water interceptor is present in the garage of the onsite building. An environmental report was also provided (reviewed in Section 4.1.6.) from Hydro Ottawa.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

Aerial photographs dated 1976, 1991, 2002, 2005 and 2017 obtained from the geoOttawa online mapping application and along with an aerial photograph from 1983 obtained from ERIS were reviewed in order to identify changes to topographic features and document any changes to the Site and surrounding properties. The relevant features and development of the Site and neighbouring properties are summarized in Table 2 below with copies of the aerial photographs and satellite images included in Appendix VI. To view some of the features discussed below the geoOttawa online mapping application was used to provide a close up view. For purpose of aerial photographs interpretation Maple Grove Road has been interpreted to lay west to east.

TABLE 2: SUMMARY OF AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

Year	Aerial Photograph and Satellite Image Summary
1976	• The Site and surrounding areas appear to be used for agricultural purposes. No structures are visible on the Site or any of the adjacent properties. • Maple Grove Road is located to the south of the Site. The Carp River is visible 500 m to the southwest of the Site.
1983	• The Site and surrounding area remain generally unchanged from the 1976 aerial photograph.
1991	• The Site is appears to be developed with the commercial building (current layout). A driveway provides access to the Site from Maple Grove Road. The fenced storage yard is visible to the east of the Site and is accessible from a gate between the Site and the works yard. • Terry Fox Road is visible adjacent to the eastern border of the Site. Further east a residential suburb is visible. • Commercial development is visible to the north of the Site along Palladium Drive. • A barn building is visible 200m to the west of the Site. A golf driving range is visible 300 m to the west of the Site. • A park (Walter Baker Park) located to the south of the Site is visible. Excavation of soil is visible in the park. A building and three baseball diamonds and a field are visible in the park.
2002	• The Site remains unchanged from the 1991 aerial photograph. • Additional commercial development is visible to the north of the Site along Palladium Drive. Silver Seven Road is visible to the west of the Site. • A gas station (44 Edgewater Street) is visible 250 m to the south of the Site.
2005	• The Site and surrounding area remains unchanged from the 2002 aerial photographs with the exception that a garage building (100 Maple Grove Drive – Hydro Ottawa Operations Centre) is visible to the north and east of the Site.
2017	• The Site remains unchanged from the 2005 aerial photograph. • Additional commercial development has taken place to the east and north of the Site.

4.3.2 TOPOGRAPHY, HYDROLOGY, GEOLOGY

Topographic Mapping: A Review of Ontario Base Map (OBM) indicates the Site at an approximate elevation of 100 above mean sea level (asml). The regional topography at the Site slopes west towards the Carp River, situated west of the Site.

A copy of the Topographic map is provided in Appendix VII.

Geologic Mapping: Based on the 2007 Ontario Geological Survey (OGS) map *Physiography of Southern Ontario*, the Site is located in a physiographic region known as Limestone plains.

Based on the OGS map *Surficial Geology of Southern Ontario*, the Site is located in a mixed area with fine-textured glaciomarine deposits characterized predominantly by silt and clay minor sand and gravel, massive to well laminated in the western portion of the Site and coarse-textured galciomarine deposits characterized predominantly by sand, gravlel and minor amounts of silt and clay in the eastern portion of the Site.

Based on the OGS map *2556 (Bedrock Geology of Ontario)*, the Site is underlain by the Ottawa Group; Simcoe Group; and Shadow Lake Formation which consists primarily of limestone, dolostone shale, arkose and sandstone.

Inferred Groundwater Flow Direction: Based on topography, the inferred direction of local groundwater flow is to the west, towards the Carp River located approximately 500 m from the Site. Regional groundwater flow is expected to be to the west towards the Carp River.

4.3.3 FILL MATERIALS

The records review did not identify any potential fill locations at the Site. However it is likely that fill would have been brought during the development of the Site in 1985.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

Water Bodies: The nearest water body is the Carp River (located 500 m to the west) which flows northwest until ultimately discharging into the Ottawa River (the confluence of the rivers located approximately 32 km to the north west of the Site).

Areas of Natural Significance: Based on all the information sources consulted (see Section 4.2.3), no ANSI are present at the Site or within the Phase One Study Area.

4.3.5 WELL RECORDS

Water Wells: The Water Well Information System (WWIS) was searched by ERIS and four water well records were identified within the study area. The well records included the following:

- A monitoring well was drilled in 35 m south of the Site in 2016. Its status is listed as abandoned.
- Two well records detailed the existence a domestic water supply wells (drilled between 1961 and 1966) located within the Phase One Study Area (east of the Site). The domestic water wells were both screened in bedrock which was encountered at 1.8 and 4.3 m bg.
- One well record was for observation wells located at the Esso gas station located at 44 Edgewater Street (located approximately 288 m to the south of the Site).

It should be noted that many wells in the province have been decommissioned or abandoned without appropriate reporting to the MECP; in addition to issues regarding the accuracy of well locations, some MECP database listings pertain to wells that are possibly no longer in use or in existence. A review of the water infrastructure on the geoOttawa mapping application suggested that municipal water and sewer are now present in the approximate areas of the domestic supply wells.

4.4 SITE OPERATING RECORDS

The Site was formerly used as offices and a garage, for Hydro Ottawa and its predecessors and is considered an enhanced investigation property as per O.Reg153/04. Since Hydro Ottawa ceased operation at the Site in 2000, the site has reportedly been leased to Ottawa Telecom (2000-2008), Atria Networks (2008-2014) and Annidis Corporation (2014 to 2018). Site operating records were requested from Hydro Ottawa. The only Site operating records available were a report and associated correspondence related to the removal of PCBs formerly stored at the Site, and related soil testing, and Site plans showing utilities on the property and confirming the presence of an oil/water separator.

5.0 INTERVIEWS

Interviews were conducted through email between Terrapex and Mr. Dale Williams, the Manager of Fleet and facilities at Hydro Ottawa. The following information was provided by Mr. Williams.

- No automotive work was completed in the onsite garage. The building was reportedly used for line operations office and a facility for bucket trucks.
- The building was reportedly constructed in 1985.
- There was no generator or associated AST installed at the Site prior to the current setup.
- The Site was severed from the 100 Maple Grove property in 2005.
- Chemicals stored on the Site consisted of small quantities of penetrants, alcohol cleaners and parking paints.
- No automotive work is completed at the garage located on the 100 Maple Grove Road property. Reportedly no ASTs or USTs are located on the 100 Maple Grove property (note the Site inspection did identify a generator with an associated AST located on the property).

A follow up email with Angela Collier, the Director of Finance at Hydro Ottawa indicated the following:

- An oil/water separator is present in the garage of the onsite building.
- A report was provided discussing the de-registration of 100 Maple Grove as a PCB storage site (reviewed in Section 4.1.6). No other environmental reports were provided.
- No spills of spills were recorded at the Site.

Interviews with Hydro Ottawa indicated that Site was leased to Ottawa Telecom (2000-2008), Atria Networks (2008-2014) and Annidis Corporation (2014 to 2018). Site interviews with Hydro Ottawa indicated that Annidis Corporation was in the business of manufacturing of medical imaging equipment however no waste generator listings were attributable to them in the ERIS Report (Section 4.2.2.), nor were they listed as a manufacture in the Scott's Manufacturing Database. No one from Annidis Corporation was identified for an interview.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The Site reconnaissance was conducted to identify, describe, and document the following items at the Site, in accordance with Schedule D of O. Reg. 153/04:

- the presence and condition of any structures, including buildings, below-ground structures, ASTs, and USTs, as well as potable and non-potable water sources;
- the type and approximate locations of any utilities and services;
- the interiors of any buildings, specifically noting exit and entry points, heating/cooling systems, drains, pits, sumps, unidentified substances, and stains/corrosion on floors;
- the presence and types of sewage works, ground cover, and any current or former railway lines or spurs; and,
- the nature and extent of any areas of stained soil or pavement, stained or stressed vegetation, fill and debris materials, PCAs, and unidentified substances.

The Site reconnaissance also included a cursory inspection of the surrounding properties within the Phase One Study Area to identify, describe, and document any PCAs, water bodies, and areas of natural significance, as defined in O. Reg. 153/04. Observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points.

Details on the Site reconnaissance are provided in Table 3.

TABLE 3 SITE RECONNAISSANCE PARTICULARS

Date, Time of Investigation	Weather Conditions	Tour Guide	Occupant/Use of Site During the Investigation	Names and Qualifications of Persons Conducting the Investigation
September 19, 2019 Between 1:00 and 2:45 am	Partly Cloudy 20 ºC	None	Vacant / Hydro of Ottawa building	Mr. Greg Sabourin, PEng

The Site location is shown on Figure 1 and the Site layout is shown on Figure 2. Selected photographs of the Site and Phase One Study Area are provided in Appendix VIII.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 SITE DESCRIPTION

General Site Features: The Site is irregular in shape and occupies an approximate footprint of 11,291 m^2. The Site is situated in the northwestern intersection of Maple Grove

Road and Terry Fox Road. A Hydro Ottawa garage and storage yard is located to the north and west of the Site.

The Site is developed with an irregularly shaped single-storey commercial building. Parking lots are located to the south and west of the building. The footprint of the building is approximately 1,700 m^2. An asphalt parking lot is located to the north, west and south of the on-Site building. The southern portion of the asphalt parking lot is shared with the neighboring 100 Maple Grove Road property located to the west and north of the Site. The remainder of the Site is grass covered with trees.

Rights-of-Way: No right-of-ways were identified during the Site inspection.

Access and Roadways: The Site accessible from Maple Grove Road or from the parking lot from the 100 Maple Grove property. The remainder of the Site is grass covered with trees.

Debris and Fill Material: No debris or fill material were observed during the Site inspection. It is likely that fill was brought in during Site development in 1980s.

6.2.2 BUILDING DESCRIPTION

The building at the Site is irregular in shape and encompasses a footprint of approximately 1,700 m^2. Site interviews have determined that the building was initially constructed in 1986. The building is a single storey slab on grade construction outfitted with metal and brick siding. The roof is a flat gravel roof. At the time of the inspection the inspection the building was vacated which included the removal of all furniture and equipment with the exception of several wooden cable spools located in the garage of the building. The electricity, and plumbing were working at the time of the inspection. The southern portion of the building appeared to be used as office space.

A truck garage located in the northern portion of the on-Site building which is outfitted with three garage doors located on each side (the eastern and western) of the building. Catch basins were located throughout the garage including two manholes which could not be opened at the time of the Site visit.

6.2.3 SITE INFRASTRUCTURE

Heating and Cooling Systems: The on-Site building was heated using electric baseboard and ceiling mounted heaters. Air-conditioning was provided by roof mounted and split air conditioner units located throughout the Site.

Water Supplies: Water is supplied to the Site by the City of Ottawa via underground municipal infrastructure.

Electrical Services: The building were serviced with electricity. An pad-mounted electric transformer was located to the west of the onsite building.

Wastewater and Sewage Disposal: The building is connected to the City of Ottawa's municipal sanitary sewer.

Stormwater Management: Catch basins were observed throughout the Site's parking lot.

Drains, Pits or Sumps: Catch basins and manholes were located in the garage located in the northern portion of the on-Site building. The catch basins and the manholes could not be opened during the Site visit.

Underground Utility and Service Corridors: No evidence of any underground utility or service corridors were identified during the Site inspection.

6.2.4 MATERIALS HANDLING AND STORAGE

Fuel Storage Tanks: A diesel generator with an associated AST with a capacity of 680 L for the storage of diesel fuel associated with a back-up generator was located in the southern portion of the building. No staining or hydrocarbon sheen was present on the concrete pad. A picture of the diesel AST is provided in Appendix VIII (Photograph 5).

Storage Containers: With the exception of some paint cans stored in one of the offices no storage containers were present throughout the Site.

Hazardous Materials: No hazardous materials were observed to be stored on Site, however the Site was vacated at the time of the Site inspection so it is not known what was stored there during its operation by Hydro Ottawa or by others.

Waste Management: Two waste bins were located in the western parking lot of the Site.

Unidentified Substances: No unidentified substances were observed during the Site reconnaissance.

Residues and Staining: No residues or staining were observed.

Stressed Vegetation: No stressed vegetation was encountered during the Site inspection.

Odours: No unusual or noxious odours were noted during the Site inspection.

6.2.5 POTENTIALLY CONTAMINATING ACTIVITY

Based on the findings of the Site reconnaissance, PCAs set out in Column A of Table 2 in Schedule D of O. Reg. 153/04 were the presence of the AST for the generator. Other PCAs were identified during the completion of the records review.

The work yard and the back up generator with an associated diesel fuel tank were identified as PCAs within the Phase One Study Area during the Site reconnaissance however the records review did. Refer to section 7.2 for discussion of these PCAs.

6.2.6 REGULATED MATERIALS AND DESIGNATED SUBSTANCES

Asbestos: Based on the age of the current building, the likelihood of asbestos containing material at the Site is possible. No asbestos was observed, but based on the age of the building the presence of asbestos is possible.

Lead: Based on the age of the current building, the presence of lead-containing paint of at the Site is possible.

Mercury**:** Based on the age of the building, the presence of mercury-containing paint or materials of at the Site is possible.

Polychlorinated Biphenyls: Due to the age of the building, there is a possibility of polychlorinated biphenyls (PCBs) being present at the Site. The records review identified that 100 Maple Grove was historically registered for the storage of PCBs.

Ozone Depleting Substances: Potentially ozone-depleting substances (ODSs), such as air conditioners and freezers, were observed at the Site.

Mould**:** No mould was observed during the Site inspection.

Other Designated Substances: No other substances designated under the Ontario Occupational Health and Safety Act were identified during the Site visit.

6.2.7 ADJACENT PROPERTIES

A visual reconnaissance of the adjacent properties and properties within the Phase One Study Area was conducted from publicly accessible areas to identify the occupants and document the uses and PCAs that may impact the Site. Uses and occupants of the properties located immediately adjacent to the Site at the time of the inspection are listed below.

North: Commercial properties, Palladium Drive and commercial properties beyond.

East: Hydro Ottawa storage yard, Commercial development and Silver Seven Road beyond.

South: Maple Grove Road and Walter Baker Park beyond.

Southwest: Terry Fox Road, residential properties and Esso gas station and automotive garage (44 Edgewater Street).

West: Terry Fox Road and residential properties beyond.

The surrounding properties are shown in Figure 3.

6.2.8 ENHANCED INVESTIGATION PROPERTY

The Site is considered to be an enhanced investigation property in accordance with O.Reg. 153/04. Requests for operational records were made to Hydro Ottawa however none were received at the time of the writing of this report.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The Site reconnaissance was conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One study area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the Site reconnaissance are provided above in Section 6.2.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

A summary description of the current and past uses of the Site from its first developed use is provided in Table 4 below.

TABLE 4: CURRENT AND PAST USES OF THE

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Prior to 1985	Unknown	Agricultural	Unknown / Residential	*The Site is undeveloped and is used for agricultural based on aerial photographs*
1985 – 2000	Kanata Hydro	Used for Line Operations for Kanata Hydro	Commercial	*The Site is developed with the current onsite building. The Site's municipal address is 100 Maple Grove Road.*
2000 – 2008	Hydro Ottawa (leased to Ottawa Telecom)	Used by Ottawa Telecom	Commercial	*The Site is developed with the current onsite building. The Site's municipal address is 100 Maple Grove Road.*
2008 – 2014	Hydro Ottawa (leased to Atria Networks)	Used by Atria Networks	Commercial Space	*The Site is severed from 100 Maple Grove Road property. The garage to the north is developed. The property is leased to Atria.*
2014 – 2018	Hydro Ottawa (leased to Annidis Corporation	Used by Annidis Corporation	Commercial Space	*The Site was leased to Annidis Corporation.*
2018-2019	Hydro Ottawa	Vacant	Unused commercial space	*Site inspection that the Site was empty and used to store wooden cable spools in the*

7.2 POTENTIALLY CONTAMINATING ACTIVITY

A PCA as defined in O. Reg. 153/04 is a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the Phase One study area. Other activities not specifically listed in Table 2 of Schedule D, may also be considered as a PCA based on the judgement/discretion of the qualified person (QP). The PCAs which are occurring or have previously occurred on properties within the Phase One Study Area, including the Site, are listed below and are shown on Figure 4.

TABLE 5: POTENTIALLY CONTAMINATING ACTIVITIES WITHIN THE PHASE ONE STUDY AREA

PCA	ADDRESS	POTENTIAL ENVIRONMENTAL CONCERN	DATA SOURCE	POTENTIALLY CONTAMINATING ACTIVITY (as set out in Column A of Table 2 in Schedule D of O. Reg. 153/04)	UNCERTAINTY	LIKELIHOOD TO AFFECT THE SITE
PCA 1	90 Maple Grove Road (The Site)	- The presence of fill brought to the Site during development.	- Aerial Photographs	- 30 – Importation of Fill Material of Unknown Quality	- High	- Possible
PCA 2	90 Maple Grove Road (The Site)	- The presence of a diesel fuel AST associated with the backup generator located at the Site.	- Site Reconnaissance	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- Low. Presence is confirmed	- Possible
PCA 3	100 Maple Grove Road (Adjacent to the Site, north and west)	- Presence of the storage yard located to the west of the Site containing wooden poles.	- Aerial Photographs	- 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	- Low. Presence is confirmed.	- Possible due to being either on the Site or adjacent.
PCA 4	90 Maple Grove Road (The Site's former addresses was 100 Maple Grove prior to 2005)	- ERIS identified 100 Maple Grove as a PCB storage yard. Soil testing was limited and detection limits inadequate to current soil standards.	- ERIS	- 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	- High, the location of the PCB storage is not confirmed, but is understood to have been in a shipping container in the yard area of 100 Maple Grove (off-site)	- Possible if the PCB being located on the Site.
PCA 5	100 Maple Grove Road (Adjacent to the Site, north and west)	- Presence of a diesel AST associated with a backup generator located in the eastern portion of the property.	- ERIS - Site Reconnaissance	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- Low	- Unlikely, due to limited volume and horizontal distance from the Site and apparently situated down-gradient of the Site.

PCA	ADDRESS	POTENTIAL ENVIRONMENTAL CONCERN	DATA SOURCE	POTENTIALLY CONTAMINATING ACTIVITY (as set out in Column A of Table 2 in Schedule D of O. Reg. 153/04)	UNCERTAINTY	LIKELIHOOD TO AFFECT THE SITE
PCA 6	90 Maple Grove Road The Site's former addresses was 100 Maple Grove prior to 2005)	- Presence of a 2000 L fuel storage tank as identified in the ERIS report registered to Kanata Hydro at 100 maple grove Road	- ERIS	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- High, location, type, and construction unknown	- Possible, however exact location of AST unknown and no corroborating information is available.
PCA 7	501 Palladium Drive (Approximately 300 m west of the Site).	- Manufacturing of microchips and computer equipment at Lockheed Martin (2019 -2015) and Smart Technologies (2015 -2007).	- ERIS Report - Aerial Photographs	- 19 – Electronic and Computer Equipment Manufacturing	- Existence confirmed by multiple listings and records in the ERIS report	- Unlikely due to the length of operation (since 2007) and the property is situated in a down gradient position relative to the Site.
PCA 8	400 Maple Grove Road (approximately 130 m to the west of the Site)	- Manufacturing of microchips and computer equipment at Honeywell Ltd from 2007 to present.	- ERIS Report - Aerial Photographs	- 19 – Electronic and Computer Equipment Manufacturing	- Existence confirmed by multiple listings and records in the ERIS report	- Unlikely due to the length of operation (since 1997) and the property is situated in a down gradient position relative to the Site.
PCA 9	333 Palladium Drive (Approximately 100 m northwest of the Site)	- Manufacturing of microchips and computer equipment at Curtiss Wright since at least 1997 (formerly known as DY 4 Systems).	- ERIS Report - Aerial Photographs	- 19 – Electronic and Computer Equipment Manufacturing	- Existence confirmed by multiple listings and records in the ERIS report	- Unlikely due to the length of operation (since 1990s) and the property is situated in a cross gradient and slightly down gradient position relative to the Site.
PCA 10	308 Palladium Drive (located approximately 270 m to the north of the Site)	- Manufacturing of microchips and computer equipment at Xilinc Inc. for a unknown amount of time	- ERIS Report	- 19 – Electronic and Computer Equipment Manufacturing	- High, only one record detailed the existence of manufacturing. No listings of the CA or ECA database for air emissions were identified.	- Unlikely due to the length of operation (since 1990s) and the property is situated in a cross gradient and slightly down gradient position relative to the Site.

PCA	ADDRESS	POTENTIAL ENVIRONMENTAL CONCERN	DATA SOURCE	POTENTIALLY CONTAMINATING ACTIVITY (as set out in Column A of Table 2 in Schedule D of O. Reg. 153/04)	UNCERTAINTY	LIKELIHOOD TO AFFECT THE SITE
PCA 11	44 Edgewater Street (Approximately 250 m southwest of the Site)	- Presence of the gasoline fuel station since 2002 until present	- Aerial Photographs - HLUI	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- Existence confirmed by multiple listings and records in the ERIS report	- Unlikely due to the large horizontal distance and the property is situated cross gradient position relative to the Site
PCA 12	638 Terry Fox Drive (Approximately 250 m southwest of the Site)	- Presence of Mr. Lube automotive garage since 2007 until present	- ERIS - Site Reconnaissance - Aerial Photographs	- 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	- Existence confirmed by multiple listings and records in the ERIS report	- Unlikely due to the large horizontal distance and the property is situated cross gradient relative to the Site

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

An APEC, as defined in O. Reg. 153/04, is the area on, in, or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One ESA, including through (a) identification of past or present uses on, in or under the Phase One property and (b) identification of potentially contaminating activity. APECs are summarized below, and shown on Figure 5.

TABLE 6: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

APEC	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY (as set out in Column A of Table 2 in Schedule D of O. Reg. 153/04)	LOCATION OF PCA (On-Site or Off-Site)	CONTAMINANTS OF POTENTIAL CONCERN	MEDIA POTENTIALLY IMPACTED (Groundwater, Soil, and/or Sediment)
APEC 1	- Encompassing the entirety of the Site	- 30 - Importation of Fill Material of Unknown Quality	- PCA 1 - (On-site)	- PHCs - BTEX - Metals - Hydride-forming metals - Cr (VI) & Hg	- Soil
APEC 2	- Encompassing the western portion of the Site along the Hydro Ottawa work yard	- 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	- PCA 3 - (off-Site)	- Metals - Hydride-forming metals - PAHs - Cr (VI) & Hg	- Soil - Groundwater
APEC 3	- Encompassing beside the garage and western portion of the Site.	- 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	- PCA 4 - (On-Site or Off-site)	- PCBs	- Soil - Groundwater
APEC 4	- Encompassing the area adjacent to the fuel AST for the backup generator	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- PCA 2 - (On-Site)	- PHCs - BTEX	- Soil - Groundwater
APEC 5	- Due to the lack of information regarding the location of the fuel storage tank, the APEC encompasses the entire Site	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- PCA 6 (exact location unknown) - (On-Site or Off-Site)	- PHCs - BTEX	- Soil - Groundwater

BTEX: benzene, toluene, ethylbenzene, xylenes
PHCs: petroleum hydrocarbons (F1-F4)
VOCs: volatile organic compounds
PAHs: polycyclic aromatic hydrocarbons
Hg: mercury
B (hws): boron, hot water soluble
Cr (VI): chromium (hexavalent)
CN-: cyanide
As: arsenic
Sb: antimony
Se: selenium
Na: sodium
Cl: chloride
EC: electrical conductivity
SAR: sodium adsorption ratio
PCBs: polychlorinated biphenyls

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase One ESA Conceptual Site Model (CSM) showing the PCAs is presented on Figure 4. A summary of the CSM is provided below. Refer to Sections 7.2 and 7.3 for detailed tables of APECs and PCAs identified on the Site and/or adjacent properties.

Site Features

The Site is irregular in shape and occupies an approximate foot print of 11,291 m^2. The Site is situated in the northwestern intersection of Maple Grove Road and Terry Fox Road. A Hydro Ottawa garage and storage yard is located to the north and west of the Site.

The Site is developed with an irregularly shaped single-storey building reportedly constructed in 1986. Parking lots are located to the south and west of the building. The foot print of the building is approximately 1,700 m^2. An asphalt parking lot is located to the north, west and south of the on-Site building. The southern portion of the asphalt parking lot is shared with the neighboring 100 Maple grove property located to the west and north of the Site. The remainder of the Site is grass covered with trees.

The building is a single-storey slab on grade construction outfitted with metal and brick siding, with a flat gravel roof. At the time of the inspection the inspection the building was vacated which included the removal of all furniture and equipment with the exception of several wooden cable spools located in the garage of the building. The electricity, and plumbing were working at the time of the inspection. The southern portion of the building appeared to be used as office space.

A truck garage located in the northern portion of the on-Site building which is outfitted with three garage doors located on each side (the eastern and western) of the building. Catch basins were located throughout the garage including two manhole which couldn't not be opened during the Site inspection.

Geology/Hydrogeology

The Site is located in a mixed area with fine-textured glaciomarine deposits characterized predominantly by silt and clay minor sand and gravel, massive to well laminated in the western portion of the Site and coarse-textured galciomarine deposits characterized predominantly by sand, gravlel and minor amounts of silt and clay in the eastern portion of the Site. The Site is underlain by the Ottawa Group; Simcoe Group; and Shadow Lake Formation which consists primarily of limestone, dolostone shale, arkose and sandstone.

Based on topography, the inferred direction of local groundwater flow is to the west, towards the Carp River located approximately 500 m from the Site. Regional groundwater flow is expected to be to the west towards the Carp River.

Potentially Contaminating Activities/ Areas of Potential Environmental Concern

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and Site reconnaissance completed as part of the Phase One ESA study, four on-Site PCAs and eight off-Site PCAs relating to activities or incidents within the Phase One Study Area were identified. The four on-Site PCAs and one off-Site PCA were determined to contribute to Areas of Potential Environmental Concern (APECs) on the Phase One property, as listed below:

PCA 1 / APEC 1: The presence of fill brought to the Site during development.

PCA 3 / APEC 2: Presence of the storage yard located to the west of the Site containing wooden poles.

PCA 4 / APEC 3: the historic use of the Site for PCB storage.

PCA 2 / APEC 4: The presence of a diesel fuel AST associated with the backup generator located at the Site.

PCA 6 / APEC 5: The possible presence of a fuel storage tank as indicated in the ERIS report. The exact location of the AST is not known however based aerial photographs it is deduced that if it was indeed onsite it would have been located in the vicinity of the onsite garage. This APEC will be refined if more information becomes available.

The locations of PCAs and APECs are shown on Figure 4 and Figure 5, respectively.

Contaminants of Potential Concern

The contaminants of potential concern (COPCs) associated with the PCAs listed include (including BTEX), PHCs, PAHs, Metals, Hydride-forming metals and ORPs.

Migration Pathways

In general, potential preferential migration pathways for sub-surface contaminants at a Site comprise buried utilities, naturally occurring sand seams, or other subsurface areas of increased permeability. Therefore, sand seams and old service lines within the Site (if any) could act as potential migration pathways.

Uncertainty

The main uncertainties in the CSM are the following:

a) The lack of information regarding the subsurface utilities.

b) The unknown location of the tank previously registered to Kanata Hydro at 100 Maple Grove as documented in the ERIS report.

c) The lack of information on the quality of the fill brought in during the development.

d) The lack of availability of Site operating records for the former hydro operation at the Site including PCB storage at the Site.

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED

Based on the findings and results of this Phase One ESA, APECs have been identified at the Site. Therefore, a Phase Two ESA is required in order to file a RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.

8.2 RSC BASED ON PHASE ONE ESA ALONE

A Record of Site Condition cannot be filed for the Phase One property based solely on this Phase One ESA.

8.3 SIGNATURES

The environmental assessment described herein was conducted in accordance with the terms of reference for this project, as agreed upon by BrightPath and Terrapex Environmental Ltd.

The Phase One Environmental Site Assessment of the Site located at 90 Maple Grove Road, Ottawa, Ontario, which included the review, evaluation, and interpretation of the information obtained from the records review, interviews, and Site reconnaissance has been conducted in accordance with Ontario Regulation 153/04 (*Records of Site Condition – Part XV.1 of the Environmental Protection Act*), made under the *Environmental Protection Act*, by or under the supervision of a Qualified Person. The qualifications of the assessors are included in Appendix IX.

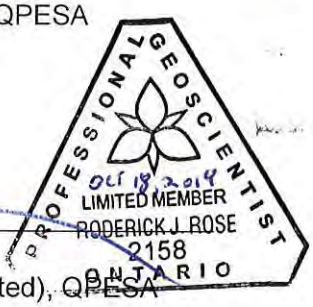
During this work program, Terrapex Environmental Ltd. has relied in good faith on information provided by others, as noted in this report, and has assumed the information provided to our firm is factual and accurate. Terrapex Environmental Ltd. accepts no responsibility for any deficiency, misstatement, or inaccuracy in this report resulting from the information provided by others. Further, Terrapex Environmental Ltd. shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase One environmental Site assessment was conducted.

Terrapex Environmental Ltd. has exercised due care, diligence, and judgement in the performance of this Phase One Environmental Site Assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the Site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the Phase One Environmental Site Assessment, and subsequent investigations of differing scope may reveal conflicting results.

This report has been prepared for the sole use of BrightPath. Terrapex Environmental Ltd. accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than BrightPath.

Respectfully Submitted,
Terrapex Environmental Ltd.

Greg Sabourin, P.Eng. QPESA
Project Manager



Rod Rose, P.Geo. (Limited), QPESA
Senior Project Manager and Branch Manager

9.0 REFERENCES

Regulations and Guidelines

Ontario Regulation 153/04, *Records of Site Condition – Part XV.1 of the Environmental Protection Act*

Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011

Site Plans:

Part of Lot 1, Concession 2, Geographic Township of March, City of Ottawa surveyed by Annis, O'Sullivan Vollebekk Ltd., dated Sept 19, 2019

Environmental Source Information:

Ontario Ministry of the Environment (MOE) inventory documents:

- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II (April 1987), prepared for MOE by Intera Technologies Ltd. (Intera)
- *MOE Waste Management Branch PCB Site Inventory System – major and Minor Sites Report 1995 (* https://archive.org/details/ONTARIOINVENTORY00SNSN08203.ome/page/n203)
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume I (November 1988), prepared for MOE by Intera
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II (November 1988), prepared for MOE by Intera
- Waste Disposal Site Inventory (June 1991)
- MECP *Brownfields Environmental Site Registry (ESR)* website (http://www.environet.ene.gov.on.ca/besr-public/generalSearch.do?action=searchOldRsc&)

Federal government, provincial government, and private source database records available through ERIS for locations within the Phase One study area.

Regulatory file information and documentation regarding environmental concerns related to the site, and/or information pertaining to water bodies and areas of natural significance within the Phase One study area, available from:

- Ontario Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario website
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division
- MECP Freedom of Information office
- City of Ottawa Official Plan

Physical Setting Sources

Aerial photographs for the year 1983 from the National Air Photo Library provided by ERIS

Aerial photographs for the years 1976, 1991, 2002, 2005, and 2017 from geoOttawa

Ontario Geological Society 1:250 000 scale map entitled *Bedrock Geology of Ontario* (2011)

Chapman and Putnam. Ontario Geological Survey 1:22 000 map entitled *The Physiography of Southern Ontario* (2007)

Ontario Geological Society 1:22 000 scale map entitled *Surficial Geology of Ontario* (2010)

Ontario Ministry of Natural Resources 1:22,000 Ontario Base Map (2010)

Ontario Ministry of Natural Resources 1:50,000 *Toporama* topographic map (updated, 2013)

Well record information available from ERIS and the Water Well Information System database

Environmental Reports:

Inspection and Investigation of PCB Storage Container #210 Hydro Ottawa, 100 Maple Grove Road, Ottawa (Kanata), Ontario prepared by Water and Earth Associates Ltd. Dated June 23, 2003.

Ministry of Environment*, Re: 100 Maple Grove Road, Ottawa, PCB Storage Site #40288A235 – De-registration,* letter to Hydro Ottawa dated *July 14, 2003*

Interviews

Through email with Dale Williams, the Manager of Fleet and Facilities for Hydro Ottawa and Angela Collier, the Director of Finance for Hydro Ottawa.

FIGURES

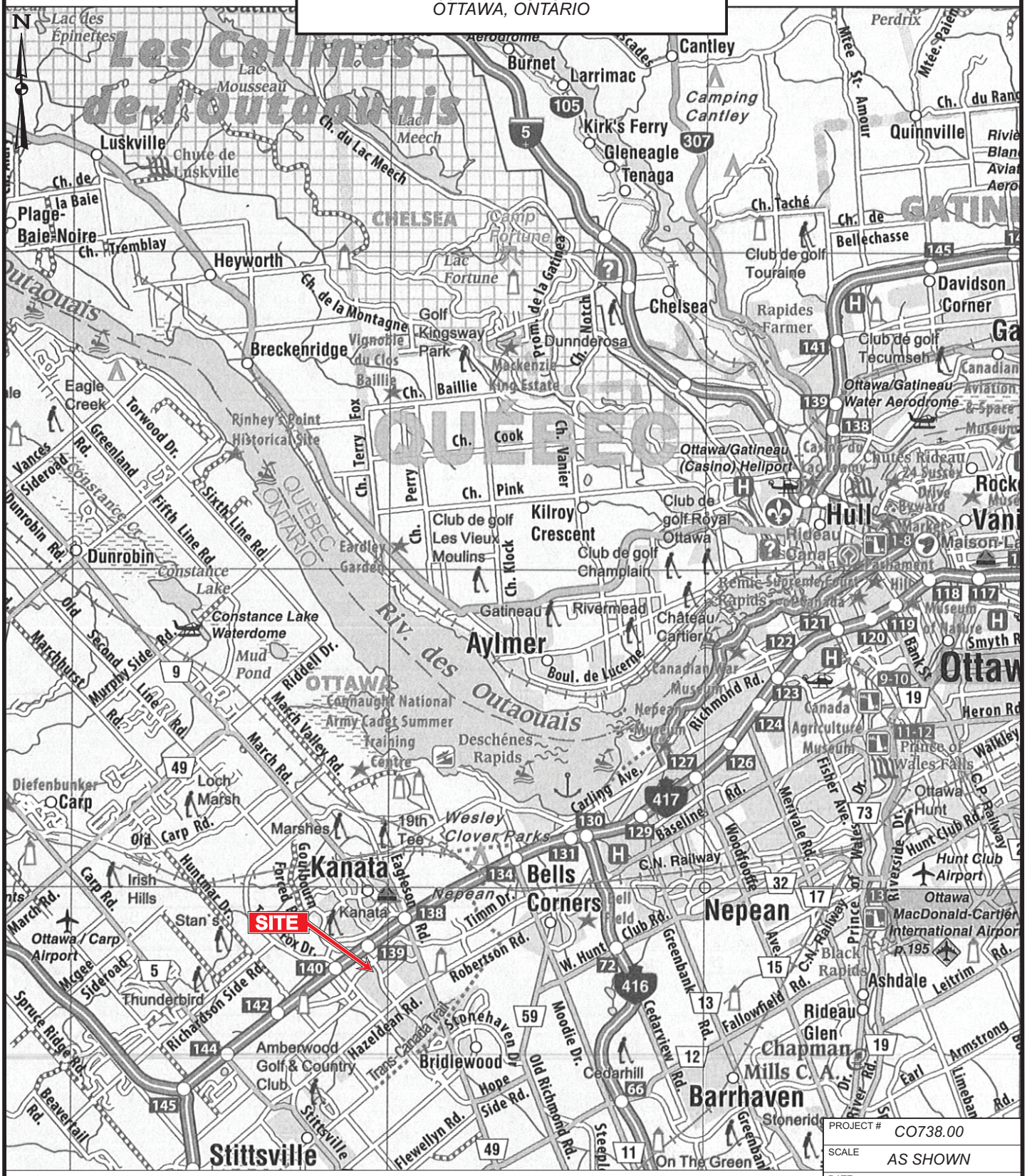
TERRAPEX

SITE LOCATION

90 MAPLE GROVE
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE



0 4km 8km

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	
DRAWING #	FIGURE 1

SOURCE: CCCMAPS, ONTARIO BACK ROAD ATLAS, 2016 EDITION, PAGE 88.

TERRAPEX

GENERAL SITE LAYOUT

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 25m 50m

SOURCE: VUMAP FIRST BASE SOLUTIONS, 2017 IMAGERY.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	
DRAWING #	FIGURE 2

TERRAPEX

PHASE I STUDY AREA

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 100m 200m

SOURCE: VUMAP FIRST BASE SOLUTIONS, 2017 IMAGERY.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	
DRAWING #	FIGURE 3

TERRAPEX

CONCEPTUAL SITE MODEL
PCAs

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

LEGEND

● POTENTIALLY CONTAMINATING ACTIVITIES (PCA)

NOTE: PCA LOCATIONS SHOWN ARE FOR ILLUSTRATION PURPOSES, THESE ARE APPROXIMATE LOCATIONS AND DO NOT REPRESENT AREA OF STORAGE / OPERATIONS.

SOURCE: CITY OF OTTAWA, geoOTTAWA, 2017 IMAGERY.

0 100m 200m

SOURCE: VUMAP FIRST BASE SOLUTIONS, 2017 IMAGERY.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE 4

TERRAPEX

CONCEPTUAL SITE MODEL- APECs

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

TABLE 6: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

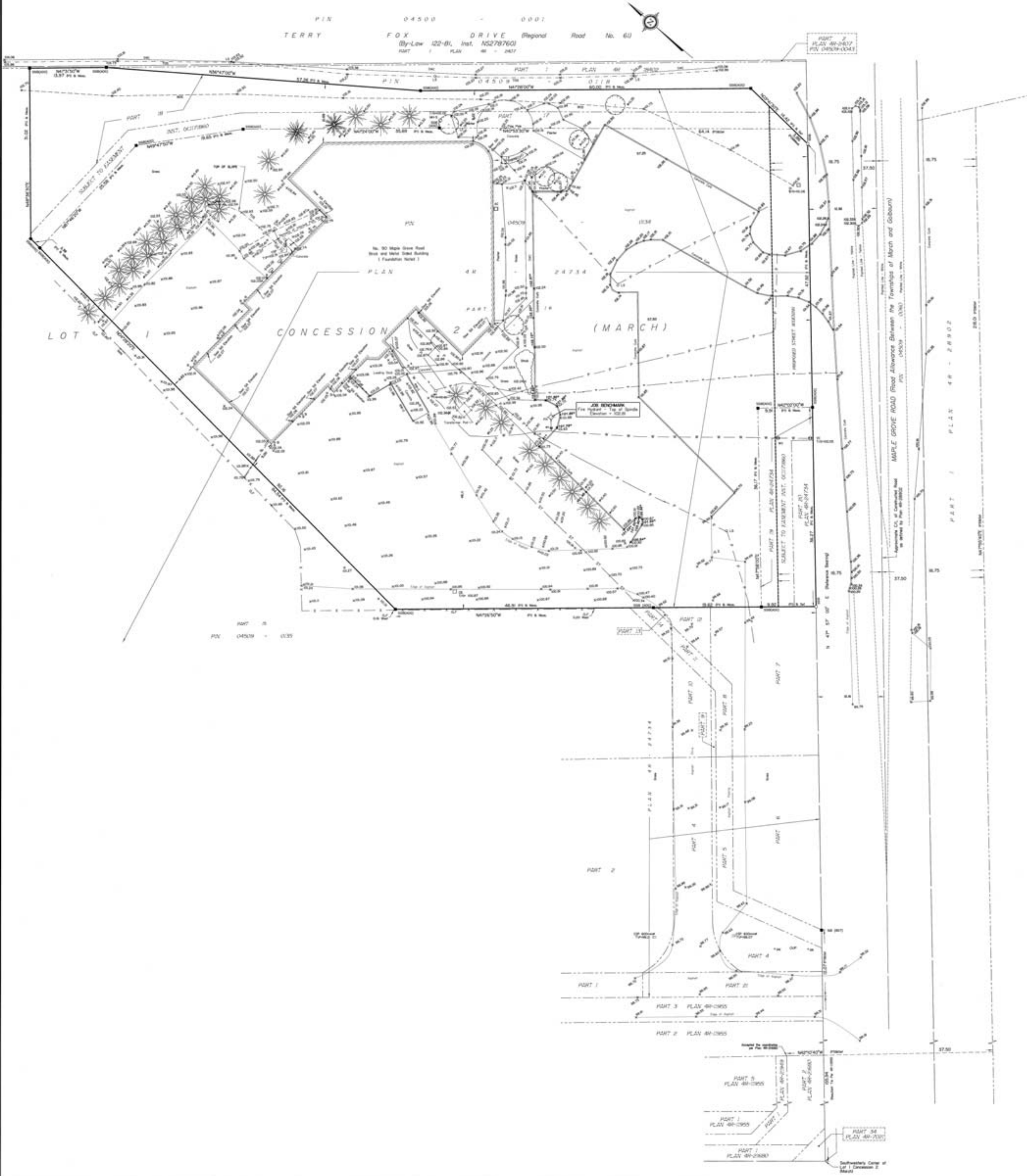
APEC	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY (as set out in Column A of Table 2 in Schedule D of O. Reg. 153/04)	LOCATION OF PCA (On-Site or Off-Site)	CONTAMINANTS OF POTENTIAL CONCERN	MEDIA POTENTIALLY IMPACTED (Groundwater, Soil, and/or Sediment)
APEC 1	- Encompassing the entirety of the Site	- 30 - Importation of Fill Material of Unknown Quality	- PCA 1 (on-site)	- PHCs - BTEX - Metals - Hydride-forming metals - Cr (VI) & Hg	- Soil
APEC 2	- Encompassing the western portion of the Site along the Hydro Ottawa work yard	- 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	- PCA 3 - (off-Site)	- Metals - Hydride-forming metals - PAHs - Cr (VI) & Hg	- Soil - Groundwater
APEC 3	- Encompassing beside the garage and western portion of the Site.	- 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	- PCA 4	- PCBs	- Soil - Groundwater
APEC 4	- Encompassing the area adjacent to the fuel AST for the backup generator	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- PCA 2 - (On-Site)	- PHCs - BTEX	- Soil - Groundwater
APEC 5	- Due to the lack of information regarding the location of the fuel storage tank, the APEC encompasses the entire Site	- 28 – Gasoline and Associated Products Storage in Fixed Tanks	- PCA 5 (exact location unknown) - (On-Site or Off-Site)	- PHCs - BTEX	- Soil - Groundwater

SOURCE: VUMAP FIRST BASE SOLUTIONS, 2017 IMAGERY.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE 5

APPENDIX I

PLAN OF SURVEY



TOPOGRAPHIC PLAN OF SURVEY OF

PART OF LOT 1
CONCESSION 2
GEOGRAPHIC TOWNSHIP OF MARCH
CITY OF OTTAWA

Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

Scale 1 : 250

Metric
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

Surveyor's Certificate

I CERTIFY THAT :
1. This survey and plan are correct and in accordance with the Surveys Act and the Surveyors Act and the regulations made under them.
2. The survey was completed on the 30th day of August, 2019.

Sept 13/19
Date

T. Hartwick
Ontario Land Surveyor

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
2094017
THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR in accordance with Regulation 1026, Section 29 (3).

Notes & Legend

—◻—	Denotes	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
IB	"	Iron Bar
CC	"	Cut Cross
CP	"	Concrete Pin
Meas.	"	Measured
(AOG)	"	Annis, O'Sullivan, Vollebekk Ltd.
(P1)	"	Plan 4R-24734
(P2)	"	Plan 4R-15402
(P3)	"	Plan 4R-28902
VC	"	Valve Chamber
WV	"	Water Valve
	"	Gate
— H —	"	Underground Cable
— P —	"	Underground Hydro
— ST —	"	Underground Storm
CB	"	Catch Basin
DI	"	Ditch Inlet
ø	"	Diameter
B	"	Bollard
LS	"	Light Standard
LF	"	Light Fixture
T/G	"	Top of Grate
B/G	"	Bottom of Grate
MH	"	Maintenance Hole
MH-S	"	Maintenance Hole (Sanitary)
RW-C	"	Concrete Retaining Wall
CSP	"	Corrugated Steel Pipe
T/P	"	Top of Pipe
FH	"	Fire Hydrant
TOS	"	Top of Slope
BOS	"	Bottom of Slope
SWC	"	Concrete Sidewalk
AC	"	Air Conditioner
CLF	"	Chain Link Fence
	"	Location of Elevation
	"	Top of Concrete Curb Elevation
	"	Coniferous Tree
	"	Deciduous Tree

Bearings are grid, derived from Can-Net 2016 Real Time Network GPS observations and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

For bearing comparison purposes, a clockwise rotation of 0°29'20" has been applied to the bearings shown on (P1).

ELEVATION NOTES

1. Elevations shown are geodetic and are referred to the CGVD28 geodetic datum.
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

UTILITY NOTES

1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.
3. Subsurface Utilities located by Deepview Utilities Locates and Concrete Scanning.

ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com
Ontario Land Surveyors

Job No. 17368-19 Bright Path Pkw 20 Survey 24

APPENDIX II

CHAIN OF TITLE

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #4 | 04509-0134 (LT) | PAGE 1 OF 1 | PREPARED FOR Claudia1 | ON 2019/05/24 AT 06:51:48

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

PROPERTY DESCRIPTION: PART OF LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, DESIGNATED AS PARTS 16, 17, 18, 19 AND 20 ON PLAN 4R-24734. TOGETHER WITH AN EASEMENT IN FAVOUR OF PARTS 16, 17, 18 AND 19 PLAN 4R-24734 OVER PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 3 AND 21 PLAN 4R-24734 AS IN OC1171860.TOGETHER WITH AN EASEMENT IN FAVOUR OF PARTS 16, 17, 18 AND 19 PLAN 4R-24734 OVER PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 10, 11 AND 12 PLAN 4R-24734 AS IN OC1171860. TOGETHER WITH AN EASEMENT IN FAVOUR OF PARTS 16, 17, 18 AND 19 PLAN 4R-24734 OVER PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PART 5 PLAN 4R-24734 AS IN OC1171860. TOGETHER WITH AN EASEMENT IN FAVOUR OF PARTS 16, 17, 18 AND 19 PLAN 4R-24734 OVER PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 8, 11 AND 14 PLAN 4R-24734 AS IN OC1171860.; SUBJECT TO AN EASEMENT OVER PART 17 PLAN 4R-24734 IN FAVOUR OF PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 1 TO 6 AND 21 PLAN 4R-24734 AS IN OC1171860; SUBJECT TO AN EASEMENT OVER PART 17 PLAN 4R-24734 IN FAVOUR OF PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 7 TO 15 AND 21 PLAN 4R-24734 AS IN OC1171860; SUBJECT TO AN EASEMENT OVER PART 19 PLAN 4R-24734 IN FAVOUR OF PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 1 TO 6 AND 21 PLAN 4R-24734 AS IN OC1171860; SUBJECT TO AN EASEMENT OVER PART 19 PLAN 4R-24734 IN FAVOUR OF PART LOT 1, CONCESSION 2, FORMERLY TOWNSHIP OF MARCH, PARTS 7 TO 15 PLAN 4R-24734 AS IN OC1171860; CITY OF OTTAWA

PROPERTY REMARKS: PLANNING ACT CONSENT IN DOCUMENT OC1171860.

ESTATE/QUALIFIER: FEE SIMPLE ABSOLUTE

RECENTLY: DIVISION FROM 04509-0119

PIN CREATION DATE: 2010/10/25

OWNERS' NAMES CAPACITY SHARE

HYDRO OTTAWA LIMITED

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2010/10/25 ****						
MH4948	1963/02/12	AGR SUBDIVISION			THE CORPORATION OF THE TOWNSHIP OF MARCH	C
	REMARKS: LT92078 LT278669					
OC416733	2004/12/16	NOTICE	$1	CITY OF OTTAWA	HYDRO OTTAWA LIMITED	C
4R24734	2010/08/27	PLAN REFERENCE				C
OC1171859	2010/10/20	NOTICE	$2	HYDRO OTTAWA LIMITED	HYDRO OTTAWA LIMITED	C
OC1171860	2010/10/20	TRANSFER	$1	HYDRO OTTAWA LIMITED	HYDRO OTTAWA LIMITED	C

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

APPENDIX III

DIRECTORY SEARCH

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*90 Maple Grove Road, Kanata, Ontario*
Report Type:	*City Directory*
Order No:	*20190911234*
Information Source:	*Vernon's Ottawa and Area, Ontario City Directory*
Date Completed:	*27/09/2019*

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

City Directory Information Source
Vernon's Ottawa and Area, Ontario City Directory

PROJECT NUMBER: 20190911234	
Site Address:	90 Maple Grove Road, Kanata, Ontario
Year: 2011	
Site Listing:	-Address Not Listed
Adjacent Properties:	
100 Maple Grove Road	-Address Not Listed
300 Maple Grove Road	-Jehovah's Witness
400 Maple Grove Road	-EMS Technologies -EMS Technologies Canada -EMS Aviation
1565 Maple Grove Road	-The Dynamic Edge Sports Vision Training Centre -Ottawa Sensators -Bell Sensplex (Csmi) -Play It Again Sports -Iplay Network Gaming Lounge

100 Charlie Rogers Place	-Street Not Listed
44 Edgewater Street	-Esso (Imperial Oil)
110 McCurdy Drive	-Trinity Presbyterian Church
33 Palladium Drive	-Address Not Listed
580 Terry Fox Drive	-Property Management Inc -Cleland Jardine Engineering LTD -G E Thom & Associates -Healthsource Agency LTD -Merrick & Company -Myro Electronic Control Services -HPB Association Management Services Inc -Independent Learning Systems Inc -Connolly & McNamara -Holitzner Homes LTD
600 Terry Fox Drive	-The 3C Foundation of Canada -Empowered Networks Inc -Canadiansponsors.com -Fairhall Moffatt & Woodland LTD -Public Opinions -Kanata Massage Therapy

	-Terry Fox Dental Centre

PROJECT NUMBER: 20190911234	
Site Address:	90 Maple Grove Road, Kanata, Ontario
Year: 2006/07	
Site Listing:	-Address Not Listed
Adjacent Properties:	
100 Maple Grove Road	-Address Not Listed
300 Maple Grove Road	-Address Not Listed
400 Maple Grove Road	-Address Not Listed
1565 Maple Grove Road	-Bell Sensplex
100 Charlie Rogers Place	-Street Not Listed
44 Edgewater Street	-Esso (Imperial Oil)
110 McCurdy Drive	-Trinity Presbyterian Church

33 Palladium Drive	-Address Not Listed
580 Terry Fox Drive	-Connolly & McNamara -Holitzner Homes LTD
600 Terry Fox Drive	-World Financial Group -Empowered Networks Inc -Legerity -Cleland Jardine Structural Engineering LTD -LLP -Medical Office -Financially Sound

PROJECT NUMBER: 20190911234	
Site Address:	90 Maple Grove Road, Kanata, Ontario
Year: 2001/02	
Site Listing:	-Address Not Listed
Adjacent Properties:	
100 Maple Grove Road	-Address Not Listed
300 Maple Grove Road	-Address Not Listed

400 Maple Grove Road	-Address Not Listed
1565 Maple Grove Road	-Address Not Listed
100 Charlie Rogers Place	-Street Not Listed
44 Edgewater Street	-Esso (Imperial Oil)
110 McCurdy Drive	-Trinity Presbyterian Church
33 Palladium Drive	-Address Not Listed
580 Terry Fox Drive	-Strand Securities Corporation -Kanata Orthopedic Physiotherapy Clinic
600 Terry Fox Drive	-Epi-Tech -Laser Eye Tech -Empowered Networks Inc -Cleland Jardine Structural Engineering LTD -Pyderion CTI -Empowered Networks Inc -Research in Motion LTD

PROJECT NUMBER: 20190911234	

Site Address:	90 Maple Grove Road, Kanata, Ontario
Year: 1996/97	
Site Listing:	-Address Not Listed
Adjacent Properties:	
100 Maple Grove Road	-Kanata Hydro
300 Maple Grove Road	-Address Not Listed
400 Maple Grove Road	-Address Not Listed
1565 Maple Grove Road	-Double Deck Golf Centre
100 Charlie Rogers Place	-Street Not Listed
44 Edgewater Street	-Address Not Listed
110 McCurdy Drive	-Trinity Presbyterian Church
33 Palladium Drive	-Address Not Listed
580 Terry Fox Drive	-Wandel & Goltermann Inc

	-Kanata Orthopedic Physiotherapy Clinic -Allerex Laboratories LTD
600 Terry Fox Drive	-Cleland Jardine Structural Engineering LTD -Michelin Tires (Canada) LTD -Enterprise Planning Systems Inc -Neptec Design Group LTD

PROJECT NUMBER: 20190911234	
Site Address:	90 Maple Grove Road, Kanata, Ontario
Year: 1992	
Site Listing:	-Street Not Listed
Adjacent Properties:	
100 Maple Grove Road	-Street Not Listed
300 Maple Grove Road	-Street Not Listed
400 Maple Grove Road	-Street Not Listed
1565 Maple Grove Road	-Street Not Listed

100 Charlie Rogers Place	-Street Not Listed
44 Edgewater Street	-Address Not Listed
110 McCurdy Drive	-Trinity Presbyterian Church
33 Palladium Drive	-Street Not Listed
580 Terry Fox Drive	-Address Not Listed
600 Terry Fox Drive	-Boardwalk Realty Corporation -CSI Carp Systems International -Parliament Record & Tape -Acadian Realty Co LTD -S Carp Systems International Inc

*****Kanata, Ontario is listed within the city directory archives from 1992-2011.*****

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

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

APPENDIX IV

ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*CO738.00 - Phase One ESA - 90 Maple Grove Road Ottawa ON* *90 Maple Grove Road* *Kanata ON K2L 3K2*
Project No:	*CO738.00*
Report Type:	*RSC Report - Quote*
Order No:	*20190911234*
Requested by:	*Terrapex Environmental Ltd.*
Date Completed:	*September 17, 2019*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*CO738.00 - Phase One ESA - 90 Maple Grove Road Ottawa ON* *90 Maple Grove Road Kanata ON K2L 3K2*
Project No:	*CO738.00*

Order Information:

Order No:	*20190911234*
Date Requested:	*September 11, 2019*
Requested by:	*Terrapex Environmental Ltd.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Aerial Photographs	*Aerials - National Collection - .tiff files*
City Directory Search	*CD - Subject Site plus 10 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*National Topographic Maps*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	***Abandoned Aggregate Inventory***	*Y*	*0*	*0*	*0*
AGR	***Aggregate Inventory***	*Y*	*0*	*0*	*0*
AMIS	***Abandoned Mine Information System***	*Y*	*0*	*0*	*0*
ANDR	***Anderson's Waste Disposal Sites***	*Y*	*0*	*0*	*0*
AST	***Aboveground Storage Tanks***	*Y*	*0*	*0*	*0*
AUWR	***Automobile Wrecking & Supplies***	*Y*	*0*	*0*	*0*
BORE	***Borehole***	*Y*	*0*	*3*	*3*
CA	***Certificates of Approval***	*Y*	*0*	*12*	*12*
CDRY	***Dry Cleaning Facilities***	*Y*	*0*	*0*	*0*
CFOT	***Commercial Fuel Oil Tanks***	*Y*	*0*	*0*	*0*
CHEM	***Chemical Register***	*Y*	*0*	*0*	*0*
CNG	***Compressed Natural Gas Stations***	*Y*	*0*	*0*	*0*
COAL	***Inventory of Coal Gasification Plants and Coal Tar Sites***	*Y*	*0*	*0*	*0*
CONV	***Compliance and Convictions***	*Y*	*0*	*0*	*0*
CPU	***Certificates of Property Use***	*Y*	*0*	*0*	*0*
DRL	***Drill Hole Database***	*Y*	*0*	*0*	*0*
EASR	***Environmental Activity and Sector Registry***	*Y*	*0*	*5*	*5*
EBR	***Environmental Registry***	*Y*	*0*	*5*	*5*
ECA	***Environmental Compliance Approval***	*Y*	*0*	*12*	*12*
EEM	***Environmental Effects Monitoring***	*Y*	*0*	*0*	*0*
EHS	***ERIS Historical Searches***	*Y*	*0*	*20*	*20*
EIIS	***Environmental Issues Inventory System***	*Y*	*0*	*0*	*0*
EMHE	***Emergency Management Historical Event***	*Y*	*0*	*0*	*0*
EPAR	***Environmental Penalty Annual Report***	*Y*	*0*	*0*	*0*
EXP	***List of TSSA Expired Facilities***	*Y*	*0*	*2*	*2*
FCON	***Federal Convictions***	*Y*	*0*	*0*	*0*
FCS	***Contaminated Sites on Federal Land***	*Y*	*0*	*0*	*0*
FOFT	***Fisheries & Oceans Fuel Tanks***	*Y*	*0*	*0*	*0*
FST	***Fuel Storage Tank***	*Y*	*0*	*0*	*0*
FSTH	***Fuel Storage Tank - Historic***	*Y*	*0*	*1*	*1*
GEN	***Ontario Regulation 347 Waste Generators Summary***	*Y*	*0*	*84*	*84*
GHG	***Greenhouse Gas Emissions from Large Facilities***	*Y*	*0*	*0*	*0*
HINC	***TSSA Historic Incidents***	*Y*	*0*	*0*	*0*
IAFT	***Indian & Northern Affairs Fuel Tanks***	*Y*	*0*	*0*	*0*
INC	***TSSA Incidents***	*Y*	*0*	*1*	*1*
LIMO	***Landfill Inventory Management Ontario***	*Y*	*0*	*0*	*0*

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	2	2
NPRI	National Pollutant Release Inventory	Y	0	6	6
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	6	6
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	13	13
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	1	1
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	4	4
	Total:		0	184	184

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	CA	Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON	ESE/11.0	-0.29	44
1	CA	Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON	ESE/11.0	-0.29	44
1	CA	Hydro Ottawa Limited	100 Maple Grove Rd Kanata Ottawa ON	ESE/11.0	-0.29	44
1	GEN	KANATA HYDRO ELECTRIC COMMISSION 23-455	KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	ESE/11.0	-0.29	45
1	GEN	KANATA HYDRO ELECTRIC COMMISSION	KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	ESE/11.0	-0.29	45
1	WDS	SAFETY-KLEEN (ON SITE) INC.	100 MAPLE GROVE RD., KANATA OTTAWA-CARLETON ON	ESE/11.0	-0.29	45
2	WWIS		lot 30 con 12 KANATA ON ***Well ID:*** 7273557	S/34.8	-3.29	46
3	ECA	Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON K1G 3S4	W/59.2	-2.35	47
3	ECA	Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON K1T 3W6	W/59.2	-2.35	47
3	ECA	Hydro Ottawa Limited	100 Maple Grove Rd Kanata Ottawa ON K1G 3S4	W/59.2	-2.35	48
3	EXP	KANATA HYDRO	100 MAPLE GROVE RD KANATA ON	W/59.2	-2.35	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	EXP	KANATA HYDRO	100 MAPLE GROVE RD KANATA ON	W/59.2	-2.35	48
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	48
3	GEN	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	49
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON	W/59.2	-2.35	50
3	GEN	KANATA HYDRO ELECTRIC COMMISSION 23-170	100 MAPLE GROVE ROAD BOX 13238 KANATA ON K2V 1B8	W/59.2	-2.35	50
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	51
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	51
3	GEN	KANATA HYDRO ELECTRIC COMMISSION	100 MAPLE GROVE ROAD BOX 13238 KANATA ON K2V 1B8	W/59.2	-2.35	52
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	52
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	53
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	54
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	55
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	55

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	56
3	GEN	Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	W/59.2	-2.35	57
3	NPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	57
3	NPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	58
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	59
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	59
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	59
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	60
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	60
3	OPCB	KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	W/59.2	-2.35	60
3	PRT	KANATA HYDRO	100 MAPLE GROVE ST KANATA ON K2V 1B8	W/59.2	-2.35	61
4	BORE		ON	E/84.4	1.65	61
5	EHS		600 Terry Fox Dr Ottawa ON K2L4B6	NW/92.0	3.41	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	CA	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA CITY ON K2V 1A6	WNW/114.7	1.33	62
6	EASR	PENSIONFUND REALTY LIMITED	333 PALLADIUM DR KANATA ON K2V 1A6	WNW/114.7	1.33	62
6	EASR	DY 4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON K2V 1A6	WNW/114.7	1.33	62
6	EASR	DY 4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON K2V 1A6	WNW/114.7	1.33	63
6	EBR	Dy4 System Inc.	333 PALLADIUM DRIVE, KANATA CITY Kanata ON	WNW/114.7	1.33	63
6	GEN	DY-4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA ON K2V 1A6	WNW/114.7	1.33	63
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	64
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	65
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	65
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	66
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	67
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	67
6	GEN	DY 4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA ON K2V 1A6	WNW/114.7	1.33	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	68
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	WNW/114.7	1.33	69
6	GEN	DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON	WNW/114.7	1.33	69
6	GEN	DY-4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON	WNW/114.7	1.33	70
6	INC		333 PALLADIUM DR, OTTAWA ON	WNW/114.7	1.33	71
6	NPRI	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	WNW/114.7	1.33	72
6	NPRI	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	WNW/114.7	1.33	73
6	NPRI	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	WNW/114.7	1.33	73
6	NPRI	Dy4 Systems Inc.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	WNW/114.7	1.33	74
6	NPRI	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	WNW/114.7	1.33	75
6	SCT	DY 4 Systems Inc. - Div. of Force Computers	333 Palladium Dr Kanata ON K2V 1A6	WNW/114.7	1.33	76
6	SCT	DY 4 SYSTEMS INC.	333 Palladium Dr Kanata ON K2V 1A6	WNW/114.7	1.33	76
6	SCT	DY 4 SYSTEMS INC	333 PALLADIUM DR KANATA ON K2V 1A6	WNW/114.7	1.33	76

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	SCT	Curtiss-Wright Controls	333 Palladium Dr Kanata ON K2V 1A6	WNW/114.7	1.33	77
7	WWIS		lot 1 con 2 ON ***Well ID:*** 1503300	ENE/119.6	5.66	77
8	EBR	EMS Technologies Canada, Ltd.	400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA ON	WSW/167.0	-4.29	80
8	EBR	EMS Technologies Canada Ltd.	400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA ON	WSW/167.0	-4.29	80
8	ECA	EMS Technologies Canada Ltd.	400 Maple Grove Rd Ottawa ON	WSW/167.0	-4.29	81
8	ECA	EMS Technologies Canada, Ltd.	400 Maple Grove Rd Kanata Ottawa ON K2V 1B8	WSW/167.0	-4.29	81
8	ECA	EMS Technologies Canada Ltd.	400 Maple Grove Rd Ottawa ON K2V 1B8	WSW/167.0	-4.29	81
8	EHS		400 Maple Grove Rd Ottawa ON K2V 1B8	WSW/167.0	-4.29	82
8	EHS		400 Maple Grove Road Ottawa ON K2V 1B8	WSW/167.0	-4.29	82
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	WSW/167.0	-4.29	82
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	WSW/167.0	-4.29	82
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	WSW/167.0	-4.29	83
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	83

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	WSW/167.0	-4.29	84
8	GEN	EMS TECHNOLOGIES AVIATION	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	84
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	85
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	86
8	GEN	Morguard Investments Limited	400 Maple Grove Kanata ON	WSW/167.0	-4.29	87
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON	WSW/167.0	-4.29	87
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	87
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	WSW/167.0	-4.29	88
8	GEN	Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	WSW/167.0	-4.29	89
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	WSW/167.0	-4.29	89
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	WSW/167.0	-4.29	90
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	91
8	GEN	EMS TECHNOLOGIES AVIATION	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	WSW/167.0	-4.29	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	GEN	EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	WSW/167.0	-4.29	92
8	SCT	EMS Satcom	400 Maple Grove Rd Kanata ON K2V 1B8	WSW/167.0	-4.29	93
9	BORE		ON	ENE/171.5	7.35	93
10	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	NW/175.4	4.17	94
11	EHS		580 Terry Fox Drive Kanata ON K2L 4B9	NW/182.4	4.17	95
11	EHS		580 Terry Fox Dr Ottawa ON K2L4B9	NW/182.4	4.17	95
11	GEN	BRIDGEPORT REALTY	580 TERRY FOX DRIVE OTTAWA ON K2L 4B9	NW/182.4	4.17	95
11	SPL	Waste Management of Canada Corporation	580 terry Fox dr. Ottawa ON	NW/182.4	4.17	95
12	EHS		Concession 2, Part of Lot 1, RP 4R-1195, Pats 1-4-5 Ottawa (Kanata) ON	SW/205.9	-4.59	96
13	CA	DY4 SYSTEMS INC.	PT.LOT 1/CONC.2, PALLADIUM DR. KANATA CITY ON	W/211.3	-2.54	96
13	EHS		333 Palladium Dr Ottawa ON K2V1A6	W/211.3	-2.54	96
13	NPRI	DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	W/211.3	-2.54	97
14	CA	KANATA CITY - FIRST LINE ROAD	FIRST LINE RD/MAPLEGROVE DR. KANATA CITY ON	SW/246.1	-5.62	98

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	CA	KANATA CITY	MAPLE GROVE RD/FIRST LINE RD. KANATA CITY ON	SW/246.1	-5.62	98
15	CA	Mr. Lube Canada Inc.	639 Terry Fox Drive, Kanata Ottawa ON	SE/270.0	-1.03	98
15	ECA	Mr. Lube Canada Inc.	639 Terry Fox Drive, Kanata Ottawa ON L5L 5Y7	SE/270.0	-1.03	98
15	EHS		#120 - 639 Terry Fox Dr., Kanata, ON Kanata ON	SE/270.0	-1.03	99
15	RST	MR LUBE	639 TERRY FOX DR KANATA ON K2L4H9	SE/270.0	-1.03	99
15	RST	MR LUBE	639 TERRY FOX DR KANATA ON K2L 4H9	SE/270.0	-1.03	99
15	SPL	349977 Ontario Ltd.	639 Terry Fox Drive, Kanata Ottawa ON K2L 4H9	SE/270.0	-1.03	99
16	WWIS		lot 30 con 12 OTTAWA ON ***Well ID:*** 1535009	ESE/273.8	-1.03	100
17	EHS		578 Terry Fox Dr Kanata ON K2L 4G8	NW/277.4	7.11	102
17	EHS		578 Terry Fox Dr Kanata ON K2L 4G8	NW/277.4	7.11	102
18	CA	Ottawa Community Ice Partners	1565 Maple Grove Road Ottawa ON	SW/282.5	-5.47	103
18	ECA	Ottawa Community Ice Partners	1565 Maple Grove Rd Ottawa ON K0A 1L0	SW/282.5	-5.47	103
18	EHS		1565 Maple Grove Rd. Kanata ON K2V 1A3	SW/282.5	-5.47	103

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	SW/282.5	-5.47	103
18	GEN	BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	SW/282.5	-5.47	104
18	GEN	BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	SW/282.5	-5.47	104
18	GEN	BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	SW/282.5	-5.47	104
18	GEN	Bell Sensplex	1565 Maple Grove Rd Ottawa ON K2V 1A3	SW/282.5	-5.47	104
18	GEN	Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	SW/282.5	-5.47	105
18	GEN	Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	SW/282.5	-5.47	105
18	GEN	Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	SW/282.5	-5.47	105
18	SPL		1565 Maple Grove Ottawa ON	SW/282.5	-5.47	106
19	EHS		308 PALLADIUM DRIVE OTTAWA ON	WNW/284.0	-2.44	106
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	106
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	107
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON	WNW/284.0	-2.44	107

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	107
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	108
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	108
19	GEN	Dr Shadi Halim Dentistry Professional Cooperation	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	108
19	GEN	Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	108
19	GEN	Dr Shadi Halim Dentistry Professional Cooperation	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	WNW/284.0	-2.44	109
19	SCT	Xilinx Inc.	308 Palladium Dr Suite 210 Ottawa ON K2V 1A1	WNW/284.0	-2.44	109
19	SCT	Electro Source Inc.	308 Palladium Dr Suite 210 Kanata ON K2V 1A1	WNW/284.0	-2.44	109
20	GEN	Elk Property Management Limited	350 Palladium Drive Ottawa ON K1V 1A1	WNW/284.2	-3.42	110
20	SCT	Peleton Photonics Systems Inc.	350 Palladium Dr Suite 200 Kanata ON K2V 1A8	WNW/284.2	-3.42	110
20	SCT	Canada Inc.	350 Palladium Dr Kanata ON K2V 1A8	WNW/284.2	-3.42	110
21	BORE		ON	ENE/286.8	11.07	110
21	WWIS		lot 1 con 2 ON	ENE/286.8	11.07	112

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503299			
22	SCT	Pearson Education Canada	16 Jarlan Terr Kanata ON K2L 3L6	N/287.8	9.07	114
22	SCT	PEARSON EDUCATION	16 Jarlan Terr Kanata ON K2L 3L6	N/287.8	9.07	114
22	SCT	ADDISON-WESLEY PUBLISHERS	16 JARLAN TERR KANATA ON K2L 3L6	N/287.8	9.07	114
23	CA	Imperial Oil Limited	44 Edgewater St Ottawa ON	ESE/297.7	1.06	114
23	EHS		44 Edgewater St Ottawa (Kanata) ON K2L 1V8	ESE/297.7	1.06	115
23	FSTH	595623 ONTARIO INC IHSAN SANDHU O/A TERRY FOX TIGER EXPRESS	44 EDGEWATER ST KANATA ON K2L 1V8	ESE/297.7	1.06	115
23	PRT	595623 ONTARIO INC IHSAN SANDHU	44 EDGEWATER ST AT TERRY FOX DR KANATA ON	ESE/297.7	1.06	116
24	CA	1029922 ONTARIO INC.	38 EDGEWATER STREET (SWM) KANATA ON K2L 1V8	ESE/300.0	4.19	116
24	EHS		38 Edgewater Street Kanata ON K2L 1V8	ESE/300.0	4.19	116
24	EHS		38 Edgewater Street Kanata ON K2L 1V8	ESE/300.0	4.19	116
24	EHS		38 Edgewater St Ottawa ON K2L1V8	ESE/300.0	4.19	116
24	GEN	CHARTERWAYS TRANSPORT (OUT OF BUSINESS)	38 EDGEWATER DRIVE KANATA ON K2L 1V8	ESE/300.0	4.19	117
24	GEN	CARLTON BUS LINES (ANTRIM) LIMITED	LOT 30 CONC. 12 38 EDGEWATER DRIVE	ESE/300.0	4.19	117

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			KANATA ON K2L 1V8			
24	GEN	CARLTON BUS LINES (ANTRIM) LIMITED	38 EDGEWATER DRIVE LOT 30, CONCESSION 12 KANATA ON K2L 1V8	ESE/300.0	4.19	117
24	GEN	CAPITAL EQUIPMENT CORP.(OUT OF BUSINESS)	38 EDGEWATER STREET KANATA ON K2L 1V8	ESE/300.0	4.19	118
24	GEN	CHARTERWAYS TRANSPORTATION LIMITED	38 EDGEWATER DRIVE KANATA ON K2L 1V8	ESE/300.0	4.19	118
24	GEN	CAPITAL EQUIPMENT CORP.	38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	ESE/300.0	4.19	119
24	GEN	CAPITAL (OUT OF BUSINESS) 08-756	38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	ESE/300.0	4.19	119
24	GEN	BOYER EQUIPMENT (OUT OF BUSINESS) 05-855	38 EDGEWATER STREET KANATA ON K2L 1V8	ESE/300.0	4.19	119
25	CA	Smart Technologies Inc.	501 Palladium Dr Ottawa ON	W/300.0	-4.62	119
25	EASR	SMART TECHNOLOGIES ULC	501 PALLADIUM DR KANATA ON K2V 0A2	W/300.0	-4.62	120
25	EASR	SMART TECHNOLOGIES ULC	501 PALLADIUM DR KANATA ON K2V 0A2	W/300.0	-4.62	120
25	EBR	Smart Technologies Inc.	501 Palladium Drive Ottawa CITY OF OTTAWA ON	W/300.0	-4.62	120
25	EBR	Lockheed Martin Canada Inc	501 Palladium Drive Ottawa CITY OF OTTAWA ON	W/300.0	-4.62	121
25	ECA	Palladium Drive (Ottawa) Properties Inc.	501 Palladium Dr Ottawa ON M9W 5P3	W/300.0	-4.62	121

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	ECA	Smart Technologies Inc.	501 Palladium Dr Ottawa ON K2V 0A2	W/300.0	-4.62	121
25	ECA	Lockheed Martin Canada Inc	501 Palladium Dr Ottawa ON K2V 0A2	W/300.0	-4.62	122
25	EHS		501 Palladium Drive Ottawa ON	W/300.0	-4.62	122
25	EHS		501 Palladium Drive Ottawa ON	W/300.0	-4.62	122
25	EHS		501 Palladium Dr Ottawa ON K2V0E5	W/300.0	-4.62	122
25	EHS		501 Palladium Dr Kanata ON K2V 0A2	W/300.0	-4.62	123
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	123
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	123
25	GEN	LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	W/300.0	-4.62	124
25	GEN	LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	W/300.0	-4.62	124
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	125
25	GEN	LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	W/300.0	-4.62	125
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	126

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON	W/300.0	-4.62	126
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	127
25	GEN	SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	W/300.0	-4.62	128
25	GEN	LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	W/300.0	-4.62	128
25	SCT	Smart Technologies	501 Palladium Dr Kanata ON K2V 0A2	W/300.0	-4.62	129

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	84.4	4
	ON	171.5	9
	ON	286.8	21

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 12 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON	11.0	1
Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON	11.0	1
Hydro Ottawa Limited	100 Maple Grove Rd Kanata Ottawa ON	11.0	1
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA CITY ON K2V 1A6	114.7	6
DY4 SYSTEMS INC.	PT.LOT 1/CONC.2, PALLADIUM DR. KANATA CITY ON	211.3	13

Site	Address	Distance (m)	Map Key
KANATA CITY	MAPLE GROVE RD/FIRST LINE RD. KANATA CITY ON	246.1	14
KANATA CITY - FIRST LINE ROAD	FIRST LINE RD/MAPLEGROVE DR. KANATA CITY ON	246.1	14
Mr. Lube Canada Inc.	639 Terry Fox Drive, Kanata Ottawa ON	270.0	15
Ottawa Community Ice Partners	1565 Maple Grove Road Ottawa ON	282.5	18
Imperial Oil Limited	44 Edgewater St Ottawa ON	297.7	23
1029922 ONTARIO INC.	38 EDGEWATER STREET (SWM) KANATA ON K2L 1V8	300.0	24
Smart Technologies Inc.	501 Palladium Dr Ottawa ON	300.0	25

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Aug 31, 2019 has found that there are 5 EASR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PENSIONFUND REALTY LIMITED	333 PALLADIUM DR KANATA ON K2V 1A6	114.7	6
DY 4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON K2V 1A6	114.7	6

Site	Address	Distance (m)	Map Key
DY 4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON K2V 1A6	114.7	6
SMART TECHNOLOGIES ULC	501 PALLADIUM DR KANATA ON K2V 0A2	300.0	25
SMART TECHNOLOGIES ULC	501 PALLADIUM DR KANATA ON K2V 0A2	300.0	25

EBR - Environmental Registry

A search of the EBR database, dated 1994-Aug 31, 2019 has found that there are 5 EBR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Dy4 System Inc.	333 PALLADIUM DRIVE, KANATA CITY Kanata ON	114.7	6
EMS Technologies Canada Ltd.	400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA ON	167.0	8
EMS Technologies Canada, Ltd.	400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA ON	167.0	8
Lockheed Martin Canada Inc	501 Palladium Drive Ottawa CITY OF OTTAWA ON	300.0	25
Smart Technologies Inc.	501 Palladium Drive Ottawa CITY OF OTTAWA ON	300.0	25

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Aug 31, 2019 has found that there are 12 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON K1G 3S4	59.2	3
Hydro Ottawa Limited	100 Maple Grove Road Ottawa ON K1T 3W6	59.2	3
Hydro Ottawa Limited	100 Maple Grove Rd Kanata Ottawa ON K1G 3S4	59.2	3
EMS Technologies Canada Ltd.	400 Maple Grove Rd Ottawa ON K2V 1B8	167.0	8
EMS Technologies Canada, Ltd.	400 Maple Grove Rd Kanata Ottawa ON K2V 1B8	167.0	8
EMS Technologies Canada Ltd.	400 Maple Grove Rd Ottawa ON	167.0	8
Minto Developments Inc.	Ottawa ON K1R 7Y2	175.4	10
Mr. Lube Canada Inc.	639 Terry Fox Drive, Kanata Ottawa ON L5L 5Y7	270.0	15
Ottawa Community Ice Partners	1565 Maple Grove Rd Ottawa ON K0A 1L0	282.5	18
Palladium Drive (Ottawa) Properties Inc.	501 Palladium Dr Ottawa ON M9W 5P3	300.0	25
Smart Technologies Inc.	501 Palladium Dr Ottawa ON K2V 0A2	300.0	25
Lockheed Martin Canada Inc	501 Palladium Dr Ottawa ON K2V 0A2	300.0	25

Site	Address	Distance (m)	Map Key

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2019 has found that there are 20 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	600 Terry Fox Dr Ottawa ON K2L4B6	92.0	5
	400 Maple Grove Road Ottawa ON K2V 1B8	167.0	8
	400 Maple Grove Rd Ottawa ON K2V 1B8	167.0	8
	580 Terry Fox Dr Ottawa ON K2L4B9	182.4	11
	580 Terry Fox Drive Kanata ON K2L 4B9	182.4	11
	Concession 2, Part of Lot 1, RP 4R-1195, Pats 1-4-5 Ottawa (Kanata) ON	205.9	12
	333 Palladium Dr Ottawa ON K2V1A6	211.3	13
	#120 - 639 Terry Fox Dr., Kanata, ON Kanata ON	270.0	15
	578 Terry Fox Dr Kanata ON K2L 4G8	277.4	17

Site	Address	Distance (m)	Map Key
	578 Terry Fox Dr Kanata ON K2L 4G8	277.4	17
	1565 Maple Grove Rd. Kanata ON K2V 1A3	282.5	18
	308 PALLADIUM DRIVE OTTAWA ON	284.0	19
	44 Edgewater St Ottawa (Kanata) ON K2L 1V8	297.7	23
	38 Edgewater St Ottawa ON K2L1V8	300.0	24
	38 Edgewater Street Kanata ON K2L 1V8	300.0	24
	38 Edgewater Street Kanata ON K2L 1V8	300.0	24
	501 Palladium Dr Kanata ON K2V 0A2	300.0	25
	501 Palladium Dr Ottawa ON K2V0E5	300.0	25
	501 Palladium Drive Ottawa ON	300.0	25
	501 Palladium Drive Ottawa ON	300.0	25

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 2 EXP site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KANATA HYDRO	100 MAPLE GROVE RD KANATA ON	59.2	3
KANATA HYDRO	100 MAPLE GROVE RD KANATA ON	59.2	3

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 1 FSTH site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
595623 ONTARIO INC IHSAN SANDHU O/A TERRY FOX TIGER EXPRESS	44 EDGEWATER ST KANATA ON K2L 1V8	297.7	23

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 84 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KANATA HYDRO ELECTRIC COMMISSION 23-455	KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	11.0	1
KANATA HYDRO ELECTRIC COMMISSION	KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	11.0	1
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3

Site	Address	Distance (m)	Map Key
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON	59.2	3
KANATA HYDRO ELECTRIC COMMISSION 23-170	100 MAPLE GROVE ROAD BOX 13238 KANATA ON K2V 1B8	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO ELECTRIC COMMISSION	100 MAPLE GROVE ROAD BOX 13238 KANATA ON K2V 1B8	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3

Site	Address	Distance (m)	Map Key
Hydro Ottawa Ltd.	100 MAPLE GROVE ROAD KANATA ON K2K 1X4	59.2	3
DY-4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY 4 SYSTEMS INC.	333 PALLADIUM DRIVE KANATA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON K2V 1A6	114.7	6
DY-4 SYSTEMS INC	333 Palladium Drive OTTAWA ON	114.7	6

Site	Address	Distance (m)	Map Key
DY-4 SYSTEMS INC	333 PALLADIUM DRIVE OTTAWA ON	114.7	6
Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	167.0	8
Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	167.0	8
Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	167.0	8
EMS TECHNOLOGIES AVIATION	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
Morguard Investments Limited	400 Maple Grove Kanata ON	167.0	8
Honeywell Ltd	400 Maple Grove Rd Ottawa ON	167.0	8

Site	Address	Distance (m)	Map Key
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	167.0	8
Honeywell Ltd	400 Maple Grove Rd Ottawa ON K2V 2B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
EMS TECHNOLOGIES AVIATION	400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	167.0	8
EMS TECHNOLOGIES	400 MAPLE GROVE ROAD OTTAWA ON	167.0	8
BRIDGEPORT REALTY	580 TERRY FOX DRIVE OTTAWA ON K2L 4B9	182.4	11
BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	282.5	18
BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	282.5	18
BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	282.5	18

Site	Address	Distance (m)	Map Key
BELL SENS PLEX	1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	282.5	18
Bell Sensplex	1565 Maple Grove Rd Ottawa ON K2V 1A3	282.5	18
Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	282.5	18
Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	282.5	18
Peak Centre Kanata Inc.	1565 Maple Grove Rd Kanata ON K2V 1A4	282.5	18
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19

Site	Address	Distance (m)	Map Key
Dr Shadi Halim Dentistry Professional Cooperation	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Bahram Mostaghaci & Mark McCullough DPC	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Dr Shadi Halim Dentistry Professional Cooperation	308 Palladium Drive, Suite 100 Kanata ON K2V 1A1	284.0	19
Elk Property Management Limited	350 Palladium Drive Ottawa ON K1V 1A1	284.2	20
CHARTERWAYS TRANSPORT (OUT OF BUSINESS)	38 EDGEWATER DRIVE KANATA ON K2L 1V8	300.0	24
CARLTON BUS LINES (ANTRIM) LIMITED	LOT 30 CONC. 12 38 EDGEWATER DRIVE KANATA ON K2L 1V8	300.0	24
CARLTON BUS LINES (ANTRIM) LIMITED	38 EDGEWATER DRIVE LOT 30, CONCESSION 12 KANATA ON K2L 1V8	300.0	24
CAPITAL EQUIPMENT CORP.(OUT OF BUSINESS)	38 EDGEWATER STREET KANATA ON K2L 1V8	300.0	24
CHARTERWAYS TRANSPORTATION LIMITED	38 EDGEWATER DRIVE KANATA ON K2L 1V8	300.0	24
CAPITAL EQUIPMENT CORP.	38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	300.0	24
CAPITAL (OUT OF BUSINESS) 08-756	38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	300.0	24
BOYER EQUIPMENT (OUT OF BUSINESS) 05-855	38 EDGEWATER STREET KANATA ON K2L 1V8	300.0	24

Site	Address	Distance (m)	Map Key
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	300.0	25
LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
SMART Technologies	501 Palladium Drive Kanata ON K2V 0A2	300.0	25
LOCKHEED MARTIN CANADA	501 PALLADIUM DRIVE OTTAWA ON K2V 0A2	300.0	25

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	333 PALLADIUM DR, OTTAWA ON	114.7	6

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 2 NPCB site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 6 NPRI site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	114.7	6
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	114.7	6
Dy4 Systems Inc.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	114.7	6
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	114.7	6

Site	Address	Distance (m)	Map Key
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	114.7	6
DY4 SYSTEMS INC.	333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	211.3	13

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 6 OPCB site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3
KANATA HYDRO	100 MAPLE GROVE ROAD KANATA ON K2V 1B8	59.2	3

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KANATA HYDRO	100 MAPLE GROVE ST KANATA ON K2V 1B8	59.2	3
595623 ONTARIO INC IHSAN SANDHU	44 EDGEWATER ST AT TERRY FOX DR KANATA ON	297.7	23

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jul 31, 2019 has found that there are 2 RST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MR LUBE	639 TERRY FOX DR KANATA ON K2L4H9	270.0	15
MR LUBE	639 TERRY FOX DR KANATA ON K2L 4H9	270.0	15

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 13 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
DY 4 SYSTEMS INC	333 PALLADIUM DR KANATA ON K2V 1A6	114.7	6
DY 4 SYSTEMS INC.	333 Palladium Dr Kanata ON K2V 1A6	114.7	6
DY 4 Systems Inc. - Div. of Force Computers	333 Palladium Dr Kanata ON K2V 1A6	114.7	6
Curtiss-Wright Controls	333 Palladium Dr Kanata ON K2V 1A6	114.7	6

Site	Address	Distance (m)	Map Key
EMS Satcom	400 Maple Grove Rd Kanata ON K2V 1B8	167.0	8
Electro Source Inc.	308 Palladium Dr Suite 210 Kanata ON K2V 1A1	284.0	19
Xilinx Inc.	308 Palladium Dr Suite 210 Ottawa ON K2V 1A1	284.0	19
Canada Inc.	350 Palladium Dr Kanata ON K2V 1A8	284.2	20
Peleton Photonics Systems Inc.	350 Palladium Dr Suite 200 Kanata ON K2V 1A8	284.2	20
ADDISON-WESLEY PUBLISHERS	16 JARLAN TERR KANATA ON K2L 3L6	287.8	22
PEARSON EDUCATION	16 Jarlan Terr Kanata ON K2L 3L6	287.8	22
Pearson Education Canada	16 Jarlan Terr Kanata ON K2L 3L6	287.8	22
Smart Technologies	501 Palladium Dr Kanata ON K2V 0A2	300.0	25

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Waste Management of Canada Corporation	580 terry Fox dr. Ottawa ON	182.4	11

Site	Address	Distance (m)	Map Key
349977 Ontario Ltd.	639 Terry Fox Drive, Kanata Ottawa ON K2L 4H9	270.0	15
	1565 Maple Grove Ottawa ON	282.5	18

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011-Aug 31, 2019 has found that there are 1 WDS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SAFETY-KLEEN (ON SITE) INC.	100 MAPLE GROVE RD., KANATA OTTAWA-CARLETON ON	11.0	1

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 4 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 30 con 12 KANATA ON ***Well ID:*** 7273557	34.8	2
	lot 1 con 2 ON ***Well ID:*** 1503300	119.6	7
	lot 30 con 12 OTTAWA ON ***Well ID:*** 1535009	273.8	16
	lot 1 con 2 ON ***Well ID:*** 1503299	286.8	21

Map : 0.3 Kilometer Radius

Order No: 20190911234

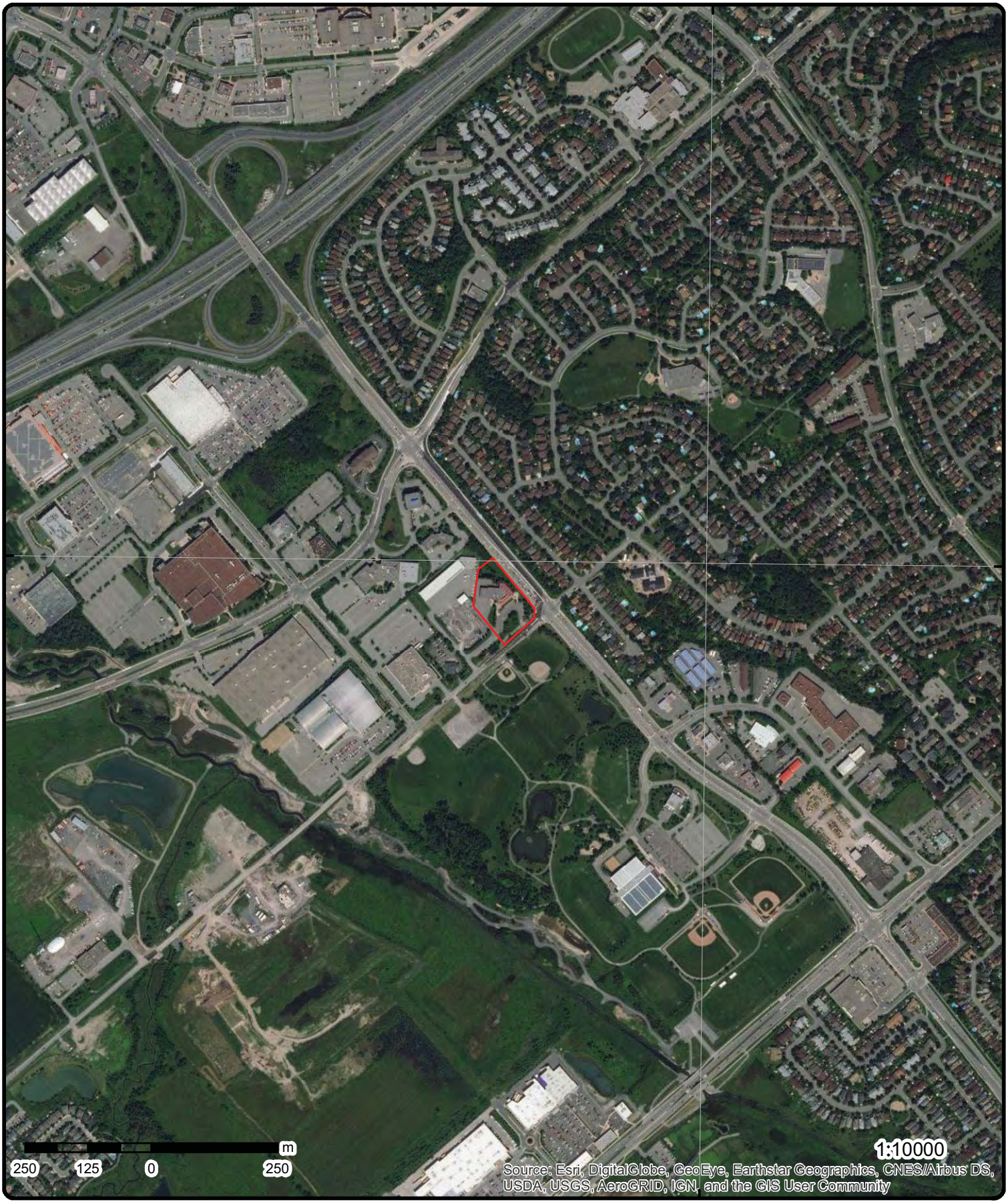
Address: 90 Maple Grove Road, Kanata, ON, K2L 3K2

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

75°54'W

45°18'N



45°18'N

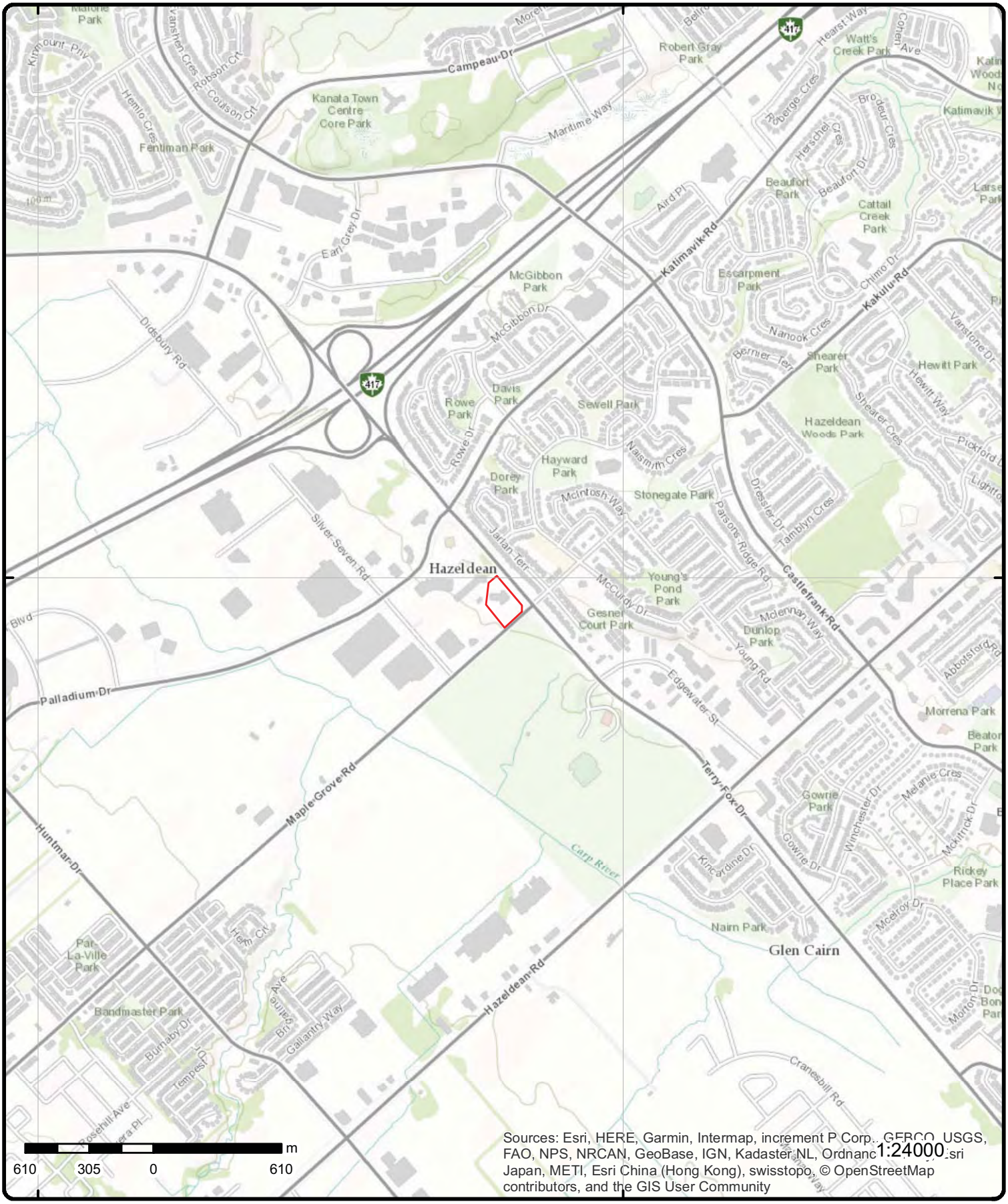
Aerial (2017)

Order No: 20190911234

Address: 90 Maple Grove Road, Kanata, ON, K2L 3K2

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Order No: 20190911234

Address: 90 Maple Grove Road, Kanata, ON, K2L 3K2

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 6	ESE/11.0	102.2 / -0.29	Hydro Ottawa Limited 100 Maple Grove Road Ottawa ON	CA

Certificate #:	2317-6FTJTG
Application Year:	2005
Issue Date:	9/6/2005
Approval Type:	Air
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 6	ESE/11.0	102.2 / -0.29	Hydro Ottawa Limited 100 Maple Grove Road Ottawa ON	CA

Certificate #:	3390-65RJLB
Application Year:	2004
Issue Date:	10/15/2004
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 6	ESE/11.0	102.2 / -0.29	Hydro Ottawa Limited 100 Maple Grove Rd Kanata Ottawa ON	CA

Certificate #:	9836-7S3MCM
Application Year:	2009
Issue Date:	5/20/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 6	ESE/11.0	102.2 / -0.29	KANATA HYDRO ELECTRIC COMMISSION 23-455 KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	GEN

Generator No: ON0646402
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	5 of 6	ESE/11.0	102.2 / -0.29	KANATA HYDRO ELECTRIC COMMISSION KANATA M.S REANEY COURT, LOT 3 CONC 3 C/O 100 MAPLE GROVE RD., P.O BOX 13238 KANATA ON K2K 1X4	GEN

Generator No: ON0646402
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	6 of 6	ESE/11.0	102.2 / -0.29	SAFETY-KLEEN (ON SITE) INC. 100 MAPLE GROVE RD., KANATA OTTAWA-CARLETON ON	WDS

Certificate No: A710162
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type: Mobile Unit
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 05/06/1999
Input Date: 5/7/99
Date Received: 5/4/99
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: GUELPH, ONTARIO
Prop Postal: N1G-4P5
Prop Phone:

Total Area (ha): 0
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession:
Site Region/County:
SWP Area Name:
MOE District:
District Office: Cambridge
Latitude:
Longitude:
Geometry X:

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

Serial Link:	710162	**Geometry Y:**	
Approval Type:			
Proponent:	SAFETY-KLEEN (0N SITE) INC.		
Prop Address:	520 SOUTHGATE DRIVE		
Proponent County/District:			
Full Address:			
Site Lot:	KANATA HYDRO		
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:	No		
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

2	1 of 1	S/34.8	99.2 / -3.29	lot 30 con 12 KANATA ON	WWIS

Well ID:	7273557	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	10/17/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	
Water Type:		**Contractor:**	4875
Casing Material:		**Form Version:**	7
Audit No:	Z220177	**Owner:**	
Tag:		**Street Name:**	NAPLE GROVE
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	030
Well Depth:		**Concession:**	12
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006273903	**Elevation:**	98.685317
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	429024
Code OB Desc:		**North83:**	5016478
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/15/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	1006430308
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006430312
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006430313
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1006430310
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

3	***1 of 28***	***W/59.2***	***100.1 / -2.35***	***Hydro Ottawa Limited*** ***100 Maple Grove Road*** ***Ottawa ON K1G 3S4***	*ECA*

Approval No:	3390-65RJLB	***MOE District:***	Ottawa
Approval Date:	2004-10-15	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	-75.9034
Record Type:	ECA	***Latitude:***	45.3033
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	Mississippi Valley	***Geometry Y:***	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Address:	100 Maple Grove Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0958-65BHLG-14.pdf		

3	***2 of 28***	***W/59.2***	***100.1 / -2.35***	***Hydro Ottawa Limited*** ***100 Maple Grove Road*** ***Ottawa ON K1T 3W6***	*ECA*

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

Approval No: 2317-6FTJTG
Approval Date: 2005-09-06
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Central Lake Ontario
Approval Type: ECA-AIR
Project Type: AIR
Address: 100 Maple Grove Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1459-6DUQ6F-14.pdf
MOE District: York-Durham
City:
Longitude: -79.051414
Latitude: 44.017807
Geometry X:
Geometry Y:

3	3 of 28	W/59.2	100.1 / -2.35	**Hydro Ottawa Limited** **100 Maple Grove Rd Kanata** **Ottawa ON K1G 3S4**	ECA

Approval No: 9836-7S3MCM
Approval Date: 2009-05-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Central Lake Ontario
Approval Type: ECA-AIR
Project Type: AIR
Address: 100 Maple Grove Rd Kanata
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4888-7RBP5J-14.pdf
MOE District: York-Durham
City:
Longitude: -79.051414
Latitude: 44.017807
Geometry X:
Geometry Y:

3	4 of 28	W/59.2	100.1 / -2.35	**KANATA HYDRO** **100 MAPLE GROVE RD** **KANATA ON**	EXP

Instance No: 9902068
Instance ID: 398474
Instance Type: FS Facility
Description: FS Propane Refill Cntr - Cylr Fill
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

3	5 of 28	W/59.2	100.1 / -2.35	**KANATA HYDRO** **100 MAPLE GROVE RD** **KANATA ON**	EXP

Instance No: 11101850
Instance ID: 68941
Instance Type: FS Propane Tank
Description: FS Propane Tank
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

3	6 of 28	W/59.2	100.1 / -2.35	**Hydro Ottawa Ltd.** **100 MAPLE GROVE ROAD** **KANATA ON K2V 1B8**	GEN

Generator No: ON0646400
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 221122, 232510
SIC Description: Electric Power Distribution

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

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

3	7 of 28	W/59.2	100.1 / -2.35	KANATA HYDRO 100 MAPLE GROVE ROAD KANATA ON K2K 1X4	GEN

Generator No: ON0646400
Status:
Approval Years: 92,93,95,96,97,98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 243
Waste Class Desc: PCB'S

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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3 **8 of 28** **W/59.2** **100.1 / -2.35**

Hydro Ottawa Ltd.
100 MAPLE GROVE ROAD
KANATA ON

GEN

Generator No: ON0646400
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION

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

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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3 **9 of 28** **W/59.2** **100.1 / -2.35**

KANATA HYDRO ELECTRIC COMMISSION 23-170
100 MAPLE GROVE ROAD BOX 13238
KANATA ON K2V 1B8

GEN

Generator No: ON0646400
Status:
Approval Years: 94
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 243
Waste Class Desc: PCB'S

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

---

3 ***10 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.*** *GEN*
100 MAPLE GROVE ROAD
KANATA ON K2K 1X4

Generator No: ON0646400
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

---

3 ***11 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.*** *GEN*
100 MAPLE GROVE ROAD
KANATA ON K2V 1B8

Generator No: ON0646400
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description: Electric Power Distribution

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

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

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

---

3 ***12 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***KANATA HYDRO ELECTRIC COMMISSION*** GEN
100 MAPLE GROVE ROAD BOX 13238
KANATA ON K2V 1B8

Generator No: ON0646400
Status:
Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

---

3 ***13 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.*** GEN
100 MAPLE GROVE ROAD
KANATA ON K2K 1X4

Generator No: ON0646400
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 243
Waste Class Desc: PCB'S

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

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3 ***14 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.***
100 MAPLE GROVE ROAD
KANATA ON K2V 1B8 *GEN*

Generator No: ON0646400
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description: Electric Power Distribution

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

Detail(s)

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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3 ***15 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.*** *GEN*
100 MAPLE GROVE ROAD
KANATA ON K2K 1X4

Generator No: ON0646400
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	16 of 28	W/59.2	100.1 / -2.35	Hydro Ottawa Ltd. 100 MAPLE GROVE ROAD KANATA ON K2V 1B8	GEN

Generator No: ON0646400
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description: Electric Power Distribution

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	17 of 28	W/59.2	100.1 / -2.35	Hydro Ottawa Ltd. 100 MAPLE GROVE ROAD KANATA ON K2K 1X4	GEN

Generator No: ON0646400
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 243
Waste Class Desc: PCBS

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3 ***18 of 28*** ***W/59.2*** ***100.1 / -2.35*** ***Hydro Ottawa Ltd.*** *GEN*
100 MAPLE GROVE ROAD
KANATA ON K2K 1X4

Generator No:	ON0646400	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2014	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	Joel Stairs
MHSW Facility:	No	***Phone No Admin:***	613-738-5499 Ext.7612
SIC Code:	221122		
SIC Description:	ELECTRIC POWER DISTRIBUTION		

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 243
Waste Class Desc: PCBS

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3 **19 of 28** **W/59.2** **100.1 / -2.35** **Hydro Ottawa Ltd.** **100 MAPLE GROVE ROAD** **KANATA ON K2K 1X4** GEN

Generator No: ON0646400
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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3 **20 of 28** **W/59.2** **100.1 / -2.35** **KANATA HYDRO** **100 MAPLE GROVE ROAD** **KANATA ON K2V 1B8** NPCB

Company Code: F1485
Industry:
Site Status:
Transaction Date: 1/29/1996
Inspection Date:

--Details--
Label:
Serial No.:
PCB Type/Code: Low 50 - 10,000 ppm
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal

Contents: 50.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 90.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 265.00 KG

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 279.00 KG

Label:
Serial No.:
PCB Type/Code: Low 50 - 10,000 ppm
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 998.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 1575.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 6053.00 KG

3	***21 of 28***	***W/59.2***	***100.1 / -2.35***	***KANATA HYDRO*** ***100 MAPLE GROVE ROAD***	*NPCB*

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				KANATA ON K2V 1B8	

Company Code: F1329
Industry: UNDEFINED
Site Status:
Transaction Date:
Inspection Date:

--Details--
Label: F132900
Serial No.:
PCB Type/Code: MINERAL OIL/UNKNOWN
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 8
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 995 KG

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	22 of 28	W/59.2	100.1 / -2.35	KANATA HYDRO 100 MAPLE GROVE ROAD KANATA ON K2V 1B8	OPCB

Year: 2003
Site Number: 40288A235
Name Owner:
Additional Site Information:

--Details--
Quantity: 9.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	23 of 28	W/59.2	100.1 / -2.35	KANATA HYDRO 100 MAPLE GROVE ROAD KANATA ON K2V 1B8	OPCB

Year: 1998
Site Number: 40288A235
Name Owner:
Additional Site Information:

--Details--
Quantity: 5.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 1.00
Address Site:
Description: Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg

Quantity: 150.00
Address Site:
Description: Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg

---

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	24 of 28	W/59.2	100.1 / -2.35	KANATA HYDRO 100 MAPLE GROVE ROAD	OPCB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				KANATA ON K2V 1B8	

Year: 1999
Site Number: 40288A235
Name Owner:
Additional Site Information:

--Details--
Quantity: 995.00
Address Site:
Description: Weight of Liquid in Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 8.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

---

3	***25 of 28***	***W/59.2***	***100.1 / -2.35***	***KANATA HYDRO*** ***100 MAPLE GROVE ROAD*** ***KANATA ON K2V 1B8***	*OPCB*

Year: 1995
Site Number: 40288A235
Name Owner:
Additional Site Information:

--Details--
Quantity: 1953.00
Address Site:
Description: Weight of Liquid in Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 24.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

---

3	***26 of 28***	***W/59.2***	***100.1 / -2.35***	***KANATA HYDRO*** ***100 MAPLE GROVE ROAD*** ***KANATA ON K2V 1B8***	*OPCB*

Year: 2000
Site Number: 40288A235
Name Owner:
Additional Site Information:

--Details--
Quantity: 995.00
Address Site:
Description: Weight of Liquid in Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 8.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

---

3	***27 of 28***	***W/59.2***	***100.1 / -2.35***	***KANATA HYDRO*** ***100 MAPLE GROVE ROAD*** ***KANATA ON K2V 1B8***	*OPCB*

Year: 2004

Site Number: 40288A235
Name Owner:
Additional Site Information:

---

3 | **28 of 28** | **W/59.2** | **100.1 / -2.35** | **KANATA HYDRO**
100 MAPLE GROVE ST
KANATA ON K2V 1B8 | *PRT*

Location ID: 19337
Type: retail
Expiry Date: 1993-01-31
Capacity (L): 2000
Licence #: 0076350768

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4 | **1 of 1** | **E/84.4** | **104.1 / 1.65** | **ON** | **BORE**

Borehole ID: 609656
OGF ID: 215511272
Status:
Type: Borehole
Use:
Completion Date: AUG-1970
Static Water Level: 3.7
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 114
Elev Reliabil Note:
DEM Ground Elev m: 102
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.29908
Longitude DD: -75.90326
UTM Zone: 18
Easting: 429181
Northing: 5016572
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218383740
Top Depth: 0
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. S. SANDSTONE. STABLE AT 363.0 FEET.IC VELOCITY = 4600. BEDROCK. SEISMIC VE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 02164 NTS_Sheet:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

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

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5 | *1 of 1* | *NW/92.0* | *105.9 / 3.41* | *600 Terry Fox Dr*
Ottawa ON K2L4B6 | **EHS**

Order No: 20141222027
Status: C
Report Type: Custom Report
Report Date: 29-DEC-14
Date Received: 22-DEC-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.906662
Y: 45.30038

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6 | *1 of 27* | *WNW/114.7* | *103.8 / 1.33* | *DY4 SYSTEMS INC.*
333 PALLADIUM DRIVE
KANATA CITY ON K2V 1A6 | **CA**

Certificate #: 8-4055-97-
Application Year: 97
Issue Date: 7/30/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: VENT FOR PRINTED CIRCUIT CARD ASSY.PROC.
Contaminants: Toluene(Pentyl Methane)(Methyl Benzene), Methyl Ethyl Ketone (Butanone), Xylene, Diethylene Glycol Monobutyl Ether, Isopropyl Alcohol, N-Butanol(Butanol)
Emission Control:

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6 | *2 of 27* | *WNW/114.7* | *103.8 / 1.33* | *PENSIONFUND REALTY LIMITED*
333 PALLADIUM DR
KANATA ON K2V 1A6 | **EASR**

Approval No: R-003-1613923981
Status: REGISTERED
Date: 2016-07-22
Record Type: EASR
Link Source: MOFA
Project Type: Heating System
Full Address:
Approval Type: EASR-Heating System
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2023330
SWP Area Name: Mississippi Valley
MOE District: Ottawa
City: KANATA
Latitude: 45.30027778
Longitude: -75.90833333
Geometry X:
Geometry Y:

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6 | *3 of 27* | *WNW/114.7* | *103.8 / 1.33* | *DY 4 SYSTEMS INC*
333 PALLADIUM DRIVE
OTTAWA ON K2V 1A6 | **EASR**

Approval No:	R-002-3121305023	*SWP Area Name:*	
Status:	REGISTERED	*MOE District:*	
Date:	2012-05-30	*City:*	OTTAWA
Record Type:	EASR	*Latitude:*	
Link Source:	MOFA	*Longitude:*	
Project Type:	Standby Power System	*Geometry X:*	
Full Address:		*Geometry Y:*	
Approval Type:	EASR-Standby Power System		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1181		

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6 *4 of 27* *WNW/114.7* *103.8 / 1.33* *DY 4 SYSTEMS INC* *333 PALLADIUM DRIVE* *OTTAWA ON K2V 1A6* **EASR**

Approval No:	R-003-1121292735	*SWP Area Name:*	
Status:	REGISTERED	*MOE District:*	
Date:	2012-05-30	*City:*	OTTAWA
Record Type:	EASR	*Latitude:*	
Link Source:	MOFA	*Longitude:*	
Project Type:	Heating System	*Geometry X:*	
Full Address:		*Geometry Y:*	
Approval Type:	EASR-Heating System		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1180		

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6 *5 of 27* *WNW/114.7* *103.8 / 1.33* *Dy4 System Inc.* *333 PALLADIUM DRIVE, KANATA CITY Kanata ON* **EBR**

EBR Registry No:	IA7E0671	*Decision Posted:*	
Ministry Ref No:	8405597 19970415	*Exception Posted:*	
Notice Type:	Instrument Decision	*Section:*	
Notice Stage:	800469331	*Act 1:*	
Notice Date:	July 30, 1997	*Act 2:*	
Proposal Date:	May 21, 1997	*Site Location Map:*	
Year:	1997		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Dy4 System Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	333 Palladium Drive, Kanata Ontario, K2V 1A6		
Comment Period:			
URL:			

Site Location Details:

333 PALLADIUM DRIVE, KANATA CITY Kanata

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6 *6 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC.* *333 PALLADIUM DRIVE* *KANATA ON K2V 1A6* **GEN**

Generator No:	ON0013301	*PO Box No:*	
Status:		*Country:*	
Approval Years:	98,99,00,01,02,03,04,05,06,07,08	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	

SIC Code: 3351
SIC Description: TELECOMMUNICATIONS

Detail(s)

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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6 *7 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC*
333 Palladium Drive
OTTAWA ON K2V 1A6 **GEN**

Generator No: ON0013301
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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6 *8 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC*
333 Palladium Drive
OTTAWA ON K2V 1A6
GEN

Generator No: ON0013301
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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6 *9 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC*
333 Palladium Drive
OTTAWA ON K2V 1A6
GEN

Generator No: ON0013301
Status:
PO Box No:
Country:

Approval Years:	2012	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:	336410		
SIC Description:	Aerospace Product and Parts Manufacturing		

Detail(s)

Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

6	*10 of 27*	*WNW/114.7*	*103.8 / 1.33*	*DY-4 SYSTEMS INC* *333 Palladium Drive* *OTTAWA ON K2V 1A6*	***GEN***

Generator No:	ON0013301	*PO Box No:*	
Status:		*Country:*	Canada
Approval Years:	2015	*Choice of Contact:*	CO_OFFICIAL
Contam. Facility:	No	*Co Admin:*	Duncan McCartney
MHSW Facility:	No	*Phone No Admin:*	613 599 9199 Ext.5161
SIC Code:	336410		
SIC Description:	AEROSPACE PRODUCT AND PARTS MANUFACTURING		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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6 *11 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC* **GEN**
333 Palladium Drive
OTTAWA ON K2V 1A6

Generator No: ON0013301
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 336410
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Duncan McCartney
Phone No Admin: 613 599 9199 Ext.5161

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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6 *12 of 27* *WNW/114.7* *103.8 / 1.33* *DY-4 SYSTEMS INC* **GEN**
333 Palladium Drive
OTTAWA ON K2V 1A6

Generator No: ON0013301
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:

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

SIC Code:
SIC Description:

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 211 H
Waste Class Desc: Aromatic solvents and residues

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

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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6 | *13 of 27* | *WNW/114.7* | *103.8 / 1.33* | *DY 4 SYSTEMS INC.*
333 PALLADIUM DRIVE
KANATA ON K2V 1A6 | **GEN**

Generator No: ON0013301
Status:
Approval Years: 97
Contam. Facility:
MHSW Facility:
SIC Code: 3351
SIC Description: TELECOMMUNICATIONS

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

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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6 | *14 of 27* | *WNW/114.7* | *103.8 / 1.33* | *DY-4 SYSTEMS INC*
333 Palladium Drive
OTTAWA ON K2V 1A6 | **GEN**

Generator No: ON0013301
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 336410
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Duncan McCartney
Phone No Admin: 613 599 9199 Ext.5161

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS

6	*15 of 27*	*WNW/114.7*	*103.8 / 1.33*	*DY-4 SYSTEMS INC* *333 Palladium Drive* *OTTAWA ON K2V 1A6*	***GEN***

Generator No:	ON0013301	*PO Box No:*	
Status:	Registered	*Country:*	Canada
Approval Years:	As of Jul 2019	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	211 H
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)

6	*16 of 27*	*WNW/114.7*	*103.8 / 1.33*	*DY-4 SYSTEMS INC* *333 Palladium Drive* *OTTAWA ON*	***GEN***

Generator No:	ON0013301	*PO Box No:*	
Status:		*Country:*	

Approval Years:	2013	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:	336410		
SIC Description:	AEROSPACE PRODUCT AND PARTS MANUFACTURING		

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

6	*17 of 27*	*WNW/114.7*	*103.8 / 1.33*	*DY-4 SYSTEMS INC* *333 PALLADIUM DRIVE* *OTTAWA ON*	***GEN***

Generator No:	ON0013301	*PO Box No:*	
Status:		*Country:*	
Approval Years:	2009	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:	336410		
SIC Description:	Aerospace Product and Parts Manufacturing		

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

6 | *18 of 27* | *WNW/114.7* | *103.8 / 1.33* | *333 PALLADIUM DR, OTTAWA ON* | ***INC***

Incident No:	1786004
Incident ID:	
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	333 PALLADIUM DR, OTTAWA - FIRE
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 Occurence Type:	Fire
Fuel Type Involved:	Natural Gas
Date of Occurence:	2016/01/10 00:00:00
Time of Occurence:	18:00:00
Occur Insp Start Date:	2016/01/13 00:00:00
Any Health Impact:	No
Any Environmental Impact:	No
Was Service Interrupted:	Yes
Was Property Damaged:	Yes
Operation Type Involved:	Commercial (e.g. restaurant, business unit, etc)
Enforcement Policy:	NULL
Prc Escalation Required:	NULL
Task No:	6007063

Notes:
Occurence Narrative: Transformer inside roof top unit caught fire melting attached wires and damaging computer boards near by.
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac:
Liquid Prop Notes:

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6 *19 of 27* *WNW/114.7* *103.8 / 1.33* *DY4 SYSTEMS INC.*
333 PALLADIUM DRIVE NOT AVAILABLE
OTTAWA ON K2V1A6 **NPRI**

NPRI ID:	11820	*Org ID:*	103162
Other ID:		*Submit Date:*	12/17/2013
No Other ID:		*Last Modified:*	5/29/2015 3:28:24 PM
Track ID:	78018	*Contact ID:*	231424
Report ID:	26573	*Cont Type:*	MED
Report Type:	NPRI	*Contact Title:*	
Rpt Type ID:	1	*Cont First Name:*	
Report Year:	2012	*Cont Last Name:*	
Not-Current Rpt?:	No	*Contact Position:*	
Yr of Last Filed Rpt:	2014	*Contact Fax:*	
Fac ID:	226114	*Contact Ph.:*	
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	*Cont Area Code:*	
Fac Address1:	333 PALLADIUM DRIVE	*Contact Tel.:*	
Fac Address2:	NOT AVAILABLE	*Contact Ext.:*	
Fac Postal Zip:	K2V1A6	*Cont Fax Area Cde:*	
Facility Lat:	45.29955	*Contact Fax:*	
Facility Long:	-75.90853	*Contact Email:*	
DLS (Last Filed Rpt):		*Latitude:*	45.29955
Facility DLS:		*Longitude:*	-75.90853
Datum:	1983	*UTM Zone:*	
Facility Cmnts:		*UTM Northing:*	
URL:	www.curtisswright.com	*UTM Easting:*	
No of Empl.:	325	*Waste Streams:*	
Parent Co.:		*No Streams:*	
No Parent Co.:		*Waste Off Sites:*	
Pollut Prev Cmnts:		*No Off Sites:*	
Stacks:		*Shutdown:*	
No of Stacks:		*No of Shutdown:*	

Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 33
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3344
NAICS 4 Description: Semiconductor and other electronic component manufacturing
NAICS Code (6 digit): 334410
NAICS 6 Description: Semiconductor and other electronic component manufacturing

Substance Release Report

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: Lead (and its compounds)
Chem (fr): Plomb (et ses composés)
Quantity: .0492
Unit: kg

Basis of Estimate Cd:	NA
Basis of Estimate Desc:	NA- Not Applicable

6 *20 of 27* *WNW/114.7* *103.8 / 1.33* *DY4 SYSTEMS INC.* *333 PALLADIUM DRIVE NOT AVAILABLE* *OTTAWA ON K2V1A6* **NPRI**

NPRI ID:	11820	*Org ID:*	103162
Other ID:		*Submit Date:*	6/28/2012
No Other ID:		*Last Modified:*	5/29/2015 3:28:24 PM
Track ID:	101997	*Contact ID:*	231424
Report ID:	6688	*Cont Type:*	MED
Report Type:	NPRI	*Contact Title:*	
Rpt Type ID:	1	*Cont First Name:*	
Report Year:	2011	*Cont Last Name:*	
Not-Current Rpt?:	No	*Contact Position:*	
Yr of Last Filed Rpt:	2014	*Contact Fax:*	
Fac ID:	226114	*Contact Ph.:*	
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	*Cont Area Code:*	
Fac Address1:	333 PALLADIUM DRIVE	*Contact Tel.:*	
Fac Address2:	NOT AVAILABLE	*Contact Ext.:*	
Fac Postal Zip:	K2V1A6	*Cont Fax Area Cde:*	
Facility Lat:	45.29955	*Contact Fax:*	
Facility Long:	-75.90853	*Contact Email:*	
DLS (Last Filed Rpt):		*Latitude:*	45.29955
Facility DLS:		*Longitude:*	-75.90853
Datum:	1983	*UTM Zone:*	
Facility Cmnts:		*UTM Northing:*	
URL:	www.curtisswright.com	*UTM Easting:*	
No of Empl.:	300	*Waste Streams:*	
Parent Co.:		*No Streams:*	
No Parent Co.:		*Waste Off Sites:*	
Pollut Prev Cmnts:		*No Off Sites:*	
Stacks:		*Shutdown:*	
No of Stacks:		*No of Shutdown:*	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3344		
NAICS 4 Description:	Semiconductor and other electronic component manufacturing		
NAICS Code (6 digit):	334410		
NAICS 6 Description:	Semiconductor and other electronic component manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Lead (and its compounds)
Chem (fr):	Plomb (et ses composés)
Quantity:	.065
Unit:	kg
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

6 *21 of 27* *WNW/114.7* *103.8 / 1.33* *DY4 SYSTEMS INC.* *333 PALLADIUM DRIVE NOT AVAILABLE* **NPRI**

OTTAWA ON K2V1A6

NPRI ID:	11820	Org ID:	103162
Other ID:		Submit Date:	5/26/2014
No Other ID:		Last Modified:	5/29/2015 3:28:24 PM
Track ID:	117008	Contact ID:	231424
Report ID:	31488	Cont Type:	MED
Report Type:	NPRI	Contact Title:	
Rpt Type ID:	1	Cont First Name:	
Report Year:	2013	Cont Last Name:	
Not-Current Rpt?:	No	Contact Position:	
Yr of Last Filed Rpt:	2014	Contact Fax:	
Fac ID:	226114	Contact Ph.:	
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	Cont Area Code:	
Fac Address1:	333 PALLADIUM DRIVE	Contact Tel.:	
Fac Address2:	NOT AVAILABLE	Contact Ext.:	
Fac Postal Zip:	K2V1A6	Cont Fax Area Cde:	
Facility Lat:	45.29955	Contact Fax:	
Facility Long:	-75.90853	Contact Email:	
DLS (Last Filed Rpt):		Latitude:	45.29955
Facility DLS:		Longitude:	-75.90853
Datum:	1983	UTM Zone:	
Facility Cmnts:		UTM Northing:	
URL:	www.curtisswright.com	UTM Easting:	
No of Empl.:	275	Waste Streams:	
Parent Co.:		No Streams:	
No Parent Co.:		Waste Off Sites:	
Pollut Prev Cmnts:		No Off Sites:	
Stacks:		Shutdown:	
No of Stacks:		No of Shutdown:	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3344		
NAICS 4 Description:	Semiconductor and other electronic component manufacturing		
NAICS Code (6 digit):	334410		
NAICS 6 Description:	Semiconductor and other electronic component manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Lead (and its compounds)
Chem (fr):	Plomb (et ses composés)
Quantity:	.046
Unit:	kg
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

6	22 of 27	WNW/114.7	103.8 / 1.33	Dy4 Systems Inc. 333 PALLADIUM DRIVE NOT AVAILABLE OTTAWA ON K2V1A6	NPRI

NPRI ID:	11820	Org ID:	107304
Other ID:		Submit Date:	5/10/2016
No Other ID:		Last Modified:	11/18/2016 8:28:05 AM
Track ID:	137148	Contact ID:	238507

Report ID:	70469	*Cont Type:*	MEM
Report Type:	NPRI	*Contact Title:*	
Rpt Type ID:	1	*Cont First Name:*	Duncan
Report Year:	2015	*Cont Last Name:*	McCartney
Not-Current Rpt?:	No	*Contact Position:*	Sr. Manager Global Real Estate & Security - Designated Offic
Yr of Last Filed Rpt:	2014	*Contact Fax:*	6135997777
Fac ID:	226114	*Contact Ph.:*	6132545161
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	*Cont Area Code:*	613
Fac Address1:	333 PALLADIUM DRIVE	*Contact Tel.:*	32545161
Fac Address2:	NOT AVAILABLE	*Contact Ext.:*	
Fac Postal Zip:	K2V1A6	*Cont Fax Area Cde:*	613
Facility Lat:	45.29955	*Contact Fax:*	35997777
Facility Long:	-75.90853	*Contact Email:*	duncan.mccartney@curtisswright.com
DLS (Last Filed Rpt):		*Latitude:*	45.29955
Facility DLS:		*Longitude:*	-75.90853
Datum:	1983	*UTM Zone:*	
Facility Cmnts:		*UTM Northing:*	
URL:		*UTM Easting:*	
No of Empl.:	314	*Waste Streams:*	
Parent Co.:		*No Streams:*	
No Parent Co.:		*Waste Off Sites:*	
Pollut Prev Cmnts:		*No Off Sites:*	
Stacks:		*Shutdown:*	
No of Stacks:		*No of Shutdown:*	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3344		
NAICS 4 Description:	Semiconductor and other electronic component manufacturing		
NAICS Code (6 digit):	334410		
NAICS 6 Description:	Semiconductor and other electronic component manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	
Chem (fr):	
Quantity:	.041
Unit:	kg
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

6 *23 of 27* *WNW/114.7* *103.8 / 1.33*

DY4 SYSTEMS INC.
333 PALLADIUM DRIVE NOT AVAILABLE
OTTAWA ON K2V1A6

NPRI

NPRI ID:	11820	*Org ID:*	103162
Other ID:	Y	*Submit Date:*	6/16/2011
No Other ID:	3	*Last Modified:*	5/29/2015 3:28:24 PM
Track ID:	96686	*Contact ID:*	231424
Report ID:	150738	*Cont Type:*	MED
Report Type:	NPRI	*Contact Title:*	
Rpt Type ID:	1	*Cont First Name:*	
Report Year:	2010	*Cont Last Name:*	
Not-Current Rpt?:	No	*Contact Position:*	

Yr of Last Filed Rpt:	2014	*Contact Fax:*	
Fac ID:	226114	*Contact Ph.:*	
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	*Cont Area Code:*	
Fac Address1:	333 PALLADIUM DRIVE	*Contact Tel.:*	
Fac Address2:	NOT AVAILABLE	*Contact Ext.:*	
Fac Postal Zip:	K2V1A6	*Cont Fax Area Cde:*	
Facility Lat:	45.29955	*Contact Fax:*	
Facility Long:	-75.90853	*Contact Email:*	
DLS (Last Filed Rpt):		*Latitude:*	45.29955
Facility DLS:		*Longitude:*	-75.90853
Datum:	1983	*UTM Zone:*	
Facility Cmnts:	No	*UTM Northing:*	
URL:	www.curtisswright.com	*UTM Easting:*	
No of Empl.:	300	*Waste Streams:*	No
Parent Co.:	Y	*No Streams:*	
No Parent Co.:	1	*Waste Off Sites:*	Yes
Pollut Prev Cmnts:	Yes	*No Off Sites:*	1
Stacks:	No	*Shutdown:*	No
No of Stacks:		*No of Shutdown:*	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3344		
NAICS 4 Description:	Semiconductor and other electronic component manufacturing		
NAICS Code (6 digit):	334410		
NAICS 6 Description:	Semiconductor and other electronic component manufacturing		

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6 *24 of 27* *WNW/114.7* *103.8 / 1.33* *DY 4 Systems Inc. - Div. of Force Computers* **SCT**
333 Palladium Dr
Kanata ON K2V 1A6

Established:	1979
Plant Size (ft²):	73000
Employment:	300

--Details--

Description:	Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code:	334110

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6 *25 of 27* *WNW/114.7* *103.8 / 1.33* *DY 4 SYSTEMS INC.* **SCT**
333 Palladium Dr
Kanata ON K2V 1A6

Established:	1979
Plant Size (ft²):	73000
Employment:	275

--Details--

Description:	Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code:	334110

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6 *26 of 27* *WNW/114.7* *103.8 / 1.33* *DY 4 SYSTEMS INC* **SCT**
333 PALLADIUM DR
KANATA ON K2V 1A6

Established:	1981

Plant Size (ft²): 5000
Employment: 195

--Details--
Description: COMPUTER PERIPHERAL EQUIPMENT, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3577

Description: ELECTRONIC COMPUTERS
SIC/NAICS Code: 3571

Description: COMPUTERS AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE
SIC/NAICS Code: 5045

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6 | *27 of 27* | *WNW/114.7* | *103.8 / 1.33* | *Curtiss-Wright Controls*
333 Palladium Dr
Kanata ON K2V 1A6 | **SCT**

Established: 01-SEP-79
Plant Size (ft²): 73000
Employment:

--Details--
Description: Manufacturing and Reproducing Magnetic and Optical Media
SIC/NAICS Code: 334610

Description: Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code: 334410

Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Description: Navigational and Guidance Instruments Manufacturing
SIC/NAICS Code: 334511

Description: Other Communications Equipment Manufacturing
SIC/NAICS Code: 334290

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7 | *1 of 1* | *ENE/119.6* | *108.2 / 5.66* | *lot 1 con 2*
ON | **WWIS**

Well ID:	1503300	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	7/13/1966
Sec. Water Use:	0	*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	
Water Type:		*Contractor:*	3504
Casing Material:		*Form Version:*	1
Audit No:		*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	001
Well Depth:		*Concession:*	02
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	

Flow Rate:
Clear/Cloudy:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10025343	*Elevation:*	106.933418
DP2BR:	6	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	429190.6
Code OB Desc:	Bedrock	*North83:*	5016657
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	5
Date Completed:	2/28/1966	*UTMRC Desc:*	margin of error : 100 m - 300 m
Remarks:		*Location Method:*	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	930996514
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996515
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996516
Layer:	3
Color:	
General Color:	

Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 100
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10573913
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043440
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043439
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 19
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503300
Pump Set At:
Static Level: 12
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933456189
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 30
Water Found Depth UOM: ft

Water Details

Water ID: 933456190
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
Water Found Depth UOM: ft

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8 *1 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Technologies Canada, Ltd.*
400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA
ON
EBR

EBR Registry No: 012-5734
Ministry Ref No: 5762-9YMHNP
Notice Type: Instrument Decision
Notice Stage: 827424663
Notice Date: August 24, 2016
Proposal Date: November 16, 2015
Year: 2015
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: EMS Technologies Canada, Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 400 Maple Grove Road, Postal Station Postal Station, Ottawa Ontario, Canada K2V 1B8
Comment Period:
URL:

Site Location Details:

400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA

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8 *2 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Technologies Canada Ltd.*
400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA
ON
EBR

EBR Registry No: 011-4405
Ministry Ref No: 2111-8K4J33
Notice Type: Instrument Decision
Notice Stage: 803900838
Notice Date: August 29, 2012
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:

Proposal Date: August 12, 2011 *Site Location Map:*
Year: 2011
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: EMS Technologies Canada Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 400 Maple Grove Road, Ottawa Ontario, Canada K2V 1B8
Comment Period:
URL:

Site Location Details:

400 Maple Grove Road Ottawa K2V 1B8 CITY OF OTTAWA

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8 *3 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Technologies Canada Ltd.* **ECA**
400 Maple Grove Rd
Ottawa ON

Approval No: 6782-8XERXZ *MOE District:*
Approval Date: 8/23/2012 *City:* Ottawa
Status: Approved *Longitude:*
Record Type: *Latitude:*
Link Source: *Geometry X:*
SWP Area Name: *Geometry Y:*
Approval Type:
Project Type: Air/Noise
Address:
Full Address:
Full PDF Link:

---

8 *4 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Technologies Canada, Ltd.* **ECA**
400 Maple Grove Rd Kanata
Ottawa ON K2V 1B8

Approval No: 9029-ACMNGV *MOE District:* Ottawa
Approval Date: 2016-08-16 *City:*
Status: Approved *Longitude:* -75.90518
Record Type: ECA *Latitude:* 45.300774
Link Source: IDS *Geometry X:*
SWP Area Name: Mississippi Valley *Geometry Y:*
Approval Type: ECA-AIR
Project Type: AIR
Address: 400 Maple Grove Rd Kanata
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5762-9YMHNP-14.pdf

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8 *5 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Technologies Canada Ltd.* **ECA**
400 Maple Grove Rd
Ottawa ON K2V 1B8

Approval No: 6782-8XERXZ *MOE District:* Ottawa
Approval Date: 2012-08-23 *City:*
Status: Revoked and/or Replaced *Longitude:* -75.90518
Record Type: ECA *Latitude:* 45.300774
Link Source: IDS *Geometry X:*
SWP Area Name: Mississippi Valley *Geometry Y:*

Approval Type: ECA-AIR
Project Type: AIR
Address: 400 Maple Grove Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2111-8K4J33-14.pdf

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8 | 6 of 26 | WSW/167.0 | 98.2 / -4.29 | *400 Maple Grove Rd*
Ottawa ON K2V 1B8 | **EHS**

Order No: 20130102031
Status: C
Report Type: Custom Report
Report Date: 09-JAN-13
Date Received: 02-JAN-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.907165
Y: 45.297657

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8 | 7 of 26 | WSW/167.0 | 98.2 / -4.29 | *400 Maple Grove Road*
Ottawa ON K2V 1B8 | **EHS**

Order No: 20110601035
Status: C
Report Type: Standard Report
Report Date: 6/10/2011
Date Received: 6/1/2011 5:19:12 PM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches
Nearest Intersection: Maple Grove Road and Silver Seven Road
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.907077
Y: 45.297487

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8 | 8 of 26 | WSW/167.0 | 98.2 / -4.29 | *Honeywell Ltd*
400 Maple Grove Rd
Ottawa ON K2V 2B8 | **GEN**

Generator No: ON9193736
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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8 | 9 of 26 | WSW/167.0 | 98.2 / -4.29 | *Honeywell Ltd*
400 Maple Grove Rd
Ottawa ON K2V 2B8 | **GEN**

Generator No: ON9193736
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 238299
SIC Description: ALL OTHER BUILDING EQUIPMENT CONTRACTORS
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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8 *10 of 26* *WSW/167.0* *98.2 / -4.29* *Honeywell Ltd*
400 Maple Grove Rd
Ottawa ON K2V 2B8
GEN

Generator No: ON9193736
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 238299
SIC Description: ALL OTHER BUILDING EQUIPMENT CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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8 *11 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES*
400 MAPLE GROVE ROAD
OTTAWA ON K2V1B8
GEN

Generator No: ON5012180
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing

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

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

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8 *12 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES* *400 MAPLE GROVE ROAD* *OTTAWA ON* ***GEN***

Generator No: ON5012180
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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8 *13 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES AVIATION* *400 MAPLE GROVE ROAD* *OTTAWA ON K2V1B8* ***GEN***

Generator No:	ON5012180	*PO Box No:*	
Status:	Registered	*Country:*	Canada
Approval Years:	As of Dec 2018	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	263 C
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	263 H
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders

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8 *14 of 26* *WSW/167.0* *98.2 / -4.29*

EMS TECHNOLOGIES
400 MAPLE GROVE ROAD
OTTAWA ON K2V1B8

GEN

Generator No:	ON5012180	*PO Box No:*	
Status:		*Country:*	Canada
Approval Years:	2015	*Choice of Contact:*	CO_OFFICIAL
Contam. Facility:	No	*Co Admin:*	Blake Dewan
MHSW Facility:	No	*Phone No Admin:*	613-591-6040 Ext.1413
SIC Code:	336410		
SIC Description:	AEROSPACE PRODUCT AND PARTS MANUFACTURING		

Detail(s)

Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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8 *15 of 26* *WSW/167.0* *98.2 / -4.29*

EMS TECHNOLOGIES
400 MAPLE GROVE ROAD
OTTAWA ON K2V1B8

GEN

Generator No: ON5012180
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 336410
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Blake Dewan
Phone No Admin: 613-591-6040 Ext.1413

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 232

Waste Class Desc: POLYMERIC RESINS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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8 *16 of 26* *WSW/167.0* *98.2 / -4.29* *Morguard Investments Limited* **GEN**
400 Maple Grove
Kanata ON

Generator No: ON7277878 *PO Box No:*
Status: *Country:*
Approval Years: 2013 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 336410, 336320
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING, MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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8 *17 of 26* *WSW/167.0* *98.2 / -4.29* *Honeywell Ltd* **GEN**
400 Maple Grove Rd
Ottawa ON

Generator No: ON9193736 *PO Box No:*
Status: *Country:*
Approval Years: 2013 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 453999
SIC Description: ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT BEER AND WINE-MAKING SUPPLIES STORES)

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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8 *18 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES* **GEN**
400 MAPLE GROVE ROAD
OTTAWA ON K2V1B8

Generator No:	ON5012180	*PO Box No:*	
Status:		*Country:*	
Approval Years:	2012	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:	336410		
SIC Description:	Aerospace Product and Parts Manufacturing		

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

8	*19 of 26*	*WSW/167.0*	*98.2 / -4.29*	*Honeywell Ltd* *400 Maple Grove Rd* *Ottawa ON K2V 2B8*	***GEN***

Generator No:	ON9193736	*PO Box No:*	
Status:		*Country:*	Canada
Approval Years:	2015	*Choice of Contact:*	CO_OFFICIAL
Contam. Facility:	No	*Co Admin:*	
MHSW Facility:	No	*Phone No Admin:*	
SIC Code:	238299		
SIC Description:	ALL OTHER BUILDING EQUIPMENT CONTRACTORS		

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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8 *20 of 26* *WSW/167.0* *98.2 / -4.29* *Honeywell Ltd* *400 Maple Grove Rd* *Ottawa ON K2V 2B8* **GEN**

Generator No: ON9193736
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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8 *21 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES* *400 MAPLE GROVE ROAD* *OTTAWA ON* **GEN**

Generator No: ON5012180
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

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8 | *22 of 26* | *WSW/167.0* | *98.2 / -4.29* | *EMS TECHNOLOGIES*
400 MAPLE GROVE ROAD
OTTAWA ON | ***GEN***

Generator No: ON5012180
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing

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

Detail(s)

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	23 of 26	WSW/167.0	98.2 / -4.29	EMS TECHNOLOGIES 400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	GEN

Generator No:	ON5012180	*PO Box No:*	
Status:		*Country:*	Canada
Approval Years:	2016	*Choice of Contact:*	CO_OFFICIAL
Contam. Facility:	No	*Co Admin:*	Blake Dewan
MHSW Facility:	No	*Phone No Admin:*	613-591-6040 Ext.1413
SIC Code:	336410		
SIC Description:	AEROSPACE PRODUCT AND PARTS MANUFACTURING		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	24 of 26	WSW/167.0	98.2 / -4.29	EMS TECHNOLOGIES AVIATION 400 MAPLE GROVE ROAD OTTAWA ON K2V1B8	GEN

Generator No:	ON5012180	*PO Box No:*	
Status:	Registered	*Country:*	Canada
Approval Years:	As of Jul 2019	*Choice of Contact:*	
Contam. Facility:		*Co Admin:*	
MHSW Facility:		*Phone No Admin:*	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 148 B
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 263 C
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 263 H
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

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8 *25 of 26* *WSW/167.0* *98.2 / -4.29* *EMS TECHNOLOGIES*
400 MAPLE GROVE ROAD
OTTAWA ON **GEN**

Generator No: ON5012180
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

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

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 148

Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS

8 *26 of 26* *WSW/167.0* *98.2 / -4.29* *EMS Satcom*
400 Maple Grove Rd
Kanata ON K2V 1B8
SCT

Established:	01-JUN-68
Plant Size (ft²):	
Employment:	

--Details--

Description:	Audio and Video Equipment Manufacturing
SIC/NAICS Code:	334310
Description:	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
SIC/NAICS Code:	334220
Description:	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
SIC/NAICS Code:	334220

9 *1 of 1* *ENE/171.5* *109.8 / 7.35* *ON*
BORE

Borehole ID:	609659	*Inclin FLG:*	No
OGF ID:	215511275	*SP Status:*	Initial Entry
Status:		*Surv Elev:*	No
Type:	Borehole	*Piezometer:*	No
Use:		*Primary Name:*	
Completion Date:		*Municipality:*	
Static Water Level:	0.9	*Lot:*	
Primary Water Use:		*Township:*	
Sec. Water Use:		*Latitude DD:*	45.300254
Total Depth m:	-999	*Longitude DD:*	-75.902769
Depth Ref:	Ground Surface	*UTM Zone:*	18
Depth Elev:		*Easting:*	429221
Drill Method:		*Northing:*	5016702
Orig Ground Elev m:	114	*Location Accuracy:*	
Elev Reliabil Note:		*Accuracy:*	Not Applicable
DEM Ground Elev m:	111		
Concession:			
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218383751
Top Depth: 2.1
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Sandstone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SANDSTONE. WATER STABLE AT 372.0 FEET.LIMESTONE. SEISMIC VELOCITY = 13000. BEDRO
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218383750
Top Depth: .3
Bottom Depth: 2.1
Material Color:
Material 1: Gravel
Material 2: Stones
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL,STONES.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218383749
Top Depth: 0
Bottom Depth: .3
Material Color:
Material 1: Soil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SOIL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 021670 NTS_Sheet: 31G05D
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

10	*1 of 1*	*NW/175.4*	*106.7 / 4.17*	*Minto Developments Inc.* *Ottawa ON K1R 7Y2*	***ECA***

Approval No:	2530-6JULSK	*MOE District:*	Ottawa
Approval Date:	2005-12-16	*City:*	
Status:	Approved	*Longitude:*	-75.907265
Record Type:	ECA	*Latitude:*	45.301018
Link Source:	IDS	*Geometry X:*	
SWP Area Name:	Mississippi Valley	*Geometry Y:*	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2389-6H6RVZ-14.pdf		

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11 *1 of 4* *NW/182.4* *106.7 / 4.17* *580 Terry Fox Drive Kanata ON K2L 4B9* **EHS**

Order No:	20060704003	*Nearest Intersection:*	
Status:	C	*Municipality:*	
Report Type:	Custom Report	*Client Prov/State:*	ON
Report Date:	7/12/2006	*Search Radius (km):*	0.35
Date Received:	7/4/2006	*X:*	-75.907254
Previous Site Name:		*Y:*	45.301083
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

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11 *2 of 4* *NW/182.4* *106.7 / 4.17* *580 Terry Fox Dr Ottawa ON K2L4B9* **EHS**

Order No:	20160405134	*Nearest Intersection:*	
Status:	C	*Municipality:*	
Report Type:	Custom Report	*Client Prov/State:*	ON
Report Date:	11-APR-16	*Search Radius (km):*	.25
Date Received:	05-APR-16	*X:*	-75.907198
Previous Site Name:		*Y:*	45.300972
Lot/Building Size:			
Additional Info Ordered:			

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11 *3 of 4* *NW/182.4* *106.7 / 4.17* *BRIDGEPORT REALTY 580 TERRY FOX DRIVE OTTAWA ON K2L 4B9* **GEN**

Generator No:	ON3304117	*PO Box No:*	
Status:		*Country:*	Canada
Approval Years:	2015	*Choice of Contact:*	CO_OFFICIAL
Contam. Facility:	No	*Co Admin:*	
MHSW Facility:	No	*Phone No Admin:*	
SIC Code:	531310		
SIC Description:	REAL ESTATE PROPERTY MANAGERS		

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

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11 *4 of 4* *NW/182.4* *106.7 / 4.17* *Waste Management of Canada Corporation 580 terry Fox dr. Ottawa ON* **SPL**

Ref No:	3363-82QM8X	*Discharger Report:*	

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

Site No:		*Material Group:*	
Incident Dt:		*Health/Env Conseq:*	
Year:		*Client Type:*	
Incident Cause:	Pipe Or Hose Leak	*Sector Type:*	Motor Vehicle
Incident Event:		*Agency Involved:*	
Contaminant Code:	15	*Nearest Watercourse:*	
Contaminant Name:	HYDRAULIC OIL	*Site Address:*	
Contaminant Limit 1:		*Site District Office:*	
Contam Limit Freq 1:		*Site Postal Code:*	
Contaminant UN No 1:		*Site Region:*	
Environment Impact:	Confirmed	*Site Municipality:*	
Nature of Impact:	Soil Contamination	*Site Lot:*	
Receiving Medium:		*Site Conc:*	
Receiving Env:		*Northing:*	
MOE Response:	No Field Response	*Easting:*	
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	
MOE Reported Dt:	2/16/2010	*Site Map Datum:*	
Dt Document Closed:	2/18/2010	*SAC Action Class:*	Land Spills
Incident Reason:	Unknown - Reason not determined	*Source Type:*	
Site Name:	commercial customer<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Waste Management Canada: 15 L hydraulic oil to asphalt		
Contaminant Qty:	15 L		

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12 *1 of 1* *SW/205.9* *97.9 / -4.59* *Concession 2, Part of Lot 1, RP 4R-1195, Pats 1-4-5*
Ottawa (Kanata) ON **EHS**

Order No:	20060908004	*Nearest Intersection:*	Maple Grove Road and Silver Seven Road
Status:	C	*Municipality:*	Kanata
Report Type:	Waste Disposal Site Report	*Client Prov/State:*	ON
Report Date:	9/11/2006	*Search Radius (km):*	0.5
Date Received:	9/8/2006	*X:*	-75.907391
Previous Site Name:		*Y:*	45.297577
Lot/Building Size:	2.45 ha		
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

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13 *1 of 3* *W/211.3* *100.0 / -2.54* *DY4 SYSTEMS INC.*
PT.LOT 1/CONC.2, PALLADIUM DR.
KANATA CITY ON **CA**

Certificate #:	8-4137-96-
Application Year:	96
Issue Date:	7/10/1996
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	CAFETERIA KITCHEN EXHAUST SYSTEM
Contaminants:	Odour/Fumes
Emission Control:	No Controls

---

13 *2 of 3* *W/211.3* *100.0 / -2.54* *333 Palladium Dr*
Ottawa ON K2V1A6 **EHS**

Order No:	20170417135	*Nearest Intersection:*	

Status:	C	*Municipality:*	Ottawa
Report Type:	Standard Report	*Client Prov/State:*	ON
Report Date:	24-APR-17	*Search Radius (km):*	.25
Date Received:	17-APR-17	*X:*	-75.90853
Previous Site Name:		*Y:*	45.29955
Lot/Building Size:	6.24 acre		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

13	*3 of 3*	*W/211.3*	*100.0 / -2.54*	*DY4 SYSTEMS INC.* *333 PALLADIUM DRIVE NOT AVAILABLE* *OTTAWA ON K2V1A6*	***NPRI***

NPRI ID:	11820	*Org ID:*	103162
Other ID:		*Submit Date:*	5/27/2015
No Other ID:		*Last Modified:*	6/10/2015 10:59:04 AM
Track ID:	128883	*Contact ID:*	231424
Report ID:	53898	*Cont Type:*	MEM
Report Type:	NPRI	*Contact Title:*	
Rpt Type ID:	1	*Cont First Name:*	
Report Year:	2014	*Cont Last Name:*	
Not-Current Rpt?:	No	*Contact Position:*	
Yr of Last Filed Rpt:	2014	*Contact Fax:*	
Fac ID:	226114	*Contact Ph.:*	
Fac Name:	CURTISS WRIGHT CONTROLS EMBEDDED COMPUTING	*Cont Area Code:*	
Fac Address1:	333 PALLADIUM DRIVE	*Contact Tel.:*	
Fac Address2:	NOT AVAILABLE	*Contact Ext.:*	
Fac Postal Zip:	K2V1A6	*Cont Fax Area Cde:*	
Facility Lat:	45.29955	*Contact Fax:*	
Facility Long:	-75.90853	*Contact Email:*	
DLS (Last Filed Rpt):		*Latitude:*	45.29955
Facility DLS:		*Longitude:*	-75.90853
Datum:	1983	*UTM Zone:*	
Facility Cmnts:		*UTM Northing:*	
URL:	www.curtisswright.com	*UTM Easting:*	
No of Empl.:	294	*Waste Streams:*	
Parent Co.:		*No Streams:*	
No Parent Co.:		*Waste Off Sites:*	
Pollut Prev Cmnts:		*No Off Sites:*	
Stacks:		*Shutdown:*	
No of Stacks:		*No of Shutdown:*	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3344		
NAICS 4 Description:	Semiconductor and other electronic component manufacturing		
NAICS Code (6 digit):	334410		
NAICS 6 Description:	Semiconductor and other electronic component manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Lead (and its compounds)
Chem (fr):	Plomb (et ses composés)
Quantity:	.044
Unit:	kg

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
14	1 of 2	SW/246.1	96.9 / -5.62	KANATA CITY - FIRST LINE ROAD FIRST LINE RD/MAPLEGROVE DR. KANATA CITY ON	CA
Certificate #:		3-1353-90-			
Application Year:		90			
Issue Date:		7/20/1990			
Approval Type:		Municipal sewage			
Status:		Cancelled			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
14	2 of 2	SW/246.1	96.9 / -5.62	KANATA CITY MAPLE GROVE RD/FIRST LINE RD. KANATA CITY ON	CA
Certificate #:		7-0497-96-			
Application Year:		96			
Issue Date:		6/17/1996			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
15	1 of 6	SE/270.0	101.5 / -1.03	Mr. Lube Canada Inc. 639 Terry Fox Drive, Kanata Ottawa ON	CA
Certificate #:		0662-64SPJJ			
Application Year:		2004			
Issue Date:		9/17/2004			
Approval Type:		Industrial Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
15	2 of 6	SE/270.0	101.5 / -1.03	Mr. Lube Canada Inc. 639 Terry Fox Drive, Kanata Ottawa ON L5L 5Y7	ECA

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

Approval No:	0662-64SPJJ	*MOE District:*	Ottawa
Approval Date:	2004-09-17	*City:*	
Status:	Approved	*Longitude:*	-75.90212
Record Type:	ECA	*Latitude:*	45.298156999999996
Link Source:	IDS	*Geometry X:*	
SWP Area Name:	Mississippi Valley	*Geometry Y:*	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Address:	639 Terry Fox Drive, Kanata		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9471-62UQQR-14.pdf		

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15 *3 of 6* *SE/270.0* *101.5 / -1.03* *#120 - 639 Terry Fox Dr., Kanata, ON Kanata ON* **EHS**

Order No:	20150511180	*Nearest Intersection:*	
Status:	C	*Municipality:*	
Report Type:	Site Report	*Client Prov/State:*	ON
Report Date:	13-MAY-15	*Search Radius (km):*	.001
Date Received:	11-MAY-15	*X:*	-75.901592
Previous Site Name:		*Y:*	45.297525
Lot/Building Size:			
Additional Info Ordered:			

---

15 *4 of 6* *SE/270.0* *101.5 / -1.03* *MR LUBE 639 TERRY FOX DR KANATA ON K2L4H9* **RST**

Headcode:	00921430
Headcode Desc:	OIL CHANGES & LUBRICATION SERVICE
Phone:	6138317979
List Name:	INFO-DIRECT(TM) BUSINESS FILE
Description:	

---

15 *5 of 6* *SE/270.0* *101.5 / -1.03* *MR LUBE 639 TERRY FOX DR KANATA ON K2L 4H9* **RST**

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

---

15 *6 of 6* *SE/270.0* *101.5 / -1.03* *349977 Ontario Ltd. 639 Terry Fox Drive, Kanata Ottawa ON K2L 4H9* **SPL**

Ref No:	7728-89CLC7	*Discharger Report:*	
Site No:		*Material Group:*	
Incident Dt:		*Health/Env Conseq:*	
Year:		*Client Type:*	
Incident Cause:	Overflow (Tanks Lagoons)	*Sector Type:*	Tank Truck
Incident Event:		*Agency Involved:*	
Contaminant Code:	46	*Nearest Watercourse:*	
Contaminant Name:	WASTE OIL	*Site Address:*	
Contaminant Limit 1:		*Site District Office:*	
Contam Limit Freq 1:		*Site Postal Code:*	

Contaminant UN No 1:		*Site Region:*	
Environment Impact:	Not Anticipated	*Site Municipality:*	
Nature of Impact:	Other Impact(s)	*Site Lot:*	
Receiving Medium:		*Site Conc:*	
Receiving Env:		*Northing:*	NA
MOE Response:	No Field Response	*Easting:*	NA
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	
MOE Reported Dt:	9/16/2010	*Site Map Datum:*	
Dt Document Closed:		*SAC Action Class:*	Land Spills
Incident Reason:	Equipment Failure	*Source Type:*	
Site Name:	639 Terry Fox Drive, Kanata		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Lacombe Waste/Mr Lube, 100L waste oil to asphalt, cntnd		
Contaminant Qty:	100 L		

16 *1 of 1* *ESE/273.8* *101.5 / -1.03* *lot 30 con 12 OTTAWA ON* ***WWIS***

Well ID:	1535009	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:		*Date Received:*	9/2/2004
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Observation Wells	*Abandonment Rec:*	
Water Type:		*Contractor:*	1844
Casing Material:		*Form Version:*	3
Audit No:	Z11990	*Owner:*	
Tag:	A011958	*Street Name:*	44 EDGEWATERS STREET
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	GOULBOURN TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	030
Well Depth:		*Concession:*	12
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11172761	*Elevation:*	100.870429
DP2BR:		*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	o	*East83:*	429323
Code OB Desc:	Overburden	*North83:*	5016410
Open Hole:		*Org CS:*	UTM83
Cluster Kind:		*UTMRC:*	3
Date Completed:	7/19/2004	*UTMRC Desc:*	margin of error : 10 - 30 m
Remarks:		*Location Method:*	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932968739

Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932968740
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 5.2
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933253172
Layer: 1
Plug From: 0
Plug To: 0.15
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11181280
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930843016
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 0.3

Casing Diameter:	5.1
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933409105
Layer:	1
Slot:	10
Screen Top Depth:	0.3
Screen End Depth:	3
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.5

Water Details

Water ID:	934050462
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	1.15
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11305890
Diameter:	21
Depth From:	0
Depth To:	5.2
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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17 *1 of 2* *NW/277.4* *109.6 / 7.11* *578 Terry Fox Dr*
Kanata ON K2L 4G8
EHS

Order No:	20040714017	*Nearest Intersection:*	
Status:	C	*Municipality:*	
Report Type:	Complete Report	*Client Prov/State:*	ON
Report Date:	7/16/04	*Search Radius (km):*	0.35
Date Received:	7/15/04	*X:*	-75.908114
Previous Site Name:		*Y:*	45.302358
Lot/Building Size:			
Additional Info Ordered:			

---

17 *2 of 2* *NW/277.4* *109.6 / 7.11* *578 Terry Fox Dr*
Kanata ON K2L 4G8
EHS

Order No:	20061023029	*Nearest Intersection:*	
Status:	C	*Municipality:*	
Report Type:	Complete Report	*Client Prov/State:*	ON
Report Date:	10/31/2006	*Search Radius (km):*	0.25
Date Received:	10/23/2006	*X:*	-75.908716
Previous Site Name:		*Y:*	45.301753
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 12	SW/282.5	97.0 / -5.47	Ottawa Community Ice Partners 1565 Maple Grove Road Ottawa ON	CA

Certificate #: 3615-65HPM8
Application Year: 2004
Issue Date: 11/24/2004
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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	2 of 12	SW/282.5	97.0 / -5.47	Ottawa Community Ice Partners 1565 Maple Grove Rd Ottawa ON K0A 1L0	ECA

Approval No: 3615-65HPM8
Approval Date: 2004-11-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 1565 Maple Grove Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5878-64ZQS7-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	3 of 12	SW/282.5	97.0 / -5.47	1565 Maple Grove Rd. Kanata ON K2V 1A3	EHS

Order No: 20000612005
Status: C
Report Type: Site Report
Report Date: 6/13/00
Date Received: 6/12/00
Previous Site Name:
Lot/Building Size: 11 ha, Lot 1 Con 1
Additional Info Ordered:

Nearest Intersection: First Line Rd.
Municipality:
Client Prov/State: ON
Search Radius (km): 0.60
X: -75.910822
Y: 45.297455

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	4 of 12	SW/282.5	97.0 / -5.47	BELL SENS PLEX 1565 MAPLE GROVE ROAD KANATA ON K2V 1A3	GEN

Generator No: ON6025869
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 713940
SIC Description: Fitness and Recreational Sports Centres

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

18 *5 of 12* *SW/282.5* *97.0 / -5.47* *BELL SENS PLEX* *1565 MAPLE GROVE ROAD* *KANATA ON K2V 1A3* **GEN**

Generator No: ON6025869
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 713940
SIC Description: Fitness and Recreational Sports Centres

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

18 *6 of 12* *SW/282.5* *97.0 / -5.47* *BELL SENS PLEX* *1565 MAPLE GROVE ROAD* *KANATA ON K2V 1A3* **GEN**

Generator No: ON6025869
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 713940
SIC Description: Fitness and Recreational Sports Centres

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

18 *7 of 12* *SW/282.5* *97.0 / -5.47* *BELL SENS PLEX* *1565 MAPLE GROVE ROAD* *KANATA ON K2V 1A3* **GEN**

Generator No: ON6025869
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 713940
SIC Description: Fitness and Recreational Sports Centres

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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18 *8 of 12* *SW/282.5* *97.0 / -5.47* *Bell Sensplex* *1565 Maple Grove Rd* *Ottawa ON K2V 1A3* **GEN**

Generator No: ON7169732
Status: Registered

PO Box No:
Country: Canada

Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 150 L
Waste Class Desc: Inert organic wastes

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

---

18 *9 of 12* *SW/282.5* *97.0 / -5.47* *Peak Centre Kanata Inc.* *1565 Maple Grove Rd* *Kanata ON K2V 1A4* **GEN**

Generator No: ON9386358
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

18 *10 of 12* *SW/282.5* *97.0 / -5.47* *Peak Centre Kanata Inc.* *1565 Maple Grove Rd* *Kanata ON K2V 1A4* **GEN**

Generator No: ON9386358
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

18 *11 of 12* *SW/282.5* *97.0 / -5.47* *Peak Centre Kanata Inc.* *1565 Maple Grove Rd* *Kanata ON K2V 1A4* **GEN**

Generator No: ON9386358
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 713940
SIC Description: 713940
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Brian Kehoe
Phone No Admin: 6137377325 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 12 of 12 SW/282.5 97.0 / -5.47 1565 Maple Grove Ottawa ON **SPL**

Ref No: 3456-AUVHMH
Site No: NA
Incident Dt: 2018/01/10
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 99
Contaminant Name: WATER
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/01/10
Dt Document Closed:
Incident Reason: Material Failure - Poor Design/Substandard Material
Site Name: spill<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Tomlinson spill of rusty water 100 L
Contaminant Qty: 100 L

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: 1565 Maple Grove
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5016342
Easting: 428846
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type: Tank - Above Ground

---

19 1 of 12 WNW/284.0 100.1 / -2.44 308 PALLADIUM DRIVE OTTAWA ON **EHS**

Order No: 20070302009
Status: C
Report Type: CAN - Custom Report
Report Date: 3/12/2007
Date Received: 3/2/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.25
X: -75.909016
Y: 45.300648

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19 2 of 12 WNW/284.0 100.1 / -2.44 Bahram Mostaghaci & Mark McCullough DPC
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1 **GEN**

Generator No: ON8012375
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kendra March
Phone No Admin: 613-591-0834 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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19 *3 of 12* *WNW/284.0* *100.1 / -2.44*

Bahram Mostaghaci & Mark McCullough DPC
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

GEN

Generator No: ON8012375
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

19 *4 of 12* *WNW/284.0* *100.1 / -2.44*

Bahram Mostaghaci & Mark McCullough DPC
308 Palladium Drive, Suite 100
Kanata ON

GEN

Generator No: ON8012375
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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19 *5 of 12* *WNW/284.0* *100.1 / -2.44*

Bahram Mostaghaci & Mark McCullough DPC
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

GEN

Generator No: ON8012375
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264

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

Waste Class Desc: PHOTOPROCESSING WASTES

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19 *6 of 12* *WNW/284.0* *100.1 / -2.44* *Bahram Mostaghaci & Mark McCullough DPC* **GEN**
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

Generator No: ON8012375
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621210
SIC Description: Offices of Dentists

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

19 *7 of 12* *WNW/284.0* *100.1 / -2.44* *Bahram Mostaghaci & Mark McCullough DPC* **GEN**
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

Generator No: ON8012375
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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19 *8 of 12* *WNW/284.0* *100.1 / -2.44* *Dr Shadi Halim Dentistry Professional Cooperation* **GEN**
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

Generator No: ON8012375
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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19 *9 of 12* *WNW/284.0* *100.1 / -2.44* *Bahram Mostaghaci & Mark McCullough DPC* **GEN**
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1

Generator No: ON8012375
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

---

19 | *10 of 12* | *WNW/284.0* | *100.1 / -2.44* | *Dr Shadi Halim Dentistry Professional Cooperation*
308 Palladium Drive, Suite 100
Kanata ON K2V 1A1 | **GEN**

Generator No: ON8012375
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

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19 | *11 of 12* | *WNW/284.0* | *100.1 / -2.44* | *Xilinx Inc.*
308 Palladium Dr Suite 210
Ottawa ON K2V 1A1 | **SCT**

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code: 334410

Description: Engineering Services
SIC/NAICS Code: 541330

---

19 | *12 of 12* | *WNW/284.0* | *100.1 / -2.44* | *Electro Source Inc.*
308 Palladium Dr Suite 210
Kanata ON K2V 1A1 | **SCT**

Established: 01-SEP-84
Plant Size (ft²): 6000
Employment:

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

--Details--
Description: Wholesale Trade Agents and Brokers
SIC/NAICS Code: 419120

Description: Wholesale Trade Agents and Brokers
SIC/NAICS Code: 419120

---

20 1 of 3 WNW/284.2 99.1 / -3.42 Elk Property Management Limited GEN
350 Palladium Drive
Ottawa ON K1V 1A1

Generator No: ON5895824
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 262 L
Waste Class Desc: Detergents and soaps

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20 2 of 3 WNW/284.2 99.1 / -3.42 Peleton Photonics Systems Inc. SCT
350 Palladium Dr Suite 200
Kanata ON K2V 1A8

Established: 1998
Plant Size (ft²):
Employment:

--Details--
Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

---

20 3 of 3 WNW/284.2 99.1 / -3.42 Canada Inc. SCT
350 Palladium Dr
Kanata ON K2V 1A8

Established: 2005
Plant Size (ft²):
Employment: 15

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

---

21 1 of 2 ENE/286.8 113.6 / 11.07 BORE
ON

Borehole ID: 609666
OGF ID: 215511282
Status:
Type: Borehole

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No

Use:		*Primary Name:*	
Completion Date:	APR-1961	*Municipality:*	
Static Water Level:	2.4	*Lot:*	
Primary Water Use:		*Township:*	
Sec. Water Use:		*Latitude DD:*	45.300804
Total Depth m:	29.6	*Longitude DD:*	-75.901502
Depth Ref:	Ground Surface	*UTM Zone:*	18
Depth Elev:		*Easting:*	429321
Drill Method:		*Northing:*	5016762
Orig Ground Elev m:	115	*Location Accuracy:*	
Elev Reliabil Note:		*Accuracy:*	Not Applicable
DEM Ground Elev m:	113		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383767	*Mat Consistency:*	
Top Depth:	0	*Material Moisture:*	
Bottom Depth:	4.3	*Material Texture:*	
Material Color:		*Non Geo Mat Type:*	
Material 1:	Sand	*Geologic Formation:*	
Material 2:		*Geologic Group:*	
Material 3:		*Geologic Period:*	
Material 4:		*Depositional Gen:*	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218383768	*Mat Consistency:*	
Top Depth:	4.3	*Material Moisture:*	
Bottom Depth:	29.6	*Material Texture:*	
Material Color:	Grey	*Non Geo Mat Type:*	
Material 1:	Sandstone	*Geologic Formation:*	
Material 2:		*Geologic Group:*	
Material 3:		*Geologic Period:*	
Material 4:		*Depositional Gen:*	
Gsc Material Description:			
Stratum Description:	SANDSTONE. 00097. LIMESTONE. GREY. 00064T 372.0 FEET.LIMESTONE. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	*Source Appl:*	Spatial/Tabular
Source Orig:	Geological Survey of Canada	*Source Iden:*	1
Source Date:	1956-1972	*Scale or Res:*	Varies
Confidence:		*Horizontal:*	NAD27
Observatio:		*Verticalda:*	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02174 NTS_Sheet:		
Confiden 1:			

Source List

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	2 of 2	ENE/286.8	113.6 / 11.07	lot 1 con 2 ON	WWIS

Well ID:	1503299	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	6/7/1961
Sec. Water Use:	0	*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	
Water Type:		*Contractor:*	3504
Casing Material:		*Form Version:*	1
Audit No:		*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	001
Well Depth:		*Concession:*	02
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10025342	*Elevation:*	113.816101
DP2BR:	14	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	429320.6
Code OB Desc:	Bedrock	*North83:*	5016762
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	5
Date Completed:	4/25/1961	*UTMRC Desc:*	margin of error : 100 m - 300 m
Remarks:		*Location Method:*	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996513
Layer:	2
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	97
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996512

Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 14
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10573912
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043437
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043438
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503299
Pump Set At:
Static Level: 16
Final Level After Pumping: 80
Recommended Pump Depth: 80
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 15

Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID: 933456188
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
Water Found Depth UOM: ft

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22 *1 of 3* *N/287.8* *111.6 / 9.07* *Pearson Education Canada* **SCT**
16 Jarlan Terr
Kanata ON K2L 3L6

Established:
Plant Size (ft²):
Employment: 200

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22 *2 of 3* *N/287.8* *111.6 / 9.07* *PEARSON EDUCATION* **SCT**
16 Jarlan Terr
Kanata ON K2L 3L6

Established: 0000
Plant Size (ft²): 0
Employment: 200

--Details--
Description: Book Publishers
SIC/NAICS Code: 511130

---

22 *3 of 3* *N/287.8* *111.6 / 9.07* *ADDISON-WESLEY PUBLISHERS* **SCT**
16 JARLAN TERR
KANATA ON K2L 3L6

Established: 0000
Plant Size (ft²): 0
Employment: 200

--Details--
Description: Book Publishers
SIC/NAICS Code: 511130

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23 *1 of 4* *ESE/297.7* *103.6 / 1.06* *Imperial Oil Limited* **CA**
44 Edgewater St
Ottawa ON

Certificate #: 5092-7SAM3C
Application Year: 2009
Issue Date: 5/25/2009

Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

23	*2 of 4*	*ESE/297.7*	*103.6 / 1.06*	*44 Edgewater St* *Ottawa (Kanata) ON K2L 1V8*	**EHS**

Order No: 20040720009
Status: C
Report Type: Complete Report
Report Date: 7/29/04
Date Received: 7/20/04
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.900713
Y: 45.297365

23	*3 of 4*	*ESE/297.7*	*103.6 / 1.06*	*595623 ONTARIO INC IHSAN SANDHU O/A* *TERRY FOX TIGER EXPRESS* *44 EDGEWATER ST* *KANATA ON K2L 1V8*	**FSTH**

License Issue Date: 10/20/2003
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: 1992
Corrosion Protection:
Capacity: 48000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1992
Corrosion Protection:
Capacity: 48000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1992
Corrosion Protection:
Capacity: 48000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1992
Corrosion Protection:
Capacity: 48000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	4 of 4	ESE/297.7	103.6 / 1.06	595623 ONTARIO INC IHSAN SANDHU 44 EDGEWATER ST AT TERRY FOX DR KANATA ON	PRT

Location ID: 20358
Type: retail
Expiry Date: 1996-03-31
Capacity (L): 192000
Licence #: 0076436708

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 12	ESE/300.0	106.7 / 4.19	1029922 ONTARIO INC. 38 EDGEWATER STREET (SWM) KANATA ON K2L 1V8	CA

Certificate #: 3-0835-98-
Application Year: 98
Issue Date: 7/15/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	2 of 12	ESE/300.0	106.7 / 4.19	38 Edgewater Street Kanata ON K2L 1V8	EHS

Order No: 20050329003
Status: C
Report Type:
Report Date: 4/6/2005
Date Received: 3/29/2005
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.899739
Y: 45.297982

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	3 of 12	ESE/300.0	106.7 / 4.19	38 Edgewater Street Kanata ON K2L 1V8	EHS

Order No: 20190121034
Status: C
Report Type: Standard Report
Report Date: 24-JAN-19
Date Received: 21-JAN-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.900171
Y: 45.298117

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	4 of 12	ESE/300.0	106.7 / 4.19	38 Edgewater St Ottawa ON K2L1V8	EHS

Order No: 20141125006
Status: C
Report Type: Custom Report
Report Date: 28-NOV-14

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25

Date Received: 25-NOV-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
X: -75.900093
Y: 45.298289

---

24 *5 of 12* *ESE/300.0* *106.7 / 4.19* **GEN**

CHARTERWAYS TRANSPORT (OUT OF BUSINESS)
38 EDGEWATER DRIVE
KANATA ON K2L 1V8

Generator No: ON0053639
Status:
Approval Years: 95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4574
SIC Description: CHART./SIGHTSEEING

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

---

24 *6 of 12* *ESE/300.0* *106.7 / 4.19* **GEN**

CARLTON BUS LINES (ANTRIM) LIMITED
LOT 30 CONC. 12 38 EDGEWATER DRIVE
KANATA ON K2L 1V8

Generator No: ON0632701
Status:
Approval Years: 93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4574
SIC Description: CHART./SIGHTSEEING

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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24 *7 of 12* *ESE/300.0* *106.7 / 4.19* **GEN**

CARLTON BUS LINES (ANTRIM) LIMITED
38 EDGEWATER DRIVE LOT 30, CONCESSION 12
KANATA ON K2L 1V8

Generator No: ON0632701

PO Box No:

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

Status: *Country:*
Approval Years: 99,00,01 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 4574
SIC Description: CHART./SIGHTSEEING

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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24 *8 of 12* *ESE/300.0* *106.7 / 4.19* *CAPITAL EQUIPMENT CORP.(OUT OF BUSINESS)*
38 EDGEWATER STREET
KANATA ON K2L 1V8
GEN

Generator No: ON0050304 *PO Box No:*
Status: *Country:*
Approval Years: 98 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 3192
SIC Description: CONSTRTUCTION EQUIP.

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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24 *9 of 12* *ESE/300.0* *106.7 / 4.19* *CHARTERWAYS TRANSPORTATION LIMITED*
38 EDGEWATER DRIVE
KANATA ON K2L 1V8
GEN

Generator No: ON0053639 *PO Box No:*
Status: *Country:*
Approval Years: 94 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 4574
SIC Description: CHART./SIGHTSEEING

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	10 of 12	ESE/300.0	106.7 / 4.19	CAPITAL EQUIPMENT CORP. 38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	GEN

Generator No: ON0050304
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 3192
SIC Description: CONSTRTUCTION EQUIP.

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	11 of 12	ESE/300.0	106.7 / 4.19	CAPITAL (OUT OF BUSINESS) 08-756 38 EDGEWATER ST., KANATA C/O 2 ROYAL CREST ROAD ETOBICOKE ON K2L 1V8	GEN

Generator No: ON0050304
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 3192
SIC Description: CONSTRTUCTION EQUIP.

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	12 of 12	ESE/300.0	106.7 / 4.19	BOYER EQUIPMENT (OUT OF BUSINESS) 05-855 38 EDGEWATER STREET KANATA ON K2L 1V8	GEN

Generator No: ON1599300
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 3192
SIC Description: CONSTRTUCTION EQUIP.

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	1 of 24	W/300.0	97.9 / -4.62	Smart Technologies Inc. 501 Palladium Dr Ottawa ON	CA

Certificate #: 6307-7VGK4B
Application Year: 2009
Issue Date: 9/1/2009

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

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25 *2 of 24* *W/300.0* *97.9 / -4.62* *SMART TECHNOLOGIES ULC* **EASR**
501 PALLADIUM DR
KANATA ON K2V 0A2

Approval No: R-002-5333431771 *SWP Area Name:*
Status: REGISTERED *MOE District:*
Date: 2013-05-06 *City:* KANATA
Record Type: EASR *Latitude:*
Link Source: MOFA *Longitude:*
Project Type: Standby Power System *Geometry X:*
Full Address: *Geometry Y:*
Approval Type: EASR-Standby Power System
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6170

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25 *3 of 24* *W/300.0* *97.9 / -4.62* *SMART TECHNOLOGIES ULC* **EASR**
501 PALLADIUM DR
KANATA ON K2V 0A2

Approval No: R-003-8333521444 *SWP Area Name:*
Status: REGISTERED *MOE District:*
Date: 2013-05-06 *City:* KANATA
Record Type: EASR *Latitude:*
Link Source: MOFA *Longitude:*
Project Type: Heating System *Geometry X:*
Full Address: *Geometry Y:*
Approval Type: EASR-Heating System
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6171

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25 *4 of 24* *W/300.0* *97.9 / -4.62* *Smart Technologies Inc.* **EBR**
501 Palladium Drive Ottawa CITY OF OTTAWA
ON

EBR Registry No: 010-2596 *Decision Posted:*
Ministry Ref No: 8252-7AHRB8 *Exception Posted:*
Notice Type: Instrument Decision *Section:*
Notice Stage: *Act 1:*
Notice Date: September 08, 2009 *Act 2:*
Proposal Date: July 04, 2008 *Site Location Map:*
Year: 2008
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Smart Technologies Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 501 Palladium Drive, Ottawa Ontario, Canada K2V 0A2
Comment Period:
URL:

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

Site Location Details:

501 Palladium Drive Ottawa CITY OF OTTAWA

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25 *5 of 24* *W/300.0* *97.9 / -4.62* *Lockheed Martin Canada Inc* **EBR**
501 Palladium Drive Ottawa CITY OF OTTAWA
ON

EBR Registry No:	012-5923	*Decision Posted:*	
Ministry Ref No:	4021-9ZQRLY	*Exception Posted:*	
Notice Type:	Instrument Decision	*Section:*	
Notice Stage:	828900537	*Act 1:*	
Notice Date:	August 05, 2016	*Act 2:*	
Proposal Date:	December 02, 2015	*Site Location Map:*	
Year:	2015		

Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: Lockheed Martin Canada Inc
Site Address:
Location Other:
Proponent Name:
Proponent Address: 501 Palladium Drive, Ottawa Ontario, Canada K2V 0A2
Comment Period:
URL:

Site Location Details:

501 Palladium Drive Ottawa CITY OF OTTAWA

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25 *6 of 24* *W/300.0* *97.9 / -4.62* *Palladium Drive (Ottawa) Properties Inc.* **ECA**
501 Palladium Dr
Ottawa ON M9W 5P3

Approval No:	6298-6XBLN3	*MOE District:*	
Approval Date:	2007-02-01	*City:*	
Status:	Approved	*Longitude:*	
Record Type:	ECA	*Latitude:*	
Link Source:	IDS	*Geometry X:*	
SWP Area Name:		*Geometry Y:*	

Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: 501 Palladium Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9586-6U2QM2-14.pdf

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25 *7 of 24* *W/300.0* *97.9 / -4.62* *Smart Technologies Inc.* **ECA**
501 Palladium Dr
Ottawa ON K2V 0A2

Approval No:	6307-7VGK4B	*MOE District:*	
Approval Date:	2009-09-01	*City:*	
Status:	Approved	*Longitude:*	
Record Type:	ECA	*Latitude:*	
Link Source:	IDS	*Geometry X:*	
SWP Area Name:		*Geometry Y:*	

Approval Type: ECA-AIR
Project Type: AIR

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

Address: 501 Palladium Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8252-7AHRB8-14.pdf

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25 | 8 of 24 | W/300.0 | 97.9 / -4.62 | Lockheed Martin Canada Inc, 501 Palladium Dr, Ottawa ON K2V 0A2 | **ECA**

Approval No: 3662-AAJP45
Approval Date: 2016-07-22
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Address: 501 Palladium Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4021-9ZQRLY-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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25 | 9 of 24 | W/300.0 | 97.9 / -4.62 | 501 Palladium Drive, Ottawa ON | **EHS**

Order No: 20070213031
Status: C
Report Type: CAN - Complete Report
Report Date: 2/15/2007
Date Received: 2/13/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.35
X: -75.91115
Y: 45.29785

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25 | 10 of 24 | W/300.0 | 97.9 / -4.62 | 501 Palladium Drive, Ottawa ON | **EHS**

Order No: 20060907020
Status: C
Report Type: Complete Report
Report Date: 9/15/2006
Date Received: 9/7/2006
Previous Site Name:
Lot/Building Size: 257,788 SF
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection: Terry Fox Drive
Municipality:
Client Prov/State: ON
Search Radius (km): 0.4
X: -75.911395
Y: 45.297773

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25 | 11 of 24 | W/300.0 | 97.9 / -4.62 | 501 Palladium Dr, Ottawa ON K2V0E5 | **EHS**

Order No: 20160225032
Status: C
Report Type: Standard Report
Report Date: 02-MAR-16
Date Received: 25-FEB-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.910875
Y: 45.298239

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	12 of 24	W/300.0	97.9 / -4.62	501 Palladium Dr Kanata ON K2V 0A2	EHS

Order No: 20120313035
Status: C
Report Type: Custom Report
Report Date: 3/22/2012
Date Received: 3/13/2012
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.911635
Y: 45.298995

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	13 of 24	W/300.0	97.9 / -4.62	SMART Technologies 501 Palladium Drive Kanata ON K2V 0A2	GEN

Generator No: ON7097029
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 334290
SIC Description: Other Communications Equipment Manufacturing

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

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	14 of 24	W/300.0	97.9 / -4.62	SMART Technologies 501 Palladium Drive Kanata ON K2V 0A2	GEN

Generator No: ON7097029
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 334290
SIC Description: Other Communications Equipment Manufacturing

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 331

Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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25 *15 of 24* *W/300.0* *97.9 / -4.62* *LOCKHEED MARTIN CANADA*
501 PALLADIUM DRIVE
OTTAWA ON K2V 0A2
GEN

Generator No: ON4208002
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 241 L
Waste Class Desc: Halogenated solvents and residues

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

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25 *16 of 24* *W/300.0* *97.9 / -4.62* *LOCKHEED MARTIN CANADA*
501 PALLADIUM DRIVE
OTTAWA ON K2V 0A2
GEN

Generator No: ON4208002
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 336410
SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Richard S St Michael
Phone No Admin: 613-599-3270 Ext.3035

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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25 *17 of 24* *W/300.0* *97.9 / -4.62*

SMART Technologies
501 Palladium Drive
Kanata ON K2V 0A2

GEN

Generator No: ON7097029
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 334290
SIC Description: Other Communications Equipment Manufacturing

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

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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25 *18 of 24* *W/300.0* *97.9 / -4.62*

LOCKHEED MARTIN CANADA
501 PALLADIUM DRIVE
OTTAWA ON K2V 0A2

GEN

Generator No: ON4208002
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 336410

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Martin R Larose
Phone No Admin: 613-599-3270 Ext.3095

SIC Description: AEROSPACE PRODUCT AND PARTS MANUFACTURING

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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25 *19 of 24* *W/300.0* *97.9 / -4.62* *SMART Technologies*
501 Palladium Drive
Kanata ON K2V 0A2
GEN

Generator No: ON7097029 *PO Box No:*
Status: *Country:*
Approval Years: 2010 *Choice of Contact:*
Contam. Facility: *Co Admin:*
MHSW Facility: *Phone No Admin:*
SIC Code: 334290
SIC Description: Other Communications Equipment Manufacturing

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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25 *20 of 24* *W/300.0* *97.9 / -4.62* *SMART Technologies*
501 Palladium Drive
GEN

Kanata ON

Generator No: ON7097029
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 334290
SIC Description: OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

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

Detail(s)

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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25 *21 of 24* *W/300.0* *97.9 / -4.62* *SMART Technologies*
501 Palladium Drive
Kanata ON K2V 0A2
GEN

Generator No: ON7097029
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 334290
SIC Description: Other Communications Equipment Manufacturing

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331

Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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25 *22 of 24* *W/300.0* *97.9 / -4.62* *SMART Technologies*
501 Palladium Drive
Kanata ON K2V 0A2
GEN

Generator No: ON7097029
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 334290
SIC Description: OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Bruce Jackson
Phone No Admin: 613-963-5778 Ext.

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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25 *23 of 24* *W/300.0* *97.9 / -4.62* *LOCKHEED MARTIN CANADA*
501 PALLADIUM DRIVE
OTTAWA ON K2V 0A2
GEN

Generator No: ON4208002
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 241 L
Waste Class Desc: Halogenated solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			

25	*24 of 24*	*W/300.0*	*97.9 / -4.62*	*Smart Technologies* *501 Palladium Dr* *Kanata ON K2V 0A2*	***SCT***

Established: 01-JUN-89
Plant Size (ft²):
Employment:

--Details--
Description: Showcase, Partition, Shelving and Locker Manufacturing
SIC/NAICS Code: 337215

Description: Manufacturing and Reproducing Magnetic and Optical Media
SIC/NAICS Code: 334610

Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Unplottable Summary

Total: 94 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	KANATA CITY VALLEY-VU REALTY FORCEMAIN	FUTURE TERRY FOX DR. P.S.	KANATA CITY ON	
CA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Rd	Ottawa ON	
CA	GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D	M.T.O. ACCES RD/TERRY FOX DR.	KANATA CITY ON	
CA	Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road	Terry Fox Drive	Ottawa ON	
CA	KANATA RESEARCH PARK CORP.	TERRY FOX DR.,CROSS KEY, SWM	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY	FUTURE TERRY FOX DR.	KANATA CITY ON	
CA	KANATA CITY KANATA N. BUSINESS PARK	TERRY FOX DRIVE	KANATA CITY ON	
CA		Terry Fox Drive	Kanata ON	
CA	KANATA CITY	PT.LOT 3/CON.1, TERRY FOX DR.	KANATA CITY ON	
CA	TAYLOR DEVELOPMENTS	SHOPPING CEN., TERRY FOX DRIVE	KANATA CITY ON	
CA	CANADIAN TIRE REAL ESTATE LTD., GILPAUL	TERRY FOX DR.,GAS BAR SWM FAC.	KANATA CITY ON	
CA	KANATA CITY	TERRY FOX DRIVE	KANATA CITY ON	
CA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Rd	Ottawa ON	
CA	KANATA RESEARCH PARK CORPORATION	TERRY FOX DR. KANATA N. BUS. P	KANATA CITY ON	
CA	Maple Grove (Kanata) Inc.	Silver Seven Road	Ottawa ON	
CA	681353 ONTARIO INC.	McCURDY DR.	KANATA CITY ON	

CA	KANATA HYDRO	MAPLE GROVE ROAD	KANATA CITY ON
CA	Minto Developments Inc.		Ottawa ON
CA	KANATA HYDRO	MAPLE GROVE ROAD	KANATA CITY ON
CA	CAMPEAU CORP.	JARLAN TR.	KANATA ON
CA	KANATA CITY	KANATA COLISEUM EDGEWATER DR.	KANATA CITY ON
CA	Pensionfund Realty Limited		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Palladium Drive (Ottawa) Properties Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA		Part of Lot 1, Concession 1	Kanata ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
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CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	349977 Ontario Ltd.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	349977 Ontario Ltd.	Part 4, RP 5R-455	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA		Part of Lot 1, Concession 1	Kanata ON

CA	COLONNADE DEVELOPMENT INC.	PT.LOT 1/CON.2,MARCH TWP., SWM	KANATA CITY ON	
CA	MINTO DEVELOPMENTS INC.	KANATA NORTH BUS. PK. - (SWM)	KANATA CITY ON	
CA		Part of Lot 1, Concession 1	Kanata ON	
CA	Minto Developments Inc.		Ottawa ON	
CONV	IMPERIAL OIL LIMITED		DON MILLS ON	
CONV	349977 ONTARIO LTD		ON	
CONV	IMPERIAL OIL LIMITED		NORTH YORK ON	
CONV	349977 Ontario Ltd.		Ottawa ON	
CONV	SAFETY-KLEEN CANADA INCORPORATED		BRESLAU ON	
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	349977 Ontario Ltd.	Part 4, RP 5R-455	Ottawa ON	
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	City of Ottawa	Terry Fox Dr	Ottawa ON	K1P 1J1
SPL	349977 Ontario Ltd.	Buckingham QUEBEC	Ottawa ON	
SPL	Taggart Construction Limited	Maple Grove Rd	Ottawa ON	
SPL	Van's Industrial & Specialty Coatings<UNOFFICIAL>	Terry Fox Drive, Nepean	Ottawa ON	
SPL	PUC	TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD.	KANATA CITY ON	
WDS	Waste Management of Canada Corporation	Part 2, RP 4R-14808	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation		Ottawa ON	K0A 1L0
WWIS		lot 1	ON	
WWIS		con 1	ON	
WWIS		lot 1	ON	

WWIS	con 2	ON
WWIS	lot 1	ON
WWIS	lot 1	ON
WWIS	con 2	ON
WWIS	con 2	ON
WWIS	lot 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 2	ON

Unplottable Report

Site: *KANATA CITY VALLEY-VU REALTY FORCEMAIN*
FUTURE TERRY FOX DR. P.S. KANATA CITY ON

Database: **CA**

Certificate #: 3-1793-86-
Application Year: 86
Issue Date: 12/17/1986
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*
Terry Fox Drive from Statewood Drive to Second Line Rd Ottawa ON

Database: **CA**

Certificate #: 6465-8EQHE7
Application Year: 2011
Issue Date: 4/14/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D*
M.T.O. ACCES RD/TERRY FOX DR. KANATA CITY ON

Database: **CA**

Certificate #: 7-0939-91-
Application Year: 91
Issue Date: 8/2/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road*
Terry Fox Drive Ottawa ON

Database: **CA**

Certificate #: 1044-5E9JWT

Application Year: 02
Issue Date: 9/27/02
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: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: SWM Facility, quality and quantitay control with inlet and outlet sewers
Contaminants:
Emission Control:

Site: *KANATA RESEARCH PARK CORP.*
TERRY FOX DR.,CROSS KEY, SWM KANATA CITY ON

Database: ***CA***

Certificate #: 3-0087-96-
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: *KANATA CITY VALLEY-VU REALTY*
FUTURE TERRY FOX DR. KANATA CITY ON

Database: ***CA***

Certificate #: 7-1420-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *KANATA CITY KANATA N. BUSINESS PARK*
TERRY FOX DRIVE KANATA CITY ON

Database: ***CA***

Certificate #: 3-0786-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Database:* CA

Terry Fox Drive Kanata ON

Certificate #:	0854-4JBJN5
Application Year:	00
Issue Date:	4/13/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:	111 Lisgar Street
Client City:	Ottawa
Client Postal Code:	K2P 2L7
Project Description:	Extension of the watermain on Terry Fox Drive from Winchester Drive south to Michael Cowpland Drive, with a 400 mm diameter watermain.
Contaminants:	
Emission Control:	

Site: *KANATA CITY* *Database:* CA

PT.LOT 3/CON.1, TERRY FOX DR. KANATA CITY ON

Certificate #:	3-1095-94-
Application Year:	94
Issue Date:	10/4/1994
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: *TAYLOR DEVELOPMENTS* *Database:* CA

SHOPPING CEN., TERRY FOX DRIVE KANATA CITY ON

Certificate #:	7-1321-88-
Application Year:	88
Issue Date:	8/19/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: *CANADIAN TIRE REAL ESTATE LTD., GILPAUL* *Database:* CA

TERRY FOX DR.,GAS BAR SWM FAC. KANATA CITY ON

Certificate #:	3-0329-99-
Application Year:	99
Issue Date:	7/26/1999
Approval Type:	Municipal sewage
Status:	Cancelled
Application Type:	
Client Name:	

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

Site: *KANATA CITY*
TERRY FOX DRIVE KANATA CITY ON

Database: **CA**

Certificate #: 3-1806-87-
Application Year: 87
Issue Date: 10/5/1987
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*
Terry Fox Drive from Statewood Drive to Second Line Rd Ottawa ON

Database: **CA**

Certificate #: 1457-8EQHHL
Application Year: 2011
Issue Date: 4/14/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *KANATA RESEARCH PARK CORPORATION*
TERRY FOX DR. KANATA N. BUS. P KANATA CITY ON

Database: **CA**

Certificate #: 7-0653-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Maple Grove (Kanata) Inc.*
Silver Seven Road Ottawa ON

Database: **CA**

Certificate #: 7792-6ZBKEG

Application Year: 2007
Issue Date: 4/4/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *681353 ONTARIO INC.*
McCURDY DR. KANATA CITY ON

Database: ***CA***

Certificate #: 3-0357-87-
Application Year: 87
Issue Date: 4/6/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *KANATA HYDRO*
MAPLE GROVE ROAD KANATA CITY ON

Database: ***CA***

Certificate #: 7-0345-86-
Application Year: 86
Issue Date: 6/9/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 3360-7H3RCS
Application Year: 2008
Issue Date: 8/8/2008
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: *KANATA HYDRO*
MAPLE GROVE ROAD KANATA CITY ON

Database: ***CA***

Certificate #: 3-0477-86-
Application Year: 86
Issue Date: 9/8/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *CAMPEAU CORP.*
JARLAN TR. KANATA ON

Database: ***CA***

Certificate #: 7-0001-85-006
Application Year: 85
Issue Date: 1/22/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *KANATA CITY*
KANATA COLISEUM EDGEWATER DR. KANATA CITY ON

Database: ***CA***

Certificate #: 7-1652-89-
Application Year: 89
Issue Date: 10/3/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Pensionfund Realty Limited*
Ottawa ON

Database: ***CA***

Certificate #: 7231-7V9PFR
Application Year: 2009
Issue Date: 8/27/2009
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
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: *Palladium Drive (Ottawa) Properties Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 6298-6XBLN3
Application Year: 2007

Issue Date: 2/1/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
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:
Part of Lot 1, Concession 1 Kanata ON

Database: ***CA***

Certificate #: 6046-4FFRDH
Application Year: 00
Issue Date: 1/17/00
Approval Type: Municipal & Private sewage
Status: Amended
Application Type: New Certificate of Approval
Client Name: Nortel Networks Corporation
Client Address: 2 Constellation Crescent
Client City: Nepean
Client Postal Code: K2G 5J9
Project Description: Stormwater Management Facility - Nortel Palladium One
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
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: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 3403-5MAJ6D
Application Year: 2003
Issue Date: 5/9/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 9152-65XHVP
Application Year: 2004
Issue Date: 10/21/2004
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: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1530-6QQL2J
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005

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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1168-67AKKL
Application Year: 2004
Issue Date: 12/7/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 1297-6SPJ46
Application Year: 2006
Issue Date: 8/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 5840-6NRNJD
Application Year: 2006
Issue Date: 5/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 6380-6JGQ7B
Application Year: 2005
Issue Date: 12/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 7788-6XDSAP
Application Year: 2007
Issue Date: 1/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 4208-6J7J5T
Application Year: 2005
Issue Date: 11/17/2005
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 4309-6VTJMR
Application Year: 2006
Issue Date: 12/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*

Database: ***CA***

Ottawa ON

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
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: *349977 Ontario Ltd.*
Ottawa ON

Database: ***CA***

Certificate #: A860156
Application Year: 2010
Issue Date: 4/15/2010
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 7163-5SYQ3M
Application Year: 2003
Issue Date: 11/14/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 6002-7DAKG9
Application Year: 2008
Issue Date: 4/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
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: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 7355-6M4TMP
Application Year: 2006
Issue Date: 2/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 7043-6P2REB
Application Year: 2006
Issue Date: 4/20/2006
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: *349977 Ontario Ltd.*
Part 4, RP 5R-455 Ottawa ON

Database: **CA**

Certificate #: 5545-8ESPJ5
Application Year: 2011
Issue Date: 4/28/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: **CA**

Certificate #: 6733-5NSKZ9
Application Year: 2003
Issue Date: 6/23/2003
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:
Part of Lot 1, Concession 1 Kanata ON

Database: **CA**

Certificate #: 6046-4FFRDH
Application Year: 01
Issue Date: 2/1/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Nortel Networks Corporation
Client Address: 2 Constellation Crescent
Client City: Nepean
Client Postal Code: K2G 5J9
Project Description: This proposal is for modifications to the existing storm sewer and stormwater management system to accommodate an additional 1.0 hectares parking lot. Runoff from this new area will be attenuated by underground storage. No increase in the site release rate is proposed. Modifications to the wet pond outlet structure are proposed to increase the permanent pond volume.
Contaminants:
Emission Control:

Site: *COLONNADE DEVELOPMENT INC.*
PT.LOT 1/CON.2,MARCH TWP., SWM KANATA CITY ON

Database: ***CA***

Certificate #: 3-1582-95-966
Application Year: 95
Issue Date: 2/13/96
Approval Type: Municipal sewage
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *MINTO DEVELOPMENTS INC.*
KANATA NORTH BUS. PK. - (SWM) KANATA CITY ON

Database: ***CA***

Certificate #: 3-0979-95-
Application Year: 95
Issue Date: 9/15/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Part of Lot 1, Concession 1 Kanata ON

Database: ***CA***

Certificate #: 6046-4FFRDH
Application Year: 01
Issue Date: 4/9/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Nortel Networks Optical Components Corporation
Client Address: 500 Palladium Drive
Client City: Kanata

Client Postal Code: K2V 1C2
Project Description: Administrative Name Change
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database: ***CA***

Certificate #: 0523-7EVPTJ
Application Year: 2008
Issue Date: 8/21/2008
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: *IMPERIAL OIL LIMITED*
DON MILLS ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO COMPLY WITH CONDITIONS OF C. OF A.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: $6,000
Synopsis:

Site: *349977 ONTARIO LTD*
ON

Database: ***CONV***

File No:
Crown Brief No: 01-0136-0330
Court Location:
Publication City:
Publication Title:

Location:
Region: EASTERN REGION
Ministry District: OTTAWA

Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAIL TO CLEARLY MARK VEHICLE USED TO HAUL SEWAGE WITH "SEWAGE WASTE" ACCORDING TO THE STANDARDS.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 16 (1) (12)
Act/Regulation/Section: EPA- -16 (1) (12)
Date of Offence:
Date of Conviction:
Date Charged: 9/6/01
Charge Disposition: SUSPENDED SENTENCE
Fine: $305.00
Synopsis:

Site: *IMPERIAL OIL LIMITED*
NORTH YORK ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Location:
Region: EASTERN REGION
Ministry District:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO INSPECT OIL/WATER SEPARATOR WEEKLY & MAINTAIN LOG BOOK AT SITE
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: $4,000
Synopsis:

Additional Details

Publication Date:
Count: 1
Act: OWRA

Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: $1,000
Synopsis:

Site: *349977 Ontario Ltd.*
Ottawa ON

Database: ***CONV***

File No: 109022
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: An Ottawa waste services company was fined $100,000 for depositing waste on an unapproved site and failing to decontaminate a tanker contrary to a ministry approval and the Environmental Protection Act. "Polluters should be aware that the ministry"s Investigations and Enforcement Branch will vigorously pursue charges when our environmental laws are broken," said Environment Minister Jim Bradley. 349977 Ontario Ltd., operating as Lacombe Waste Services operates a waste transportation services under a ministry approval for a waste management system. The facility is located on Power Road in the City of Ottawa. The company was contracted to provide roll-off containers for a retrofit project to remove toilets and transport them for disposal. An investigation found the toilets were taken to the company"s transfer facility located on Power Road in Ottawa and later transferred to a former quarry on Bank Street. Lacombe deposited two loads of approximately 500 toilets wrapped in garbage bags, including materials that were not inert fill on Bank Street, a property that was not an approved waste disposal site. A separate investigation also found Lacombe failed to properly decontaminate tankers used to transport various liquid wastes. Ministry approval requires the tankers to be cleaned when different types of waste are to be hauled. The company failed to do so leaving a load of wastewater contaminated with industrial fuels and oils. In a global resolution, Lacombe was fined a total of $100,000 plus victim fine surcharges of $25,000. All fines were paid immediately after the conviction.

Background:
URL:

Additional Details

Publication Date:
Count:
Act: EPA
Regulation:
Section:
Act/Regulation/Section: EPA
Date of Offence:
Date of Conviction:
Date Charged: July 23, 2013
Charge Disposition: fine, victim fine surcharge
Fine: $100,000
Synopsis:

Additional Details

Publication Date:
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence:

Date of Conviction:
Date Charged: January 9, 2014
Charge Disposition: fine, victim fine surcharge
Fine: $3,500
Synopsis:

Site: *SAFETY-KLEEN CANADA INCORPORATED*
BRESLAU ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO COMPLY WITH TERMS AND CONDITIONS OF C. OF A.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 309
Section: 18(1)
Act/Regulation/Section: EPA-309-18(1)
Date of Offence:
Date of Conviction:
Date Charged: 5/12/93
Charge Disposition:
Fine: $20,000
Synopsis:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 145
Act/Regulation/Section: EPA- -145
Date of Offence:
Date of Conviction:
Date Charged: 5/12/93
Charge Disposition:
Fine: $20,000
Synopsis:

Site: *Minto Developments Inc.*
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 7163-5SYQ3M
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2997-5SKKCW-14.pdf

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Site: *349977 Ontario Ltd.*
Part 4, RP 5R-455 Ottawa ON

Database: **ECA**

Approval No: 7578-948QD8
Approval Date: 2/13/2013
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Address:
Full Address:
Full PDF Link:

MOE District:
City: Ottawa
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *Minto Developments Inc.*
Ottawa ON K1R 7Y2

Database: **ECA**

Approval No: 4490-5SYQAN
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *City of Ottawa*
Terry Fox Dr Ottawa ON K1P 1J1

Database: **ECA**

Approval No: 1044-5E9JWT
Approval Date: 2002-09-27
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Terry Fox Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6019-59QSAT-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *349977 Ontario Ltd.*
Buckingham QUEBEC Ottawa ON

Database: **SPL**

Ref No: 1588-97Z4MF
Site No:
Incident Dt: 23-MAY-13
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Non-Point Source (i.e. run-off)
Agency Involved:
Nearest Watercourse:
Site Address: Buckingham QUEBEC
Site District Office:
Site Postal Code:

Contaminant UN No 1:		*Site Region:*	
Environment Impact:	Not Anticipated	*Site Municipality:*	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	*Site Lot:*	
Receiving Medium:		*Site Conc:*	
Receiving Env:		*Northing:*	
MOE Response:	No Field Response	*Easting:*	
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	
MOE Reported Dt:	23-MAY-13	*Site Map Datum:*	
Dt Document Closed:		*SAC Action Class:*	Land Spills
Incident Reason:	Operator/Human Error	*Source Type:*	
Site Name:	ERCO Mondiial<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Request for EGN		
Contaminant Qty:	0 L		

Site: *Taggart Construction Limited*
Maple Grove Rd Ottawa ON

Database: ***SPL***

Ref No:	3642-AGCRUN	*Discharger Report:*	
Site No:	NA	*Material Group:*	
Incident Dt:	2016/12/01	*Health/Env Conseq:*	
Year:		*Client Type:*	
Incident Cause:		*Sector Type:*	Other
Incident Event:	Other	*Agency Involved:*	
Contaminant Code:	43	*Nearest Watercourse:*	
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	*Site Address:*	Maple Grove Rd
Contaminant Limit 1:		*Site District Office:*	
Contam Limit Freq 1:		*Site Postal Code:*	
Contaminant UN No 1:		*Site Region:*	
Environment Impact:		*Site Municipality:*	Ottawa
Nature of Impact:		*Site Lot:*	
Receiving Medium:		*Site Conc:*	
Receiving Env:	Surface Water	*Northing:*	5016168
MOE Response:	No	*Easting:*	428634
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	
MOE Reported Dt:	2016/12/05	*Site Map Datum:*	
Dt Document Closed:		*SAC Action Class:*	Watercourse Spills
Incident Reason:	Weather Conditions	*Source Type:*	
Site Name:	Pool Creek<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Taggart Construction - Sediment to Poole Creek		
Contaminant Qty:			

Site: *Van's Industrial & Specialty Coatings<UNOFFICIAL>*
Terry Fox Drive, Nepean Ottawa ON

Database: ***SPL***

Ref No:	2438-6GNMTJ	*Discharger Report:*	0
Site No:		*Material Group:*	Oil
Incident Dt:	9/28/2005	*Health/Env Conseq:*	
Year:		*Client Type:*	
Incident Cause:	Other Transport Accident	*Sector Type:*	Other Motor Vehicle
Incident Event:		*Agency Involved:*	
Contaminant Code:		*Nearest Watercourse:*	
Contaminant Name:	DIESEL FUEL	*Site Address:*	
Contaminant Limit 1:		*Site District Office:*	Ottawa
Contam Limit Freq 1:		*Site Postal Code:*	
Contaminant UN No 1:		*Site Region:*	
Environment Impact:	Not Anticipated	*Site Municipality:*	Ottawa
Nature of Impact:		*Site Lot:*	
Receiving Medium:	Land & Water	*Site Conc:*	
Receiving Env:		*Northing:*	
MOE Response:		*Easting:*	
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	

MOE Reported Dt:	9/28/2005	*Site Map Datum:*	
Dt Document Closed:		*SAC Action Class:*	Spills to Watercourses
Incident Reason:	Adverse Road Condition - Road faults	*Source Type:*	
Site Name:	East side of Terry Fox Drive, between March Road and Legget Drive<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Van's Cleaning, 40 L diesel to road, ditch, sewer		
Contaminant Qty:			

Site: *PUC*
TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD. KANATA CITY ON

Database: **SPL**

Ref No:	4874	*Discharger Report:*	
Site No:		*Material Group:*	
Incident Dt:	6/7/1988	*Health/Env Conseq:*	
Year:		*Client Type:*	
Incident Cause:	COOLING SYSTEM LEAK	*Sector Type:*	
Incident Event:		*Agency Involved:*	
Contaminant Code:		*Nearest Watercourse:*	
Contaminant Name:		*Site Address:*	
Contaminant Limit 1:		*Site District Office:*	
Contam Limit Freq 1:		*Site Postal Code:*	
Contaminant UN No 1:		*Site Region:*	
Environment Impact:		*Site Municipality:*	20103
Nature of Impact:		*Site Lot:*	
Receiving Medium:	LAND	*Site Conc:*	
Receiving Env:		*Northing:*	
MOE Response:		*Easting:*	
Dt MOE Arvl on Scn:		*Site Geo Ref Accu:*	
MOE Reported Dt:	6/7/1988	*Site Map Datum:*	
Dt Document Closed:		*SAC Action Class:*	
Incident Reason:	FIRE/EXPLOSION	*Source Type:*	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	KANATA HYDRO - 150 L MINERAL OIL (NO PCBS) TO GROUND.		
Contaminant Qty:			

Site: *Waste Management of Canada Corporation*
Part 2, RP 4R-14808 Ottawa ON K0A 1L0

Database: **WDS**

Certificate No:	A461002	*Total Area (ha):*	
Mob Unit Cert No:		*Landfill Cap (m³):*	
EBR Registry No:		*Transfer Area (ha):*	
Status:	Revoked and/or Replaced	*Transfer Cap (m³):*	
Facility Type:		*Transfer Cert No:*	
Record Type:	ECA	*Inciner. Area (ha):*	
Link Source:	IDS	*Inciner. Cap (t):*	
Project Type:	WASTE DISPOSAL SITES	*Process Area (m³):*	
Application Status:		*Process Cap (m³/d):*	
Issue Date:	2011-02-11	*Process Vol (m³):*	
Input Date:		*Process Feed (m³):*	
Date Received:		*Site Concession:*	
Est Closure Date:		*Site Region/County:*	
Mobile Capacity:		*SWP Area Name:*	Mississippi Valley
Mobile Units:		*MOE District:*	Ottawa
Mobile Description:		*District Office:*	
Prop City:		*Latitude:*	
Prop Postal:		*Longitude:*	
Prop Phone:		*Geometry X:*	
Serial Link:		*Geometry Y:*	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Part 2, RP 4R-14808		

Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL:

Site: *Waste Management of Canada Corporation*
Ottawa ON K0A 1L0

Database: ***WDS***

Certificate No:	A461002	*Total Area (ha):*	
Mob Unit Cert No:		*Landfill Cap (m³):*	
EBR Registry No:		*Transfer Area (ha):*	
Status:	Revoked and/or Replaced	*Transfer Cap (m³):*	
Facility Type:		*Transfer Cert No:*	
Record Type:	ECA	*Inciner. Area (ha):*	
Link Source:	IDS	*Inciner. Cap (t):*	
Project Type:	WASTE DISPOSAL SITES	*Process Area (m³):*	
Application Status:		*Process Cap (m³/d):*	
Issue Date:	2010-08-09	*Process Vol (m³):*	
Input Date:		*Process Feed (m³):*	
Date Received:		*Site Concession:*	
Est Closure Date:		*Site Region/County:*	
Mobile Capacity:		*SWP Area Name:*	Mississippi Valley
Mobile Units:		*MOE District:*	Ottawa
Mobile Description:		*District Office:*	
Prop City:		*Latitude:*	
Prop Postal:		*Longitude:*	
Prop Phone:		*Geometry X:*	
Serial Link:		*Geometry Y:*	

Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address:
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/8579-86NJFE-14.pdf

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Site:
lot 1 ON

Database: ***WWIS***

Well ID:	1531460	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	10/26/2000
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	

Water Type:		*Contractor:*	3323
Casing Material:		*Form Version:*	1
Audit No:	223453	*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	001
Well Depth:		*Concession:*	
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052994	*Elevation:*	
DP2BR:	17	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	9/26/2000	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931078555
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	17
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931078554
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	17

Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116631
Layer: 1
Plug From: 0
Plug To: 22
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10601564
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092745
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531460
Pump Set At:
Static Level: 10
Final Level After Pumping: 42
Recommended Pump Depth: 20
Pumping Rate: 25
Flowing Rate:
Recommended Pump Rate: 25
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:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934657597
Test Type: Recovery
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112907
Test Type: Recovery
Test Duration: 15
Test Level: 13
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914488
Test Type: Recovery
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397079
Test Type: Recovery
Test Duration: 30
Test Level: 11
Test Level UOM: ft

Water Details

Water ID: 933491927
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 25
Water Found Depth UOM: ft

Water Details

Water ID: 933491928
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1518121
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 1/26/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039992
DP2BR: 3
Spatial Status:
Code OB: v
Code OB Desc: Overburden below Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/6/1982
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931037421
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037422
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 90
Other Materials: VERY
Mat3: 73
Other Materials: HARD
Formation Top Depth: 3
Formation End Depth: 40
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037423
Layer: 3
Color: 7
General Color: RED
Mat1: 14
Most Common Material: HARDPAN
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588562
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069859
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069860
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 754
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518121
Pump Set At:
Static Level: 10
Final Level After Pumping: 40
Recommended Pump Depth:
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID:	934103441
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377777
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639257
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897301
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933474767
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Site:
lot 1 ON

Database:
WWIS

Well ID:	1533592	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	3/5/2003
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	
Water Type:		*Contractor:*	6574
Casing Material:		*Form Version:*	1
Audit No:	253935	*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	001
Well Depth:		*Concession:*	
Overburden/Bedrock:		*Concession Name:*	
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10537426	*Elevation:*	
DP2BR:	7	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	10/2/2002	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932905302
Layer:	5
Color:	1
General Color:	WHITE
Mat1:	20
Most Common Material:	QUARTZITE
Mat2:	46
Other Materials:	QUARTZ
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	340
Formation End Depth:	450
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932905300
Layer:	3
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	46
Other Materials:	QUARTZ
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	190
Formation End Depth:	270
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932905301
Layer:	4
Color:	4
General Color:	GREEN
Mat1:	46
Most Common Material:	QUARTZ
Mat2:	85
Other Materials:	SOFT
Mat3:	

Other Materials:
Formation Top Depth: 270
Formation End Depth: 340
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932905298
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932905299
Layer: 2
Color: 1
General Color: WHITE
Mat1: 46
Most Common Material: QUARTZ
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 7
Formation End Depth: 190
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933236160
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11085996
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097280
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 450
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097279
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533592
Pump Set At:
Static Level: 10
Final Level After Pumping: 300
Recommended Pump Depth: 300
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934664873
Test Type: Draw Down
Test Duration: 45
Test Level: 300
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934120739
Test Type: Draw Down
Test Duration: 15
Test Level: 300
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934395593
Test Type: Draw Down
Test Duration: 30
Test Level: 300
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934913000
Test Type:	Draw Down
Test Duration:	60
Test Level:	300
Test Level UOM:	ft

Water Details

Water ID:	934030914
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	398
Water Found Depth UOM:	ft

Water Details

Water ID:	934030913
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1523598	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	8/28/1989
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	
Water Type:		*Contractor:*	1558
Casing Material:		*Form Version:*	1
Audit No:	50820	*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	
Well Depth:		*Concession:*	02
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045372	*Elevation:*	
DP2BR:	4	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	7/4/1989	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931055149
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 21
Other Materials: GRANITE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 52
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055148
Layer: 2
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 90
Other Materials: VERY
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4
Formation End Depth: 52
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055147
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593942
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079379
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079381
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079380
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523598
Pump Set At:
Static Level: 5
Final Level After Pumping: 60
Recommended Pump Depth: 80
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
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

Draw Down & Recovery

Pump Test Detail ID: 934105538
Test Type: Draw Down
Test Duration: 15

Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389764
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650744
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907949
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933481923
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 92
Water Found Depth UOM: ft

Water Details

Water ID: 933481922
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Site:
lot 1 ON

Database: ***WWIS***

Well ID: 1523480
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 45121
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 6/13/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 4879
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045255
DP2BR: 16
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/16/1989
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931054757
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054761
Layer: 5
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 47
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054758
Layer: 2
Color: 2
General Color: GREY
Mat1: 05

Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 16
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054760
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 23
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054759
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 16
Formation End Depth: 22
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110334
Layer: 1
Plug From: 8
Plug To: 25
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593825
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930079184
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930079185
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	47
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523480
Pump Set At:	
Static Level:	3
Final Level After Pumping:	46
Recommended Pump Depth:	30
Pumping Rate:	150
Flowing Rate:	
Recommended Pump Rate:	10
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

Draw Down & Recovery

Pump Test Detail ID:	934907416
Test Type:	Recovery
Test Duration:	60
Test Level:	3
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934650213
Test Type:	Recovery
Test Duration:	45
Test Level:	3
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934105005

Test Type:	Recovery
Test Duration:	15
Test Level:	3
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934389653
Test Type:	Recovery
Test Duration:	30
Test Level:	3
Test Level UOM:	ft

Water Details

Water ID:	933481764
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33
Water Found Depth UOM:	ft

Site:

lot 1 ON

Database: ***WWIS***

Well ID:	1526858	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Domestic	*Date Received:*	10/20/1992
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Water Supply	*Abandonment Rec:*	
Water Type:		*Contractor:*	3323
Casing Material:		*Form Version:*	1
Audit No:	NA	*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	001
Well Depth:		*Concession:*	
Overburden/Bedrock:		*Concession Name:*	
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048546	*Elevation:*	
DP2BR:	7	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	6/12/1986	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931065369
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	81
Other Materials:	SANDY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931065370
Layer:	2
Color:	7
General Color:	RED
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	265
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933112002
Layer:	1
Plug From:	0
Plug To:	18
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10597116
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930084998
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21

Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526858
Pump Set At:
Static Level: 10
Final Level After Pumping: 150
Recommended Pump Depth: 240
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934910779
Test Type: Recovery
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109022
Test Type: Recovery
Test Duration: 15
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653169
Test Type: Recovery
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392656
Test Type: Recovery
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933486308
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 200
Water Found Depth UOM: ft

Site:

con 2 ON

Database: ***WWIS***

Well ID:	1529326	*Data Entry Status:*	
Construction Date:		*Data Src:*	1
Primary Water Use:	Not Used	*Date Received:*	2/14/1997
Sec. Water Use:		*Selected Flag:*	Yes
Final Well Status:	Abandoned-Other	*Abandonment Rec:*	
Water Type:		*Contractor:*	6844
Casing Material:		*Form Version:*	1
Audit No:	169519	*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	
Well Depth:		*Concession:*	02
Overburden/Bedrock:		*Concession Name:*	
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10050862	*Elevation:*	
DP2BR:		*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	o	*East83:*	
Code OB Desc:	Overburden	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	1/8/1997	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931072403
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	46
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114293
Layer:	1
Plug From:	0
Plug To:	9

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114294
Layer: 2
Plug From: 9
Plug To: 33
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114295
Layer: 3
Plug From: 33
Plug To: 46
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10599432
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088790
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 46
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1523596
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 50821
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 8/28/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 02

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

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

Bore Hole Information

Bore Hole ID: 10045370
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/4/1989
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931055141
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 21
Other Materials: GRANITE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 65
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055140
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 90
Other Materials: VERY
Mat3: 73
Other Materials: HARD
Formation Top Depth: 5
Formation End Depth: 65
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055139
Layer: 1
Color: 6

General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593940
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079375
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079374
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079376
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523596
Pump Set At:
Static Level: 5
Final Level After Pumping: 30
Recommended Pump Depth: 60
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
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

Draw Down & Recovery

Pump Test Detail ID: 934650742
Test Type: Draw Down
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389762
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105536
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907947
Test Type: Draw Down
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933481920
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 96
Water Found Depth UOM: ft

Site:
lot 1 ON

Database: ***WWIS***

Well ID: 1530972
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src: 1
Date Received: 12/20/1999

Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 210381
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: Yes
Abandonment Rec:
Contractor: 4877
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052506
DP2BR: 99
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/24/1999
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931077109
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 25
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077111
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:
Other Materials:

Formation Top Depth: 99
Formation End Depth: 164
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077112
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 164
Formation End Depth: 177
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077110
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 99
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116141
Layer: 1
Plug From: 0
Plug To: 85
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10601076
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091727
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 177
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091726
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 101
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091725
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 101
Casing Diameter: 9
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530972
Pump Set At:
Static Level: 40
Final Level After Pumping: 150
Recommended Pump Depth: 160
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934664693
Test Type: Recovery
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934395411
Test Type: Recovery

Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934120555
Test Type: Recovery
Test Duration: 15
Test Level: 85
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903872
Test Type: Recovery
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933491294
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 163
Water Found Depth UOM: ft

Water Details

Water ID: 933491293
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 129
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1532041
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 230148
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/18/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10516491	*Elevation:*	
DP2BR:	7	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	6/27/2001	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na

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

Overburden and Bedrock Materials Interval

Formation ID:	932831645
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932831647
Layer:	3
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	74
Other Materials:	LAYERED
Mat3:	
Other Materials:	
Formation Top Depth:	45
Formation End Depth:	150
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932831646
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	45
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 933219499
Layer: 1
Plug From: 0
Plug To: 21
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11065061
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093964
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093963
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991532041
Pump Set At:
Static Level: 7
Final Level After Pumping: 65
Recommended Pump Depth: 90
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1

Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934398270
Test Type: Draw Down
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934916651
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659764
Test Type: Draw Down
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934115211
Test Type: Draw Down
Test Duration: 15
Test Level: 148
Test Level UOM: ft

Water Details

Water ID: 934008115
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 40
Water Found Depth UOM: ft

Water Details

Water ID: 934008116
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 143
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1520316
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:

Data Entry Status:
Data Src: 1
Date Received: 1/9/1986
Selected Flag: Yes
Abandonment Rec:
Contractor: 3323

Casing Material:		*Form Version:*	1
Audit No:		*Owner:*	
Tag:		*Street Name:*	
Construction Method:		*County:*	OTTAWA-CARLETON
Elevation (m):		*Municipality:*	MARCH TOWNSHIP
Elevation Reliability:		*Site Info:*	
Depth to Bedrock:		*Lot:*	
Well Depth:		*Concession:*	01
Overburden/Bedrock:		*Concession Name:*	CON
Pump Rate:		*Easting NAD83:*	
Static Water Level:		*Northing NAD83:*	
Flowing (Y/N):		*Zone:*	
Flow Rate:		*UTM Reliability:*	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10042159	*Elevation:*	
DP2BR:	5	*Elevrc:*	
Spatial Status:		*Zone:*	18
Code OB:	r	*East83:*	
Code OB Desc:	Bedrock	*North83:*	
Open Hole:		*Org CS:*	
Cluster Kind:		*UTMRC:*	9
Date Completed:	4/19/1984	*UTMRC Desc:*	unknown UTM
Remarks:		*Location Method:*	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931044375
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931044376
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	205
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590729
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073579
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073578
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520316
Pump Set At:
Static Level: 30
Final Level After Pumping: 160
Recommended Pump Depth: 160
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933477526
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1531070
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 208553
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/19/2000
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: MARCH TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052604
DP2BR: 2
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 3/30/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931077410
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077411
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 200
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116248
Layer: 1
Plug From: 0
Plug To: 21
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10601174
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091941
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 200
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091940
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991531070
Pump Set At:	
Static Level:	22
Final Level After Pumping:	200
Recommended Pump Depth:	175
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934913319
Test Type:	Draw Down
Test Duration:	60
Test Level:	200
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934395492
Test Type:	Draw Down
Test Duration:	30
Test Level:	125
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934665191
Test Type:	Draw Down
Test Duration:	45
Test Level:	175
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934120637
Test Type:	Draw Down
Test Duration:	15
Test Level:	100
Test Level UOM:	ft

Water Details

Water ID:	933491421
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	150
Water Found Depth UOM:	ft

Water Details

Water ID:	933491422
Layer:	2
Kind Code:	5
Kind:	Not stated

Water Found Depth:	187
Water Found Depth UOM:	ft

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 2018

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jul 31, 2019

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

*Government Publication Date: 1985-Oct 30, 2011**

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 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-Jul 31, 2019

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Mar 2019

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-Jul 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Aug 31, 2019

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 - Oct 2018

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-Aug 31, 2019

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-Aug 31, 2019

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-Aug 31, 2019

Environmental Effects Monitoring: Federal EEM

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

*Government Publication Date: 1992-2007**

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jul 31, 2019

Environmental Issues Inventory System: Federal EIIS

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

*Government Publication Date: 1992-2001**

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of TSSA Expired Facilities: Provincial EXP

List of facilities and tanks - for which there was once a registration - no longer 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 from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

*Government Publication Date: 1988-Jun 2007**

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-May 2019

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

*Government Publication Date: 2006-June 2009**

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

*Government Publication Date: 1950-Aug 2003**

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

*Government Publication Date: 1998-2009**

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2019

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, 2017

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

*Government Publication Date: Up to May 2001**

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

*Government Publication Date: 2001-Apr 2007**

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the 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 31, 2018

National Energy Board Wells: Federal NEBP

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

*Government Publication Date: 1920-Feb 2003**

National Environmental Emergencies System (NEES): Federal NEES

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

*Government Publication Date: 1974-2003**

National PCB Inventory: Federal NPCB

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

*Government Publication Date: 1988-2008**

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2019

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2019

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-Aug 31, 2019

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

*Government Publication Date: 1920-Jan 2005**

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2019

TSSA Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Aug 31, 2019

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2019

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-Jul 31, 2019

Scott's Manufacturing Directory: Private SCT

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

*Government Publication Date: 1992-Mar 2011**

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Feb 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

*Government Publication Date: 1915-1953**

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

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.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Aug 31, 2019

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: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX V

GOVERNMENT AND REGULATORY INFORMATION

MINISTRY OF THE ENVIRONMENT - WASTE MANAGEMENT BRANCH
PCB SITE INVENTORY SYSTEM - MAJOR AND MINOR SITES REPORT
FILE: MAIN PRINTED: 95/04/04

RTED BY REGION, BY DISTRICT BY SITE NAME

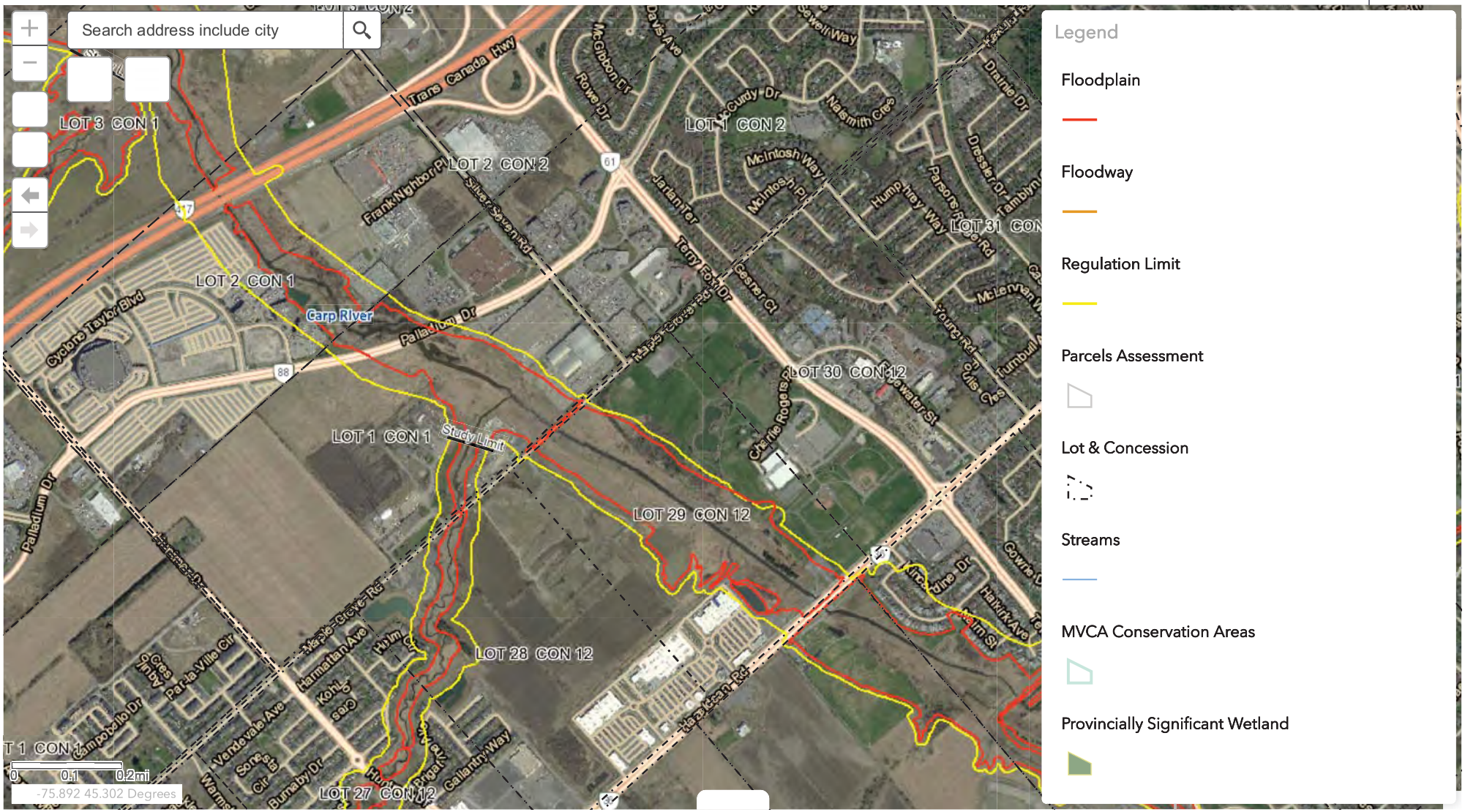
E REGION: 04 EASTERN
STRICT : 402 OTTAWA

COMPANY/ SITE NUMBER	ADDRESS	MOE REGION / COUNTY / MUNICIPALITY	MINOR SITE (LT 1 TONNE) LIQUID TOTAL (IN TONNES)	MAJOR SITE (GE 1 TONNE) LIQUID TOTAL (IN TONNES)
EGANVILLE PUBLIC UTILITY COMMISSION 40292A002	LOT 17, CONC 8 VILLAGE OF EGANVILLE	EASTERN RENFREW PEMBROKE	.4 * M	
ENTERPRISE PROPERTY GROUP LTD. 40294A024	2277 RIVERSIDE DRIVE, SUITE 208 BILLINGS BRIDGE PLAZA OTTAWA	EASTERN OTTAWA-CARLTON OTTAWA-CARLETON	*	
GLOBE REALTY MANAGEMENT LTD 40294A010	90 SPARKS STREET OTTAWA	EASTERN OTTAWA-CARLTON OTTAWA-CARLETON	* M	
GLOUCESTER HYDRO 40288A228	4565 BANK STREET GLOUCESTER	EASTERN OTTAWA-CARLTON GLOUCESTER		2.838 * M
GOULBOURN HYDRO 40291A008	LOT 23, CONCESSION 3 9 MURRAY ST. TOWNSHIP OF GOULBOURN	EASTERN OTTAWA-CARLTON GOULBOURN TWP	.1 * M	
GRACE GENERAL HOSPITAL 40290A022	1156 WELLINGTON STREET OTTAWA	EASTERN OTTAWA-CARLTON OTTAWA	.2 * M S	
HERSHEY CHOCOLATE 40288A231	HERSHEY DRIVE SMITHS FALLS	EASTERN LANARK SMITHS FALLS	* M	
HYDRO ELECTRIC COMMISION OF DEEP RIVER 40293A015		EASTERN RENFREW RENFREW	* M	
KANATA HYDRO 40288A235	100 MAPLE GROVE ROAD KANATA	EASTERN OTTAWA-CARLTON KANATA	M	1.953 *
LANARK COUNTY BOARD OF EDUCATION	ISABELLA STREET	EASTERN		

CODES: * = ACCORDING TO DATA, M = ACCORDING TO MAJOR FLAG, S = SENSITIVE SITE

Mississippi Valley Conservation Authority

MVCA Regulation Public Mapping Browser



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

www.tssa.org

07 October 2019

Gregory Sabourin
TERRAPEX ENVIRONMENTAL LTD.
Suite 1
20 Gurdwara
OTTAWA ON K2E 8B3

Subject: **90 Maple Grove, Ottawa, Ontario**
Your File No.: **CO738.00**
SR No.: **2682434**

Dear Madam/Sir:

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

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

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

Yours truly,

Roxana Suarez-Mashtaler
Public Information Services

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

Ministère de l'Environnement, de la Protection de la nature et des Parcs

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

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

Ontario

September 25, 2019

Greg Sabourin
Terrapex Environmental Ltd.
20 Gurdwara Road
Ottawa, ON K2E 8B3

Dear Greg Sabourin:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2019-06179, Your Reference CO738.00

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 90 Maple Grove, Ottawa.

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

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

If you have any questions regarding this matter, please contact Sharon Menzies at (416) 327-1429 or Sharon.Menzies@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

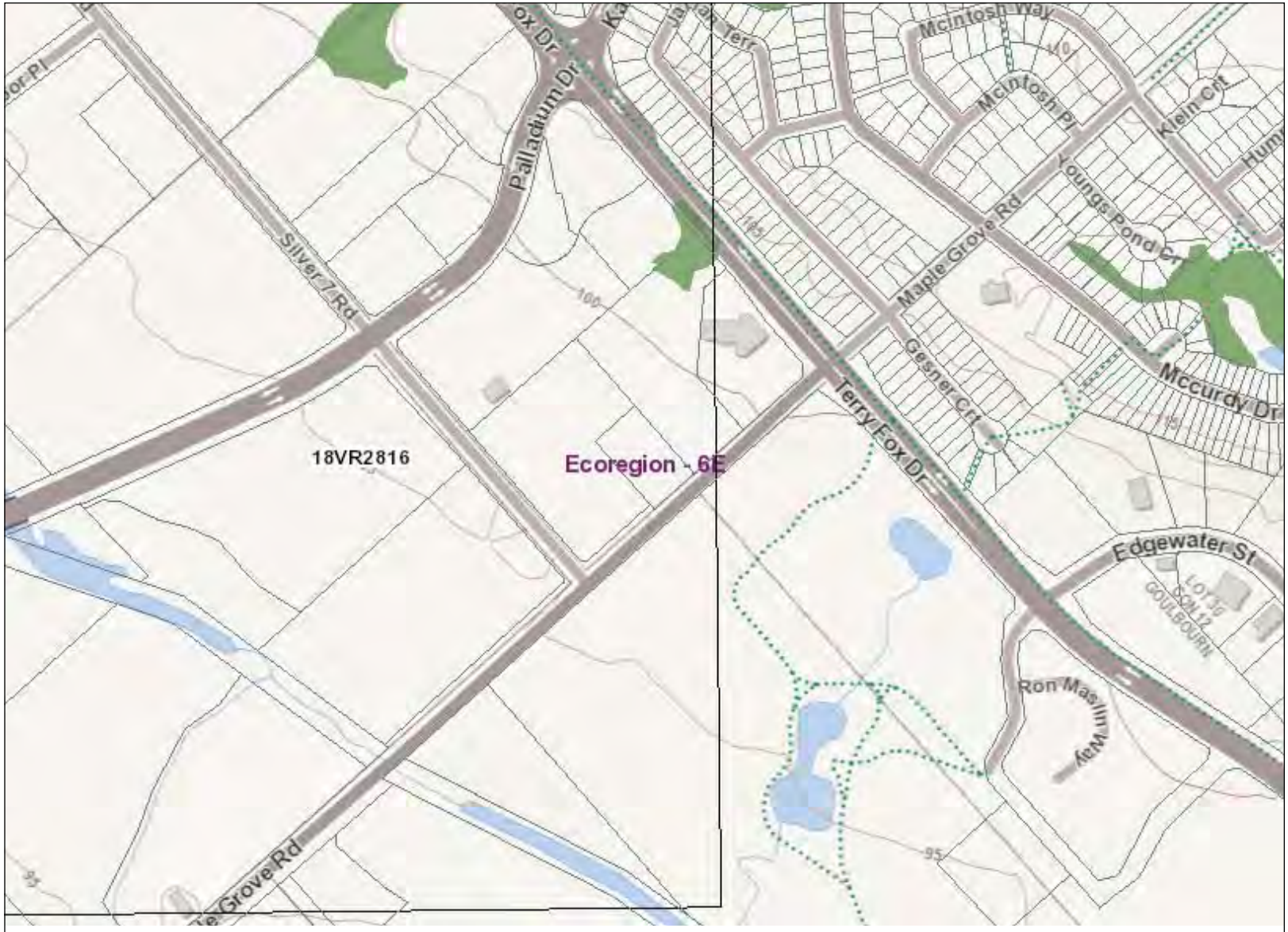
Ontario

Ministry of Natural Resources and Forestry

Make-a-Map: Natural Heritage Areas

CO738.00 - 90 Maple Grove Road Ottawa ON

Notes:



Legend

- Assessment Parcel
- Woodland
- Conservation Reserve
- Provincial Park
- Natural Heritage System
- Ecoregion

Wetland
- Provincially Significant Wetland Evaluated
- Non - Provincially Significant Wetland Evaluated
- Unevaluated Wetland

Area of Natural Heritage & Scientific Interest (ANSI)
- Provincially Significant Life Science ANSI
- Provincially Significant Earth Science ANSI

Greenbelt Plan
- Boundary
- River Valley Connections

Land Use Designations
- Protected Countryside
- Towns and Villages
- Hamlets
- Urban River Valley
- Specialty Crop Area

Niagara Escarpment Plan (NEP)
- Boundary
- Parks and Open Space System

Land Use Designations
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Mineral Resource Extraction Area
- Escarpment Recreation Area
- Urban Area
- Minor Urban Centre

Oak Ridges Moraine Conservation Plan (ORM)
- Boundary

Land Use Designations
- Natural Core Area
- Natural Linkage Area
- Countryside Area
- Rural Settlement
- Palgrave Estates Residential Community
- Settlement Area

0.3 0 0.16 0.3 Kilometers

This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Natural Resources and Forestry(OMNRF) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

APPENDIX VI

AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

TERRAPEX

1976 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 200m 400m

SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VI-1

TERRAPEX

1983 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 200m 400m

SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VI-2

TERRAPEX

1991 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 200m 400m

SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VI-3

TERRAPEX

2005 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 200m 400m

SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	
DRAWING #	FIGURE VI-5

TERRAPEX

2002 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE

0 200m 400m

SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VI-4

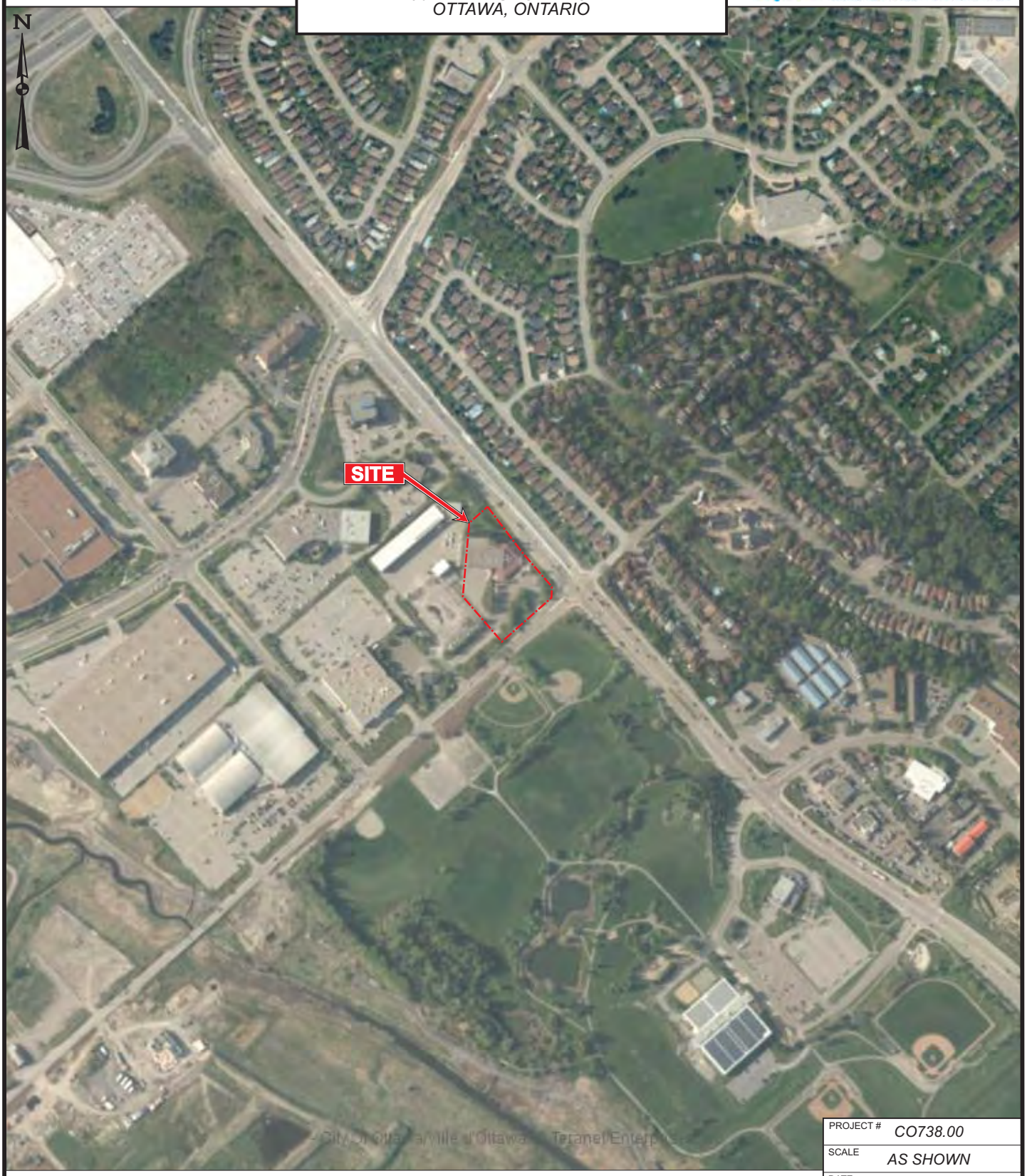
TERRAPEX

2017 AERIAL PHOTOGRAPH

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE



SOURCE: CITY OF OTTAWA, geoOTTAWA.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VI-6

APPENDIX VII

TOPOGRAPHIC MAP

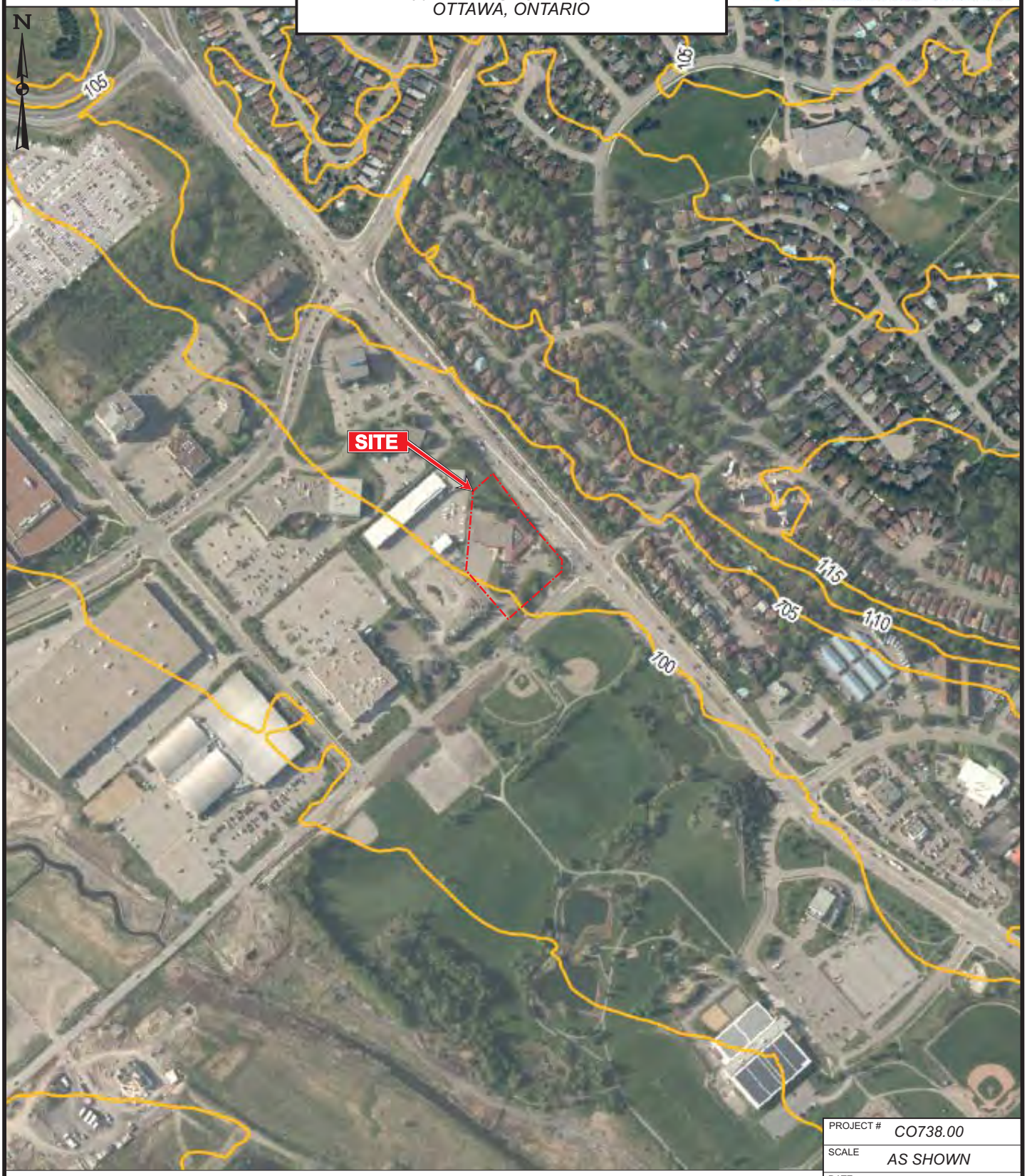
TERRAPEX

TOPOGRAPHIC MAP

90 MAPLE GROVE ROAD
OTTAWA, ONTARIO

CLIENT

brightpath
EARLY LEARNING & CHILD CARE



0 150m 300m

SOURCE: VUMAP FIRST BASE SOLUTIONS, 2017 IMAGERY.

PROJECT #	CO738.00
SCALE	AS SHOWN
DATE	SEPTEMBER 2019
DRAWN	AB
CHECKED	GS
DRAWING #	FIGURE VII-1

APPENDIX VIII

SITE PHOTOGRAPHS

TERRAPEX

PHOTOGRAPHIC LOG

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

Photo No: 1

Date: September 19, 2019

Description:
View from, the sidewalk along Terry Fox Road looking northwest towards the front of the on-Site building.

Photo No: 2

Date: September 19, 2019

Description:
A view, looking west showing the garage doors located in the southern portion of the building.

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

Photo No: 3 **Date:** September 19, 2019 **Description:** View facing southwest, sowing the western exterior wall of the on-Site building.	

Photo No: 4 **Date:** September 19, 2019 **Description:** A view of the parking lot along the western property boundary of the Site. Wooden cable spools were located to along this strip.	

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

Photo No: 5	
Date: September 19, 2019	
Description: A view of the AST located in the generator room of the on-Site building.	

Photo No: 6	
Date: September 19, 2019	
Description: A view, showing the electric heaters located in one of the office rooms in the on-Site building.	

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

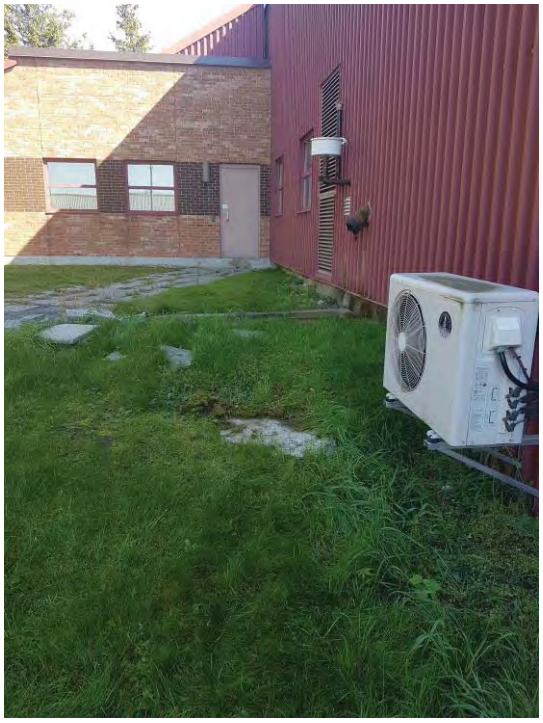
Photo No: 7 **Date:** September 19, 2019 **Description:** A view, of the fill line and vent pipe on the eastern exterior wall of the on-Site building.	

Photo No: 8 **Date:** September 19, 2019 **Description:** A view, looking to the north showing transformer storage on the adjacent Hydro Ottawa property.	

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

Photo No: 9 **Date:** September 19, 2019 **Description:** A view, of the diesel AST located on the Hydro Ottawa property located to the north of the Site.	

Photo No: 10 **Date:** September 19, 2019 **Description:** A view, of the interior of the on-Site garage.	

Client: BrightPath Early Learning and Childcare	**Site Location**: 90 Maple Grove Road, Ottawa, ON	**Project No**: CO738.00

Photo No: 11 **Date:** September 19, 2019 **Description:** A view, of the wooden cable spool located in the on-Site garage.	

Photo No: 12 **Date:** September 19, 2019 **Description:** A view, looking north showing the Hydro Ottawa garage building located to the north of the Site.	

APPENDIX IX

QUALIFICATIONS OF THE ASSESSORS

GREGORY SABOURIN, P.Eng.

Education:	B.Eng. Environmental Engineering	2010	Carleton University, Ottawa
Professional Associations:	Professional Engineers of Ontario (PEO) – Membership Number: 100165530		
Safety Training:	Standard First Aid and CPR Work at Heights Training Petroleum Oriented Safety Training (POST) Workplace Hazardous Materials Information System (WHMIS) 40-hour OSHA Training Course for Hazardous Waste Operations		

EXPERIENCE

2010 to present – Terrapex Environmental Ltd., Ottawa, Ontario

Environmental Engineer

Responsible for a variety of office and field tasks for environmental site assessments and remediation projects which include:

- Historical records review, interviews, site inspections, and site interpretations as part of Phase I/One Environmental Assessments (ESAs) to both CSA Z768-01 and O. Reg. 153/04 requirements;
- Writing Phase I / Phase II (ESAs), groundwater monitoring and remediation reports;
- Client liaison, project preparation and coordination, costing, methodology/project analysis, technical proposal preparation;
- Borehole drilling, monitoring well installation, supervision of tank pulls, and groundwater monitoring and sampling;
- Implementation of in-situ and ex-situ remediation methods;
- Interpreting groundwater monitoring data and laboratory soil and groundwater analytical data as compared to applicable federal and provincial standards;
- Preparation of figures and charts for visual representation of data;
- Completion of site data gap analysis for use in a human health and ecological risk assessment;
- Research and preparation as a third party for legal proceedings;
- Quality Assurance/Quality Control (QA/QC) of outgoing documents;
- Sampling of soil, groundwater, surface water, waste water, sanitary effluent, ambient air, and soil vapour for laboratory analysis; and,
- Supervision and direction of remedial excavations and site restorations.

PROJECT EXPERIENCE

Phase I Environmental Site Assessments

Municipal client: Completed several Phase I environmental site assessments (ESA) at properties owned by a municipality compliant with CSA standards. The work completed included site inspections to identify visible signs and/or potential sources of contamination possible, contaminant transport pathways, and potential receptors. Conducted interviews with relevant people who had a connection to the site. Conducted research and reviewed available documents including requesting information from public and private entities; interpreting aerial photographs; reviewing city directories, and previous environmental reports and acquired information; drafting of site plans; and, report composition. Additional responsibilities included client and tenant liaison. All Phase I ESAs were finalized with a recommendation for either no further work or the design and completion of a Phase II ESA.

Phase Two Environmental Site Assessments

Municipal Client: Conducted a Phase II ESA compliant with CSA standards at a vacant property in Ottawa, Ontario. The Phase II was based on a recommendations from a previously completed Phase I ESA. The field work included the drilling of three boreholes and installation of three monitoring wells. Responsibilities included the designing the Phase II ESA (ex. number and location of boreholes and monitoring wells, chemical analyses) completion of field work and soil sample selection. Field responsibilities included directing the installation of the three monitoring wells, and sampling the groundwater, surveying monitoring wells onsite to an arbitrary benchmark and report composition to CSA requirements including comparing soil and groundwater results to the applicable site criteria.

Air Sampling

Government Client: Conducted an air sampling program at an office building to assess the potential risk to employees following a Level 2 asbestos abatement. The project included sampling of the air quality and background locations for comparison to appropriate Occupational Health and Safety exposure limits before and after abatement activities. Responsibilities included collecting air samples from all enclosures, recording all applicable information, complying with health and safety requirements and wearing the appropriate personal protective equipment.

Site Remediation

Petroleum Client: Conducted field and reporting tasks for a soil remediation project at a former gas station in Pembroke, Ontario impacted by petroleum hydrocarbons (PHCs). Areas of soil contaminated by gasoline were excavated from underground storage tank locations and former pump island. Responsibilities included supervision and direction of all excavation and water treatment activities, collection of confirmatory soil samples, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report composition. A total of 7,500 metric tonnes of soil were excavated and removed for offsite disposal.

Petroleum Client: Conducted field and reporting tasks for a soil remediation project at a former gas station and commercial property in Ottawa, Ontario impacted by PHCs. The area excavated was based on results of a previous Phase II ESA and onsite observations of the soil conditions during excavation. The total soil excavated and disposed of offsite was 4,700 metric tonnes. Responsibilities included supervision and direction of all excavation activities, collection of confirmatory soil samples, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report composition.

Government Client: Supervised field works for a soil remediation project at an operating gas station and adjacent neighboring residential properties in Haileybury, Ontario. Areas of soil contaminated by gasoline were excavated to the extent possible from neighboring properties. A geotechnical engineer was onsite throughout the excavation to ensure slope stability due to concerns with nearby buildings. In-situ remediation chemicals were then injected into the subsurface by a sub-contractor where soil excavation was not possible. Responsibilities included management of sub-contractors, liaison with client, health and safety, supervision and direction excavation activities, collection of confirmatory soil samples, selection of remedial injection locations, supervision of environmental injection contractor, drafting of site plans and analytical results figures, and report composition.

Government Client: Conducted field activities for a mercury remediation project at a remote Hydrometric Station near Moosonee, Ontario. The purpose of the project was to conduct a detailed field testing program to dispose of the mercury-contaminated soil and return the site to pristine condition. Responsibilities included completing excavation activities, collecting confirmatory samples, conducting field testing to guide excavation work, interpretation of laboratory analytical data, drafting of site plans and analytical result figures, and report composition.

Petroleum Client: Conducted field activities for an in-situ remediation at an active gas station. Using direct push injection technology provided by a sub-contractor, a Regenox© solution was injected to remediate on-site and off-site petroleum impacts. Responsibilities included notifying the MOECC of the injection of in accordance of Terrapex's Certificate of Approval (now known as Environmental Compliance Approval), calculations of required solution strength and required mass of chemicals, preparation of remedial solutions, and supervision of drilling contractors throughout the injection process.

Technology Client: Conducted field and office activities for Human Health and Ecological Risk Assessment (HHERA) for site located in eastern Ontario that was contaminated by historic use and storage of chlorinated solvents. Responsibilities included management of sub-contractors, liaison with client and land owners, health and safety, groundwater monitoring and sampling, sub-slab vapour and ambient air sampling, supervision of subcontractor during injection of remedial products as part of in-situ remediation, drafting of site plans, review of historic reports, completion of data gap analysis, annual report composition. In order to support the HHERA, Mr. Sabourin conducted a building floor and subgrade investigation which consisted of extracting fifteen concrete cores from around main warehouse building and collection subgrade soil samples and submitting concrete and soil samples, the installation and sampling of sub-slab vapour probes and conducting preliminary pilot sub-slab communicative testing for the eventual design and installation of a sub-slab depressurization system.

Compliance Monitoring

Government Client: Provided multi-year environmental consulting services to a government campus in Ottawa, Ontario with respect to due diligence monitoring of the facilities sanitary effluent flow. Responsibilities included reviewing sanitary sewer plans and selecting sample locations, completion of a health and safety plan, supervising and training Terrapex staff in collection of sanitary effluent samples using manual and automatic sampling methodologies, and writing reports comparing the analytical results to the Ottawa's sewer-use bylaw. The sanitary effluent sampling program has since expanded to include additional buildings and facilities.

Petroleum Client: Conducted field activities for the Certificate of Approval for the operations of a petroleum terminal in Maitland, Ontario. Responsibilities included monthly compliance sampling, quarterly groundwater monitoring and sampling, interpretation of results, and spill response and investigation.

Municipal Client: Managed a biosolids lagoon monitoring program at a wastewater treatment plan for a municipality in eastern Ontario as required by their certificate of approval (C of A). Responsibilities included review of previous onsultants reports, review of the applicable C of A, client liaison, coordination of field activities including monitoring and sampling of groundwater monitoring wells and collection biosolids samples from the lagoons, review of laboratory analytical data and interpretation of results and writing of annual report. Based on the interpretation of the laboratory analytical data an assessment was provided to the municipality on the extent of the bisolids lagoon impacts

KEITH BROWN, P.Eng., QP_{ESA}#

Position: Senior Project Manager, Ottawa Office

Qualifications: B.Sc. (Eng) Environmental

Experience:

Terrapex Environmental Ltd.	2003 to present
Terrapex Environnement Ltée.	2000 to 2003
Regional Municipality of Ottawa – Carleton	May to Sept. 1999

Mr. Brown is a senior project manager responsible for supervising site assessments, and remediations for various residential, commercial and petroleum clients. Mr. Brown has conducted numerous Phase I/One Environmental Site Assessments (ESA), including historical research, site inspection and report preparation. Mr. Brown has extensive experience in Phase II/Two ESAs, small- and large-scale site remediations (both in-situ and ex-situ), environmental monitoring programs for sites impacted with petroleum, VOCs, PAHs and/or heavy metals, air sampling, peer reviews, and data interpretation. Mr. Brown is registered with the Ontario Ministry of the Environment and Climate Change (MOECC) as a Qualified Person (QP) for undertaking Environmental Site Assessment activities and certifying Records of Site Condition (RSC). More recently, Mr. Brown has assumed a supervisor role responsible for personnel management, and quality control. His major clients include Parkland Fuel Corp., Valero Energy Inc., Canadian Tire, Tim Hortons, and Minto Properties Inc.

Representative projects include the following:

Parkland Fuel Corp.: Senior Project Manager and primary contact for Eastern Ontario

Phase I ESA, Perth, Ontario: Mr. Brown was responsible for historical research and review, interviews, site inspection and report preparation in accordance with the Canadian Standards Association (CSA) Standard Z768-94 (revised to Z768-01 in 2001), in order to determine potential sources of environmental impact to the site.

Phase II ESA and Subsequent Groundwater Monitoring, Picton, Ontario: Mr. Brown was field supervisor and report preparation for this investigation. The initial investigation consisted of installation of twenty-one monitoring wells, split-spoon soil sampling, soil vapour surveying and groundwater sampling. Based on the analytical results from the initial investigation, a Contaminant Management Plan (CMP) was development and approved by the TSSA requiring on-going groundwater monitoring and sampling at the site, and data interpretation in order to evaluate the effectiveness of the plan and yearly reporting to regulatory authorities.

Remediation of Hydrocarbon Impacted Soil, Former Service Station, Gatineau, Quebec: Mr. Brown was responsible for project coordination, fieldwork supervision, soil sampling and logging, installation of three groundwater monitoring wells and subsequent groundwater sampling, as well as being involved in report preparation. The remediation involved the excavation of hydrocarbon impacted soil throughout the site, including underneath a section of a building. Mr. Brown was responsible for data tabulation, review of laboratory QA/QC, and comparison of results with field observations and screening results. Approximately 4000 tonnes of impacted soil was excavated and disposed of at a licensed facility, and non-impacted overburden soils were segregated and re-used on site as backfill.

Ongoing Groundwater Remediation, Service Station, Ottawa, Ontario: Mr. Brown was responsible for managing the ongoing groundwater remediation of onsite and offsite groundwater impacts at an operating service station. The remediation includes the use of Oxygen Release Compound™ (ORC™) using a Certificate of Authorization approved by the Ministry of the Environment (MOE). Mr. Brown was responsible for the liaison between the various parties, data interpretation to evaluate the effectiveness of the remediation, and report preparation providing recommendations for further study.

Remediation of impacted soil from a former gasoline service station, Ottawa, Ontario. The project involved excavation and off-site disposal of approximately 950 tonnes of contaminated soil and subsequent soil and groundwater sampling. As Qualified Person, a Record of Site Condition prepared the Record of Site Condition following the remediation that was acknowledged by the MOE.

Ongoing Groundwater Monitoring: Mr. Brown is responsible for managing the on-going environmental monitoring at an operating bulk fuel depot. The work involves regular water sampling to ensure compliance with regulatory requirements and emergency response in the event of a spill or leak. As part of the services provided, Terrapex has prepared a spill response protocol to be used by the Terminal staff and the preparation of an application for a Permit to Take Water.

ROD ROSE, P.Geo. (Limited)

Current Position:	Branch Manager / Senior Project Manager	
Qualifications:	B.A. Biology Dipl. (Hons.) Environmental Technology QP_{ESA} in accordance with O.Reg. 153/04	
Experience:	Terrapex Environmental Ltd.	2000 to Present
	Greenbank Environmental / Environmental Management Solutions Inc.	1998 to 2005
	Jacques Whitford Limited	1997 to 1998

Mr. Rose has 21 years of experience in the consulting industry, and is registered as a Limited member of the Association of Professional Geoscientists of Ontario (APGO) entitled to practice as a Professional Geoscientist (Limited) in the disciplines of Phase I and Phase II Environmental Site Assessments (ESAs) and Soil and Groundwater Remediation. As a Senior Project Manager, Mr. Rose manages Phase I, II, and III ESAs environmental monitoring programs, site remediation projects and Designated Substance Surveys (DSSs). Mr. Rose brings to Terrapex expertise in the environmental industry, having managed and conducted numerous environmental site assessments and remediations. He additionally, has conducted Occupational Exposure Air Monitoring, Ambient Air Monitoring and Real Time Air Monitoring for environmental remediation projects. Mr. Rose has experience in multiple client sectors including petroleum companies, fuel outlet dealers, national retail chains, commercial landowners and developers and all levels of government (municipal, provincial and federal).

Representative Projects:

National Capital Commission: Managed a historical reviews of site activities, interviews, and site visits in accordance with the Canadian Standards Association (CSA) Standard Z768-01 for Phase I Environmental Site Assessments of a number of properties in the National Capital Region. Assessments were enhanced to include Designated Substances Assessment / Hazardous Materials Reviews and storage tank compliance audits.

Municipality: Supervised and/or Conducted Phase I ESAs including historical reviews of site activities, interviews, and site visits in accordance with the Canadian Standards Association (CSA) Standard Z768-01 for 25 properties.

Various Clients: Completion/management of approximately 100 Phase I ESAs at various sites in Ontario, including industrial sites, commercial and residential properties and vacant lots.

Municipality: Phase II ESAs were conducted to investigate potential impacts from historic property use, neighboring properties and a historically reported VOC groundwater plume. Shallow overburden monitoring wells and deeper multi-level nested monitoring wells were installed to investigate the impacts.

Retail Petroleum Company: Completion of Phase I ESA and Phase II ESAs at a number of commercial retail petroleum stations across Ontario and implementing of contaminant management plans in accordance with Technical Standards and Safety Authority (TSSA) regulatory requirements.

Retail Client: Conducted Hazardous Materials Audits of major retail store buildings on two properties in preparation for demolition of the buildings and remediation of contaminated soil. Designated substances and hazardous materials present in the buildings were identified and quantified and the resulting information was used in the development of a specification document for contractors bidding on the related demolition/abatement and remediation contracts. Included the development and communication of site-specific safe work practices for abatement workers, supervision of remediation activities to meet generic MOECC site condition standards and/or site-specific criteria. Final site re-instatement included preparation for future construction and the implementation of risk management measures such as site soil barriers.