# Phase One Environmental Site Assessment

100 Steacie Drive Ottawa, Ontario

Prepared for: 3223701 Canada Inc.



**September 25, 2020** 

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## 1. Executive Summary

Lopers & Associates (Lopers) was retained by 3223701 Canada Inc. (Brigil) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the undeveloped property with Civic address No. 100 Steacie Drive, Ottawa, Ontario ("Phase One Property", "Property" or "Site").

This Phase One ESA is being completed as part of due diligence requirements associated with the submission of a Development Application to the City of Ottawa Municipal Planning Department.

Based on the information reviewed as part of this Phase One ESA, specifically title search and aerial photographs, the Phase One Property has never been developed or occupied for any use and the O.Reg. 153/04 property use classification is considered to be Agricultural or Other Use.

The Property is currently vacant, is zoned business park industrial. 3223701 Canada Inc. purchased the Property in 2009, and it is understood that the intended future use is for residential purposes. The Phase One Property is immediately surrounded by a municipal Right-of-Way and commercial businesses to the east, parkland followed by residential properties to the south, an industrial storage building and railway line to the north and undeveloped land to the west.

The potential historic importation and placement of fill material of unknown quality was identified at the Phase One Property. Based on the laboratory analytical results from soil samples collected and analyzed to determine the environmental quality of the fill at the Property as part of a concurrent investigation, this PCA is not considered to represent an APEC for the Phase One Property.

Seven additional PCAs at neighbouring properties in the Phase One Study Area were identified as part of this Phase One ESA. Neighbouring property PCAs consist of a railway, an electricity transformer station, fuel storage tanks and electronics & computer manufacturing. The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

The PCAs identified at the Phase One Property and neighbouring properties in the Phase One Study Area are included in Table 1 below.

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PCA Report Reference No.	Potentially Contaminating Activity	Location	APEC Report Reference No.
1	Fill placement during historical grading activities	South and east portions of the Phase One Property	Not Applicable
	(O.Reg. 153/04 PCA Item 30: Importation of Fill Material of Unknown Quality)		
2	CN Railway Line	Adjacent to the north of the	Not Applicable
	(O.Reg. 153/04 PCA Item 46: Rail Yards, Tracks and Spurs)	Phase One Property	
3	Electricity Transformer Station	25 Station Road – Property	Not Applicable
	(O.Reg. 153/04 PCA Item 18: Electricity Generation, Transformation and Power Stations)	limits 65 m west-northwest of the Phase One Property, operations 150 m northwest.	
4	Electronic parts & computer component manufacturing were identified at 62 Steacie Drive	62 Steacie Drive - Adjacent to the east of the Phase One Property.	Not Applicable
	(O.Reg. 153/04 PCA Item 19: Electronic and Computer Equipment Manufacturing)		
5	Electronic parts & computer component manufacturing were identified at 62 Steacie Drive	365 March Road - Property limits 50 m northeast of the Phase One Property,	Not Applicable
	(O.Reg. 153/04 PCA Item 19: Electronic and Computer Equipment Manufacturing)	operations 140 m northeast.	
6	Fuel Storage Tank(s)	413 March Road - Property	Not Applicable
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	limits 40 m north of the Phase One Property, operations 140 m north.	
7	Fuel Storage Tank(s)	401 March Road - Property	Not Applicable
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	limits 30 m northeast of the Phase One Property, operations 190 m northeast	
8	Fuel Storage Tank(s)	447 March Road - Property	Not Applicable
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	limits 240 m north of the Phase One Property	

Table 1: Potentially Contaminating Activities and Areas of Potential Environment	ntal Concern

Based on the location, orientation and/or previous investigations of the PCAs identified as part of this Phase One ESA, none are considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property.

## 2. Introduction

Lopers & Associates (Lopers) was retained by 3223701 Canada Inc. (Brigil) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the undeveloped property with Civic address No. 100 Steacie Drive, Ottawa, Ontario ("Site" or "Phase One Property").

The Phase One Property is legally described as Part Lots 6 & 7, Concession 3, on Plan 4R-21324, Geographic Township of March, City of Ottawa 04511-0007, as obtained from a Legal Survey completed by Farley, Smiths & Denis Surveying Ltd., on August 1, 2006, provided by Brigil; a copy of the Legal Survey is presented in Appendix A.

Based on approximate dimensions obtained from the City of Ottawa's GIS mapping software, the Phase One Property has an approximate area of 22,000 m<sup>2</sup> (2.2 Hectares) and a zoning designation of IP6 H(14), which signifies an business park industrial zone with a height restriction of 14 m. The approximate elevation of the Phase One Property as indicated on the City of Ottawa mapping and confirmed through Google Earth is between approximately 88 and 90 m above mean sea level (m AMSL). The approximate centre of the Phase One Property has Latitude and Longitude coordinates of 45° 20′ 10″ N and 75° 54′ 54″ W and Universal Transverse Mercator (UTM) coordinates of 428315 m E and 5020707 m N.

The Phase One Property is currently owned by 3223701 Canada Inc., a subsidiary company of Brigil Construction ("Brigil"). It is Lopers' understanding that Brigil intends to develop the Phase One Property for residential purposes, including the current concept for construction of two multiunit, multi-storey buildings ranging from 113 to 145 units, with surface parking. A copy of the current Site development design concept plan, as provided by Brigil, is presented in Appendix B.

This Phase One ESA was commissioned by Mr. Jean-Luc Rivard, Director of Land Development and Infrastructure for Brigil Construction (Brigil), operating as 3223701 Canada Inc. Brigil has a business address of 98 Rue Lois, Gatineau, Quebec, J8Y 3R7 and a business telephone number of 819-243-7392.

# 3. Scope of Investigation

This Phase One ESA has been completed as per the details of scope presented in Lopers' Letter entitled "Proposal for Phase One Environmental Site Assessment, Proposed Residential Development, 100 Steacie Drive, Ottawa, ON", dated May 20, 2020, reference No. PRO-003-20-Brigil.

The Phase One ESA has been prepared in accordance with the technical requirements and formatting guidance as presented by the Ministry of Environment, Conservation and Parks (MECP) in Ontario Regulation (O.Reg.)153/04, as amended July 1, 2020. This format is based on the provincial regulation for brownfields redevelopment and has been adopted as a standard for the City of Ottawa for development applications.

The scope of work for the Phase One ESA involved the following components:

- Historical Research (Review of available historical reports, public environmental databases, Fire Insurance Plans (FIPs), City Directories, Aerial Photographs, geological mapping and any other relevant environmental records which were readily accessible at the time of the Phase One ESA);
- Requests for Information from the MECP Freedom of Information (FOI), Technical Standards and Safety Authority (TSSA), and City of Ottawa Historical Land Use Inventory (HLUI);
- Subcontracted research of environmental databases through Environmental Risk Information Services (ERIS);
- Property Title Search (available in previous reports and reviewed herein)
- Physical Site inspection
- Interviews with persons knowledgeable about the Property and past uses
- Interpretation of findings
- Preparation of a Phase One ESA report

The specific objectives of the Phase One ESA are to:

- Provide an overview of the Phase One Environmental Site Assessment conducted with respect to the Phase One Property.
- Provide an environmental record of the Phase One Property, in a manner that can be assessed, tested and reconstructed, to document and demonstrate:
  - How the objectives of the Phase One ESA were achieved and how the requirements for the objectives were met;
  - Whether further investigation is required to submit a Record of Site Condition (RSC) for filing;
  - Whether there exists an adequate basis for further investigation; and,
  - The basis for required certifications.

## 4. Records Review

- a) General
- i. Phase One Study Area

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

ii. First Developed Use Determination

A land title search was completed by READ Abstracts Limited for the Phase One Property. The title search indicates that the Phase One Property was owned by individuals since from at least 1831 until 1959 when ownership of the Property began to be transferred among limited liability corporations. No developed use was observed in a review of the land title search.

Aerial photographs reviewed from 1976 through 2017 do not show that the Phase One Property occupied for any developed use. No historical records, indicating the potential developed use of the Phase One Property were obtained as part of any of the other historical research completed during this Phase One ESA.

Based on the information reviewed as part of this Phase One ESA, specifically title search and aerial photographs, the Phase One Property has never been developed or occupied for any use and the O.Reg. 153/04 property use classification is considered to be Agricultural or Other Use.

iii. Fire Insurance Plans

Fire insurance plans (FIPs), were reviewed where available, for the City of Ottawa as part of this Phase One ESA.

There was no coverage in the FIPs for the Phase One Property or for properties located in the Phase One Study Area as part of available FIPs.

iv. Chain of Title

A chronological chain of title was prepared by READ Abstracts Limited for the Phase One Property. The chain of title provides the names of historical owners, lessees and dates of ownership for the Phase One Property dating back to 1831. The legal description as obtained from the Chain of Title was Part of Lots 6 and 7, Concession 3, March (now in the City of Ottawa), with a property identifier number of 04511-1631.

#### LOPERS & ASSOCIATES

Based on additional historical research completed as part of this Phase One ESA and a review of the chain of title, the Phase One Property was agricultural with no developed use prior to 1959. Limited liability land holding corporations were the registered owners of the Phase One Property Phase One Property from 1959 to present, however, no developed uses have been observed at the Property. A chain of title ownership summary was prepared dating back to 1831 and is presented in Table 2 below. A copy of the Chain of Title for the Phase One Property, as prepared by READ Abstracts Limited for the Phase One Property is provided in Appendix C.

Year(s)	Phase One Property Ownership
1831	Edward Loggan Sr.
1831-1856	Edward Loggan Jr.
1856-1876	John Graham
1876-1890	William Graham
1890-1906	Robert Gow
1906	George A. B. Read
1906-1913	George Mellon
1913-1915	George A. B. Read
1915-1959	Leonard Logan
1959-1962	Shenkman Properties Limited
1962-1971	South March Realties Limited
1971	William Teron Limited
1971-1973	Kanata Developments Limited
1973-1991	Campeau Corporation
1991-2000	Candev Properties Inc.
2000	O & Y Properties Inc.
2000-2007	1202946 Ontario Inc. (Steacie Drive Inc.)
2007-2009	6095186 Canada Inc.
2009-Present	3223701 Canada Inc.

Table 2: Chain of Title	e Ownership Summary
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Based on the chain of title ownership summary there are no identifiable Potentially Contaminating Activities (PCAs) known to be associated with the ownership of the Phase One Property.

#### v. Environmental Reports

Brigil provided the following report for review as part of this Phase One ESA:

"Phase I Environmental Site Assessment, Part Lots 6 and 7, Steacie Drive, City of Kanata, Ontario", dated July 2000, completed by Morey Houle Chevrier Engineering Ltd., for Andridge Capital Corporation.

## 2000 Phase I Environmental Site Assessment by Morey Houle Chevrier Engineering Ltd. (2000 MHCE Phase I ESA)

The 2000 MHCE Phase I ESA was completed to assess if former operations or practices were present which may present potential environmental risks. Based on a historical review, the Property was historically used for agricultural purposes and had never been developed prior to the time of the 2000 MHCE Phase I ESA. The Property was undeveloped in 2000 and was bordered to the north by the Canadian National (CN) railway line and an existing building; on the south and west by a hydro corridor and soccer field following by residential development and to the east by commercial development and undeveloped land. It was suspected that the building adjacent to the CN railway was used for manufacturing and/or storage purposes.

Surface drainage was towards the northeast and it was inferred that the shallow groundwater flow direction was towards the north.

A limited geotechnical investigation was completed at the Property, which included six test pits was completed by MHCE prior to the 2000 MHCE Phase I ESA and did not identify the presence of any obvious contamination or deleterious fill material, with the exception of trace amounts of asphalt in two of the test pits.

Minor environmental risks to the Property identified by MHCE included:

- Potential use of pesticides at the Property, as part of historical agricultural land use;
- Presence of fill material of unknown environmental quality; and,
- Presence of the adjacent CN railway line.

The 2000 MHCE report concluded that the potential environmental risks associated with the Property were limited to those identified above and that the historical property use of the Property and neighbouring lands was agricultural or recently developed commercial or residential land, which was interpreted to not generally be associated with subsurface contamination. The 2000 MHCE Phase I ESA stated that no further investigation was warranted at the time of its issuance.

The presence of the fill material at the Phase One Property and a railway line, adjacent to the north limit of the Phase One Property are Potentially Contaminating Activities (PCAs) associated with Importation of Fill Material of Unknown Quality and Rail Yards, Tracks and Spurs, respectively. These will be identified as PCA #1 and PCA #2, respectively. Given that it is not

known if the Property was ever actually used for agricultural purposes, which is not suspected based on surface grading and shallow bedrock outcrops, or if pesticides were actively used at the Property, this environmental risk identified by MHCE is not considered to represent a PCA in this report.

Additionally, the following study was completed concurrently with this Phase One ESA:

"Environmental Fill Quality Assessment, 100 Steacie Drive, Ottawa, Ontario", dated September 18, 2020, completed by Lopers & Associates., for 3223701 Canada Inc.

#### 2020 Environmental Fill Quality Assessment by Lopers & Associates (2020 Lopers EFQA)

The 2020 Lopers EFQA was completed to assess the environmental quality of the fill material identified to have been placed at the Phase One Property. Based on a historical review, the Property was graded with potentially imported fill, which is considered a PCA: importation of fill of unknown quality (PCA #1).

A total of 8 test pits were dug at the Phase One Property to provide coverage of the south and east portions of the Property, where the presence of fill was reported or suspected. Five stratigraphic units were observed in the test pits: topsoil was encountered in all of the test pits, underlying the topsoil were silty sand, gravel and cobble fill, No odours, staining or evidence of deleterious fill were observed in this layer; mineral deposits, suspected to consist of muscovite and biotite were observed within the till deposit; it should be noted that these minerals visually resemble the physical properties of weathered asphalt. Native silty clay, glacial till and shallow bedrock were observed below the topsoil and/or fill layers.

Six soil samples, intended to provide environmental characterization of the fill and/or native soil conditions were submitted for laboratory analysis for a combination of petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEXs), polycyclic aromatic hydrocarbons (PAHs), metals and pH. All of the sample results were in compliance with the Site Condition Standards for residential use (Table 9).

Based on the laboratory analytical results from soil samples collected and analyzed to determine the environmental quality of the fill at the Phase One Property, this PCA #1 is not considered to represent an APEC for the Phase One Property.

b) Environmental Source Information

A review of the readily available environmental source information records was completed as part of this Phase One ESA.

As part of environmental source information review, Environmental Risk Information Systems (ERIS) was also contracted to complete a search of their records of environmental data bases within 250 m of the Site. The pertinent search results to this Phase One ESA are presented in the following subsections. A copy of the ERIS database search is included as Appendix D.

#### **National Pollutant Release Inventory**

The National Pollutant Release Inventory (NPRI) is a database maintained by Environment and Climate Change Canada (ECCC). Reporting of releases of pollutants into the natural environment are reported annually by corporations and/or their representatives and posted for public record by ECCC. Presently, data is available and posted for the years 1994 through 2017. Eight records were identified at a single neighbouring property within 250 m of the Phase One Property during a review of the posted NPRI data on the ECCC electronic website on July 31, 2020 and the results were confirmed through the subcontracted ERIS search, dated June 15, 2020.

Best Theratronics Ltd., located at 413 March Road, approximately 40 m north of the Property, was listed from 2008 to 2015 with stack/point emissions for releases of Lead and its compounds to air. These emissions are not considered a PCA and do not represent an APEC for the Phase One Property.

#### **Polychlorinated Biphenyl (PCB) Inventories**

The MECP, formerly known as the Ministry of Environment and Energy, published the "Ontario Inventory of PCB Storage Sites". The inventory documented the company information, physical address, number of tonnes of liquid PCBs by region. No records were identified within 250 m of the Phase One Property during a review this document and the results were confirmed through the subcontracted ERIS search, dated June 15, 2020.

The ERIS search also reviewed the National PCB Inventory, which details in use PCB containing equipment in federal, provincial and private facilities; this database was last updated in 2008. No records were identified within 250 m of the Phase One Property during a review this database.

#### **Environmental Instruments**

Environmental Instruments, such as Environmental Compliance Approvals (ECAs), Certificates of Approval (CAs), Permits to Take Water (PTTWs), Risk Management Plans (RMPs), and Certificates of Property Use (CPUs) are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental instruments at the Phase One Property, however, one record of a CA and two records of ECAs were identified within 250 m of the Phase One Property. A CA was issued to Optotek Limited at 62 Steacie Drive, located adjacent to the east of the Phase One Property, in January of 1988 for industrial air discharge of halogenated solvents. An ECA was issued to Starbank Developments

401 Corp. at 401 March Road, located approximately 30 m northeast of the Phase One Property, in April of 2015 for industrial sewage works. An ECA was issued to Best Thermostronics Ltd. at 413 March Road, located approximately 40 m north of the Phase One Property, in October of 2015 for air discharge. Although the generation and disposal of halogenated solvents could result in a potential environmental liability, these activities associated with the aforementioned CA and ECAs are not PCAs and do not represent APECs for the Phase One Property. Additionally, the aforementioned activities at this property are located a significant distance and cross/down- gradient with respect to the Phase One Property and are not suspected to contribute to an APEC.

#### **Inventory of Coal Gasification Plants**

The document "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. for the Ontario Ministry of the Environment, dated July 1988 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through the subcontracted ERIS search, dated June 15, 2020.

## Environmental Records of Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections maintained by the Ministry

Environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental records at the Phase One Property; however, one record of a spill was identified within 250 m of the Phase One Property. A spill of transmission oil was recorded at 26 Station Road (inferred actual address 25 Station Road), with property limits approximately 65 m northeast of the Phase One Property and operations at least 150 m northeast, in June of 2014; it is suspected this spill is related to the PCA of "Electricity Generation, Transformation and Power Stations". Given the separation distance of this property and the associated operations with respect to the Phase One Property and the inferred down-gradient orientation, this PCA #3 is not considered to represent an APEC for the Phase One Property.

#### Waste Management Records

Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its

predecessors are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA, however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental waste generators at the Phase One Property; however, three properties with records of waste generators were identified within 250 m of the Phase One Property.

The following businesses, (Amca International Ltd., Optotek Ltd., Golder Associates Ltd., and Applied Microcircuits Canada) shown to be located adjacent to the east of the Phase One Property were listed as generators of a combination of Waste Compressed Gases, Inorganic Laboratory Chemical, Misc. Wastes and Inorganic Chemicals, Aliphatic Solvents, Aromatic Solvents, Halogenated Solvents, Petroleum Distillates, Emulsified Oils and Waste Oils & Lubricants 1986 to 2017. The operations observed at these facilities was registered to businesses associated with research, electronic parts & computer component manufacturing; these operations are related to the PCA of "Electronic and Computer Equipment Manufacturing". Given associated operations with respect to the Phase One Property and the inferred down-(significantly lower elevation) or cross-gradient orientation and based on the building and general occupancy, this PCA #4 is not considered to represent an APEC for the Phase One Property.

Spar Aerospace, Defence Systems Division and DRS Technologies Canada Company with a property at 365 March Road, with property limits approximately 50 m east of the Phase One Property and operations at least 140 m east of the Phase One Property, was listed as a generator of Acid Waste – Heavy Metals, Aliphatic Solvents, Halogenated Solvents, Paint/Pigment/Coating Residues, Organic Laboratory Chemicals and Waste Oils & Lubricants from 1986 through 2001. The operations observed at these facilities was registered to businesses associated with research, electronic parts & computer component manufacturing; these operations are related to the PCA of "Electronic and Computer Equipment Manufacturing". Given the separation distance of the operations at this property and the nature of associated operations as well as the inferred local down- (significantly lower elevation) or cross-gradient orientation, this PCA #5 is not considered to represent an APEC for the Phase One Property.

Theratronics International Ltd., Best Theratronics Ltd. and Atomic Energy of Canada Ltd. with a property at 413 March Road, with property limits approximately 40 m north of the Phase One Property and operations at least 140 m north of the Phase One Property, was listed as a generator of 25 waste classes from 1986 through 1990, 1992 through 2001 and 2007 through 2019. Among these waste classes were light fuels, petroleum distillates, waste oils & lubricants, etc., which are suspected to be related to the PCA of "Gasoline and Associated Products Storage in Fixed Tanks". Given the separation distance of this property and its associated operations

with respect to the Phase One Property and the inferred down-gradient orientation, this PCA #6 is not considered to represent an APEC for the Phase One Property.

The locations of these PCAs are depicted on Figure 3: Surrounding Land Use and are summarized in Table 5 in Section 7. (b).

#### **MECP Property Specific Reports**

Reports submitted to the Ministry related to environmental conditions are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental reports at the Phase One Property, or properties within 250 m of the Phase One Property.

#### **Technical Standards and Safety Authority**

Records of retail fuel storage tanks, retail fuel outlets, spills, releases, and other associated information is maintained by the Technical Standards and Safety Authority (TSSA). These records can be obtained upon request from the TSSA. The subcontracted ERIS search also confirms the filing of such records associated with properties.

The TSSA was contacted by email to complete a search of available records associated with the current property address, the known former property address of the former retail fuel outlet and addresses of surrounding properties with historical environmental listings (based on other historical research). The TSSA responses, received on June 12, 2020 and August 12, 2020, respectively, identified the presence of an active gasoline service station and four active underground fuel storage tanks at 401 March Road, which is located approximately 200 m northeast of the Phase One Property; this retail fuel outlet is identified as PCA #7. An additional fuel storage tank was identified at 447 March Road, with property limits located approximately 240 m north of the Phase One Property, which is identified as PCA #8. Both of the aforementioned properties are suspected to be related to PCAs of "Gasoline and Associated Products Storage in Fixed Tanks". Given the separation distances of these properties and their associated operations with respect to the Phase One Property and the inferred down-gradient orientations, these PCA #7 and PCA #8 are not considered to represent APECs for the Phase One Property. Copies of the TSSA responses are included as Appendix F.

The subcontracted ERIS search identified records of 4 fuel storage tanks at 401 March Road, associated with PCA #7. The fuel storage tanks reportedly consist of two 65,000L, one 35,000 L and one 25,000 L double walled fibreglass tanks which are used for storage of gasoline and diesel.

The locations of these PCAs are depicted on Figure 3: Surrounding Land Use and are summarized in Table 5 in Section 7. (b).

#### **Registry Filings**

Records of notices and instruments, including records of site condition (RSC), which have been posted in the environmental registry, are maintained by the MECP. These records can be reviewed electronically on the MECP Environmental Site Registry (ESR) website. The subcontracted ERIS search also confirms the filing of such records associated with properties. The website was reviewed for RSCs filed at the Phase One Property and in the Phase One Study Area; no RSCs have been filed for the Phase One Property or for any properties in the Phase One Study Area.

#### Areas of Natural and Scientific Interest

Records of areas of natural and scientific interest (ANSIs) formerly referred to as areas of natural significance, are maintained by the Ministry of Natural Resources and Forestry (MNRF), and are available for review on the Ontario GeoHub website. The website was reviewed on August 28, 2020 for records of ANSIs in the Phase One Study Area. The South March Highlands, a Provincially significant area of natural scientific interest, was identified with its limits approximately 220 m southwest of the Phase One Property.

#### **Current and Historical Landfills**

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document.

The City of Ottawa contracted Golder Associates Ltd. to conduct an inventory and assessment of former waste disposal sites in within the City of Ottawa. The document "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., finalized October 2004, was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document.

#### **City of Ottawa Historical Land Use Inventory**

The City of Ottawa's Planning, Infrastructure and Economic Development department was contacted to complete a search of the Historical Land Use Inventory (HLUI) maintained by the City. The response, received on June 26, 2020, indicated that the HLUI search did not identify any activities (of environmental significance) at the Phase One Property, however, eight properties were identified with activities (of environmental significance) within the Phase One Study Area. The listed occupants of the associated activities included: Solar Electricity by March Solar, Kanata Hydro-Electric Commission, Theratronics International Limited, MDS Noridon,

Amca International Limited, Optotek Limited, DRS Technologies Canada Company, Reltek Inc., Control Microsystems Inc., Optical Processing and Computing Consortium, Syva, and Control Microsystems Inc. The presence of Kanata Hydro-Electric Commission, identified at 25 Station Road, located with property limits approximately 65 m west-northwest of the Phase One Property, is identified as a PCA #3 associated with Electricity Generation, Transformation and Power Stations; this property and its actual operations are located down-gradient of the Phase One Property and as such this PCA is not considered to represent an APEC for the Property.

None of the additional identified listed 'activities' are PCAs and no APECs were identified for the Phase One Property as part of a review of the HLUI. A copy of the HLUI response letter is included in Appendix G.

- c) Physical Setting Sources
- i. Aerial Photographs

Aerial Photographs were reviewed for the Phase One Property and Phase One Study Area from available sources as part of the historical review. Aerial photographs were reviewed from historical research previously completed in the Phase One Study Area, Google Earth Aerial Imagery and from the City of Ottawa website. Aerial Photographs were reviewed over the period of 1976 through 2017, which depict development of the Phase One Study Area. A summary of the information gleaned from the aerial photographs is provided below. Copies of the aerial photographs reviewed are provided in Appendix H.

#### 1976 Aerial Photograph

The Phase One Property appears to be undeveloped and unoccupied in the 1976 Aerial Photograph. The south and east portions of the Property appear to have been cleared and have potentially been subject to historical fill placement. The CN railway line is present to the north of the Phase One Property. What appears to be an industrial and/or warehouse building has been constructed on the property to the north of the Phase One Property. What appears to be commercial and industrial land use is present further to the east, north and northwest of the Phase One Property. Lands to the south of the Phase One Property are vacant/undeveloped, followed by residential properties.

#### **1991 Aerial Photograph**

Further soil disturbance is apparent on the central/west-south portion of the Phase One Property; this activity is inferred to be associated with grading of land for the present-day parkland and walking trails and residential development at the Properties and adjacent land to the south. The Steacie Drive right-of-way has been constructed to the southeast of the Phase One Property. What appears to be the present-day commercial building has been constructed on the adjacent property to the east. Increased commercial development is apparent further east of the Property. Significant residential development is apparent to the south; primarily consisting of what appear to be single family dwellings.

#### **1999 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or neighbouring properties in the Phase One Study Area.

#### 2008 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or neighbouring properties in the Phase One Study Area.

#### 2017 Aerial Photograph

No significant changes appear to have been made to the Phase One Property. The property with its property limits located approximately 30 m northeast of the Phase One Property has been developed for what appear to be commercial uses, including the present-day retail fuel outlet, with pump islands located approximate 190 m northeast and USTs located approximately 220 m northeast of the Phase One Property. No other significant changes appear to have been made to the neighbouring properties in the Phase One Study Area.

As previously noted, the presence of a retail fuel outlet at the Phase One Property is PCA #7, however, based on the distance and/or orientation of the fuel outlet, this PCA is not considered to present an APEC for the Phase One Property.

ii. Topography, Hydrology, Geology

The Ontario Ministry of Natural Resources and Forestry (MNRF) Make a Topographic Map GIS website was used to produce a topographic map showing the location of the Phase One Property, nearby water bodies and the regional topography of the Phase One Study Area. A copy of the Topographic Map is provided in Appendix I. The regional topography in the Phase One Study Area slopes downward to the north-northeast, toward the Ottawa River. A small creek was identified on the west portion of the Phase One Property; this creek is a tributary Watts Creek, which drains towards Shirley Bay located approximately 3.8 km northeast of the Phase One Property. A tributary Watts Creek, which drains towards of the Phase One Property, was identified on the west portion of the Phase One Property, was identified on the west portion of the Phase One Property, was identified as "Beaver Pond" was identified approximately 375 m south of the Phase One Property.

Information on the regional surficial soil was obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa Hull. Based on a review of the map, the natural soil conditions in the Phase One Study Area consist of "Bedrock – Intrusive and metamorphic rocks (Precambrian); mainly bare, hummocky, rolling or hilly rock knob upland; includes areas thinly veneered by unconsolidated sediments up to 2 m thick".

Information on the regional bedrock was obtained from the Ontario Geological Survey Map P2716 titled 'Paleozoic Geology Ottawa Area'. Based on a review of the map, the Phase One

Study Area is underlain by the Precambrian Formation, described as "undifferentiated metamorphic and igneous rocks".

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of topsoil and/or silty sand and gravel fill, followed by silty clay, over silty sand and gravel (Glacial Till) underlain by Granite bedrock.

iii. Fill Materials

The Phase One Property has never been developed; however, it was reported that fill material was historically placed on the east and southeast portions of the Property for grading purposes. The placement of fill in these areas of the Property is considered to represent PCA #1 associated with Importation of Fill Material of Unknown Quality. An Environmental Fill Quality Assessment (as summarized in Section 4.v) was completed concurrently with this Phase One ESA, which confirmed that the fill material is in compliance with the MECP Property Use Standards for the proposed residential use. Given the recent analytical data, the importation of fill to the Phase One Property does not represent an APEC for the Phase One Property.

iv. Water Bodies and Areas of Natural Significance & Ground Water Information

A small creek was identified on the west portion of the Phase One Property; this creek is a tributary Watts Creek, which drains towards Shirley Bay located approximately 3.8 km northeast of the Phase One Property. The Ottawa River, including Shirley Bay, as noted above, is located approximately 3.8 km north of the Phase One Property. A surface water body, identified as "Beaver Pond" was identified approximately 375 m south of the Phase One Property. The South March Highlands wetland, a Provincial area of natural and scientific interest (ANSI or areas of natural significance) was identified with its limits approximately 220 m southwest of the Phase One Property.

The Phase One Property and Study Area are not located in the vicinity of any well-head protection areas or other designation identified by the City of Ottawa in its official plan for the protection of ground water. The Phase One Study Area is serviced by municipally treated drinking water. No private or agricultural water supply wells are located within the Phase One Study Area.

v. Well Records

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. Two monitoring wells were drilled at the Phase One Property as part of a historical geotechnical investigation in 2005. The stratigraphy was reported to consist of topsoil, occasional fill, followed by silty clay. Monitoring wells were installed to approximate depths of 2.5 to 5.8 m below ground surface (m BGS). The approximate depth to bedrock is expected to

range from 0 (bedrock outcrops) to 6 m BGS in the area of the existing monitoring wells at the Phase One Property, with a groundwater table reported at approximately 0.3 to 0.6 m BGS. Based of soil conditions observed during the 2020 Lopers Environmental Fill Quality Assessment, the actual groundwater table is present greater than 1.5 m BGS.

One historic water well was identified approximately 150 m north of the Property. Based on this record, the well was drilled in 1965 and was used for public water supply. The general stratigraphy in the area of the well consisted of the Clay, underlain by granite bedrock. It should be noted that this water well is located at a property that has since been redeveloped. Additionally, the Phase One Study Area is provided with municipally treated non-potable water and as such it is not suspected that this well remains in use.

d) Site Operating Records

The Phase One Property is undeveloped and does not appear to have ever been occupied for any developed use. As such, it is not expected that any operating records exist for the Property.

## 5. Interviews

A telephone interview was completed on the day of the Site Investigation (August 7, 2020) with Mr. Philip Thibert, Project Manager – Land Development and Infrastructure for Brigil Construction. Mr. Thibert and/or members of Brigil have been familiar with the Phase One Property since 2009 when Brigil purchased the Property. Mr. Thibert stated that the Property has not been occupied for any developed use since Brigil's purchase and was not aware of any historical development at the Property. Mr. Thibert was not aware of any spills or poor environmental management practices associated the Phase One Property.

## 6. Site Reconnaissance

## a) General Requirements

The Phase One Site Investigation was completed on August 7, 2020 between the hours of 3:00 and 5:30 PM. Weather conditions were sunny with clouds with an ambient air temperature of approximately 30 degrees Celsius. The Phase One Property was vacant at the time of the Site Investigation. The Site Investigation was completed by Mr. Luke Lopers, who is a registered Professional Engineer (Environmental) in the province of Ontario and a Qualified Person (QP) for Environmental Site Assessments, and has been conducting Phase I/One Environmental Site Assessments and environmental reconnaissance since 2006.

Photographs were taken of the exterior of the Phase One Property, documenting conditions of the Phase One Property and adjacent lands. A copy of the Photographic Log and written descriptions of the photos are provided in Appendix J.

#### b) Specific Observations at Phase One Property

The Phase One Property was vacant at the time of the Site Investigation; there were no structures or buildings present. There were no improved (paved) surfaces at the Phase One Property.

There were no above or below ground structures present on the Phase One Property at the time of the Site investigation.

No aboveground storage tanks (ASTs) or visual indications of the presence of underground storage tanks (USTs), such as vent and fill pipes or access hatches, were observed as part of the Site Investigation.

No potable water wells were observed at the Phase One Property during the Site Investigation. The Phase One Property is presently vacant and has not been connected to active services, as such, no potable water connections were observed. A fire hydrant was observed to the south of the east portion of the Property, on the north side of the Steacie Drive right-of-way. No groundwater monitoring wells were observed at the Phase One Property, however, it should be noted that the Property was heavily overgrown with vegetation and mature trees.

The Phase One Property has never been developed with any buildings or structures, as such it is not expected that any former heating or cooling systems were ever present. No drains, pits or sumps were observed as part of the Site Investigation.

There were no septic tanks or leaching beds observed at the Phase One Property as part of the Site Investigation. Given that the Phase One Property has not been developed, it is not expected that any private sewage systems exist.

Approximately 95% of the Phase One Property was covered with trees and overgrown vegetation. The remaining portions of the Phase One Property, are landscaped and contain walking trails on the south and central portions of the Property. A shallow creek, which flows in a northerly direction, is present on the west portion of the Phase One Property. Bedrock outcrops were apparent on the central-east portion of the Phase One Property; this portion of the property is elevated approximately one m with respect to the north portion of the Property and 5 to 6 m above the south property limits.

There were no current or former railway lines, tracks or spurs identified at the Phase One Property. The CN railway line property is present adjacent to the north of the Phase One Property, with the railway located approximately 12 m north of the Phase One Property limits. The presence of railway to the north of the Phase One Property represents PCA #2 and is associated with Rail yards, tracks and spurs; given that this railway is not located on the Phase

#### LOPERS & ASSOCIATES

One Property and is situated in an inferred down gradient orientation with some separation distance to the railway tracks and ballast, it is not considered to represent an APEC for the Phase One Property.

No surficial staining was observed on the landscaped portions of the Phase One Property during the Site Investigation. No stressed vegetation was observed during a walkover of the vegetated areas of the Property.

The presence of fill material was not apparent during the Site Investigation as the majority of the Property was overgrown with heavy vegetation.

i. Enhanced Investigation Property

The Phase One Property is not currently operating for any industrial use or any of the following commercial uses: as a garage, as a bulk liquid dispensing facility, including a gasoline outlet, or for the operation of dry cleaning equipment. The Phase One Property is hence not an enhanced investigation property.

c) Land Use Observations of the Phase One Study Area

Properties in the Phase One Study Area were reviewed from publicly accessible Rights-of-Way as part of the Site Investigation on August 7, 2020. Uses of these lands were noted and any potential presence of PCAs was also assessed. Neighbouring land uses were recorded as follows:

**North**: An industrial property with a warehouse/storage building was observed to the north of the central portion of the Phase One Property; based on observations at this property, the current use is suspected to be associated with construction activities. No ASTs or signs of USTs were observed at this property. The CN railway line was observed to the north of the Phase One Property to the east and west of the aforementioned industrial property. An industrial property is located approximately 40 m north of the Phase One Property, with its operations (building) located approximately 140 m north.

**Northwest:** The March Road Hydro transformer station is present approximately 150 m northwest of the Phase One Property.

**Northeast:** A commercial property has been developed, with property limits located approximately 30 m northeast of the Phase One Property. Two restaurants and a retail fuel outlet are present at this commercial property. The pump islands and USTs for associated with the retail fuel outlet are located 180 m northeast and 210 m northeast, respectively of the Phase One Property.

East: Commercial properties, occupied generally by commercial offices.

South: Parkland and a hydro-electric transmission corridor followed by residential dwellings.

West: Parkland followed by undeveloped land.

The presence of the CN railway line, identified adjacent to the north of the Phase One Property was identified as PCA #2 associated with Rail Yards, Tracks and Spurs.

The presence of Kanata Hydro-Electric Commission, identified at 25 Station Road, located with property limits approximately 65 m west-northwest of the Phase One Property, was identified as a PCA #3 associated with Electricity Generation, Transformation and Power Stations.

The presence of an active gasoline service station and four active underground fuel storage tanks at was 401 March Road, which is located approximately 200 m northeast of the Phase One Property, respectively; this retail fuel outlet was identified as PCA #7 associated with Gasoline and Associated Products Storage in Fixed Tanks.

Neighbouring land uses are shown on Figure 3: Surrounding Land Use. The aforementioned PCAs at neighbouring properties and their respective operations are located down-gradient and/or at significant distances with respect to the Phase One Property and as such these PCAs are not considered to represent APECs for the Property. The current uses of the neighbouring properties are not considered to represent any APECs for the Phase One Property.

# 7. Review and Evaluation of Information

#### a) Current and Past Land Use

The current and past land use of the Phase One Property, dating back to the first developed use, is provided in Table 3 below.

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
1831-1959	Individuals	Unknown	Agricultural or other use	Property owned by individuals. Historical reports indicate Property was always undeveloped.
1959-1973	Various Limited Liability Land Holding Corporations	Portions of the Phase One Property (east and south) suspected to have been subject to historical fill placement / grading activities.	Agricultural or other use	Observations from 1976 aerial photograph shows historical soil disturbance and fill placement noted in historical reports by others.
1973-2009	Various Limited Liability Land Holding Corporations	Undeveloped / unoccupied	Agricultural or other use	Observations from 1991 to 2009 aerial photographs do not show any indication of occupancy or use of the Phase One Property.
2009- Present	3223701 Canada Inc.	Undeveloped / unoccupied	Agricultural or other use	Observations from 2011 to 2017 aerial photographs do not show any indication of occupancy or use of the Phase One Property. 2020 Site inspection confirms undeveloped state of the Phase One Property.

#### Table 3: Current and Past Land Use

## b) Potentially Contaminating Activity

Two Potentially Contaminating Activities were identified at the Phase One Property and are summarized in Table 4 below.

PCA Report Reference No.	Potentially Contaminating Activity	Location		
1	Fill placement during historical grading activities (O.Reg. 153/04 PCA Item 30: Importation of Fill Material of Unknown Quality)	South and east portions of the Phase One Property		

#### Table 4: Potentially Contaminating Activities at the Phase One Property

Additionally, seven PCAs were identified at neighbouring properties in the Phase One Study Area and are summarized in Table 5 below.

<b>Table 5: Potentially Contaminating</b>	Activities in the Phase One Study Area
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PCA Report Reference No.	Potentially Contaminating Activity	Location	
2	CN Railway Line	Adjacent to the north of the Phase One Property	
	(O.Reg. 153/04 PCA Item 46: Rail Yards, Tracks and Spurs)		
3	Electricity Transformer Station	25 Station Road – Property limits 65	
	(O.Reg. 153/04 PCA Item 18: Electricity Generation, Transformation and Power Stations)	m west-northwest of the Phase One Property, operations 150 m northwest.	
4	Electronic parts & computer component manufacturing were identified at 62 Steacie Drive	62 Steacie Drive - Adjacent to the east of the Phase One Property.	
	(O.Reg. 153/04 PCA Item 19: Electronic and Computer Equipment Manufacturing)		
5	Electronic parts & computer component manufacturing were identified at 365 March Road.	365 March Road - Property limits 50 m northeast of the Phase One	
	(O.Reg. 153/04 PCA Item 19: Electronic and Computer Equipment Manufacturing)	Property, operations 140 m northeast.	
6	Fuel Storage Tank(s)	413 March Road - Property limits 40	
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	m north of the Phase One Property, operations 140 m north.	
7	Fuel Storage Tank(s)	401 March Road - Property limits 30	
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	m northeast of the Phase One Property, operations 190 m northeast	
8	Fuel Storage Tank(s)	447 March Road - Property limits	
	(O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	240 m north of the Phase One Property	

## c) Areas of Potential Environmental Concern

The potential historic importation and placement of fill material of unknown quality was identified at the Phase One Property. Based on the laboratory analytical results from soil samples collected and analyzed to determine the environmental quality of the fill at the Property as part of a concurrent investigation, this PCA #1 is not considered to represent an APEC for the Phase One Property.

The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

#### d) Phase One Conceptual Site Model

Three Figures are provided to visually depict the Conceptual Site Model. Figure 1: Key Plan shows the location of the Phase One Property within the City of Ottawa. Figure 2: Site Plan depicts environmentally significant features at the Phase One Property; this figure is provided with an overlay of the 2017 aerial imagery, which depicts the current general conditions of the Phase One Property. Figure 3: Surrounding Land Use shows the current uses of properties in the Phase One Study Area, location of PCAs at the Property and neighbouring lands; this figure is provided with an overlay of the 2017 aerial imagery.

The Phase One Property is located at Civic No. 100 Steacie Drive, Ottawa, Ontario and has an approximate area of 2.2 Hectares.

Based on the information reviewed as part of this Phase One ESA, specifically title search and aerial photographs, the Phase One Property has never been developed or occupied for any use and the O.Reg. 153/04 property use classification is considered to be Agricultural or Other Use.

The Property is currently vacant, is zoned business park industrial. 3223701 Canada Inc. purchased the Property in 2009, and it is understood that the intended future use is for residential purposes. The Phase One Property is immediately surrounded by a municipal Right-of-Way and commercial businesses to the east, parkland followed by residential properties to the south, an industrial storage building and railway line to the north and undeveloped land to the west.

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

A small creek was identified on the west portion of the Phase One Property; this creek is a tributary Watts Creek, which drains towards Shirley Bay located approximately 3.8 km northeast

of the Phase One Property. The Ottawa River, including Shirley Bay, as noted above, is located approximately 3.8 km north of the Phase One Property. The South March Highlands, a Provincially significant area of natural scientific interest, was identified with its limits approximately 220 m southwest of the Phase One Property. No drinking water wells are located at the Phase One Property and the Phase One Study Area is serviced by municipally treated non-potable water. The regional topography in the Phase One Study Area slopes downward to the north-northeast, toward the Ottawa River.

Based on the historical research, the general stratigraphy of the Phase One Property and Phase One Study Area consists of topsoil, occasional fill, followed by silty clay. Overburden soils are expected to be up to 2 m thick and underlain by Granite bedrock. Groundwater is expected at a depth of approximately 2 m BGS and flow in a predominantly northern direction.

The potential historic importation and placement of fill material of unknown quality was identified at the Phase One Property. Based on the laboratory analytical results from soil samples collected and analyzed to determine the environmental quality of the fill at the Property as part of a concurrent investigation, this PCA is not considered to represent an APEC for the Phase One Property.

Seven additional PCAs at neighbouring properties in the Phase One Study Area were identified as part of this Phase One ESA. Neighbouring property PCAs consist of a railway, an electricity transformer station, fuel storage tanks and electronics & computer manufacturing. The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

Based on underground utility locates completed as part of a concurrent investigation, a 750 mm concrete sewer is present along the central portion of the Property which is oriented in a southwest to northeast direction and a 152 cast iron watermain is present on the east portion of the Property oriented in a northwest to southeast direction. Given that the Property is undeveloped, additional underground utility service trenches are not suspected to be present at the Phase One Property. The existing underground utility corridors are not suspected to have the potential to affect contaminant distribution and transport, given that no APECs or contaminants of concern were identified as part of the Phase One ESA.

Any uncertainty or absence of information obtained in the components of this Phase One ESA are not expected to affect the validity of the conceptual site model.

# 8. Conclusions

i. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

The potential historic importation and placement of fill material of unknown quality was identified at the Phase One Property. Based on the laboratory analytical results from soil samples collected and analyzed to determine the environmental quality of the fill at the Property as part of a concurrent investigation, this PCA is not considered to represent an APEC for the Phase One Property.

Seven additional PCAs at neighbouring properties in the Phase One Study Area were identified as part of this Phase One ESA. Neighbouring property PCAs consist of a railway, an electricity transformer station, fuel storage tanks and electronics & computer manufacturing. The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

Given that there were no APECs identified at the Phase One Property, and that an existing PCA (importation of fill) was previously assessment, a Phase Two Environmental Site Assessment is not required for the Phase One Property.

ii. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that there were no APECs identified at the Phase One Property, a Phase Two Environmental Site Assessment is not required before a record of site condition (RSC) may be submitted with respect to all or part of the Phase One Property.

#### iii. Signatures

The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers is a Professional Engineer registered in Ontario since 2012 and has been working on environmental site assessments since 2006. Mr. Lopers has been an author, project manager and/or peer reviewer for hundreds of Phase One ESAs and Phase Two ESAs as well as previously filed RSCs

The reviewer for this study is Mr. Don Plenderleith, P.Eng. Mr. Plenderleith is a Professional Engineer registered in Ontario since 1994 and has authored and/or reviewed hundreds of Phase One and Two ESAs in Ontario and the rest of Canada. The qualifications of the assessor/Qualified Person and reviewer are included in Appendix K.

Sincerely,

Luke Lopers, P.Eng., QP<sub>ESA</sub>



Don Plenderletto

Don Plenderleith, P.Eng., QP<sub>ESA</sub>

iv. Limitations

The findings and conclusions of this Phase One ESA are based on the information provided and/or reviewed as part of this study.

This Phase One ESA has been completed with the standard of care generally expected in the industry for a study of this nature.

This Phase One ESA has been prepared for the sole use of 3223701 Canada Inc. for the purposes of a due diligence assessment of the potential liabilities which may exist at the Phase One Property. No other party is permitted to rely on the conclusions or findings of this report without the written consent of Lopers & Associates and 3223701 Canada Inc.

There were no portions of the Phase One Property which were inaccessible, or components of this ESA where insufficient information was available to complete the interpretation.

Changes to the physical setting of the Phase One Property, Phase One Study Area and applicable regulations governing Phase One Environmental Site Assessments have the potential to influence the validity of the conclusions and opinions presented in this Phase One ESA.

# 9. References

Legal Survey Plan, Farley, Smith & Denis Surveying Ltd., dated August 1, 2006.

City of Ottawa, geoOttawa mapping website, Visited July through August, 2020. <u>http://maps.ottawa.ca/geoottawa/</u>

City of Ottawa, Development Applications website, Visited August 6, 2020. <u>http://ottwatch.ca/devapps?since=999</u>

Google Earth, Visited July through August, 2020.

Current Development Design Concept Plan, Brigil, dated June 30, 2020.

"Phase I Environmental Site Assessment, Part Lots 6 and 7, Steacie Drive, City of Kanata, Ontario", dated July 2000, completed by Morey Houle Chevrier Engineering Ltd., for Andridge Capital Corporation.

National Pollutant Release Inventory – Environmental Climate Change Canada online website, visited August 6, 2020. <u>https://www.canada.ca/en/services/environment/pollution-waste-management/national-pollutant-release-inventory.html</u>

"Ontario Inventory of PCB Storage Sites", Ministry of Environment and Energy, dated January 1993.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., Dated October 2004.

Ministry of Environment, Conservation and Parks, Environmental Site Registry website, Visited August 6, 2020.

https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDetail?submissionId=226318

Ministry of Natural Resources and Forestry, Ontario GeoHub website, Visited August 28, 2020. https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194\_3?geometry=-75.924%2C45.334%2C-75.904%2C45.336&selectedAttribute=ANSI\_SIGNIFICANCE Ministry of Natural Resources and Forestry, Make a Topographic Map website, Visited August 11, 2020.

https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make A Topographic Map&vie wer=MATM&locale=en-US

Map 1425A titled "Surficial Materials and Terrain features Ottawa Hull", Geological Survey of Canada, F.S. Yeager, L.A. Daley, dated 1974.

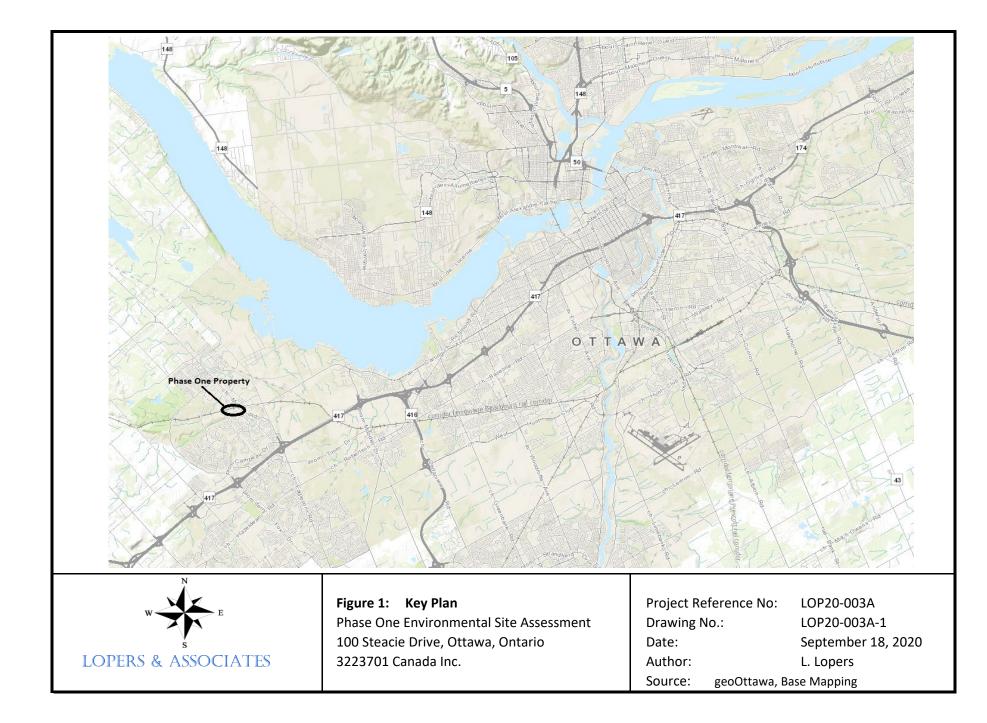
Map P2716 titled "Paleozoic Geology Ottawa Area", Ontario Geological Survey, Wolf, R.R., Williams, D.A., Rae, A.M., dated 1984.

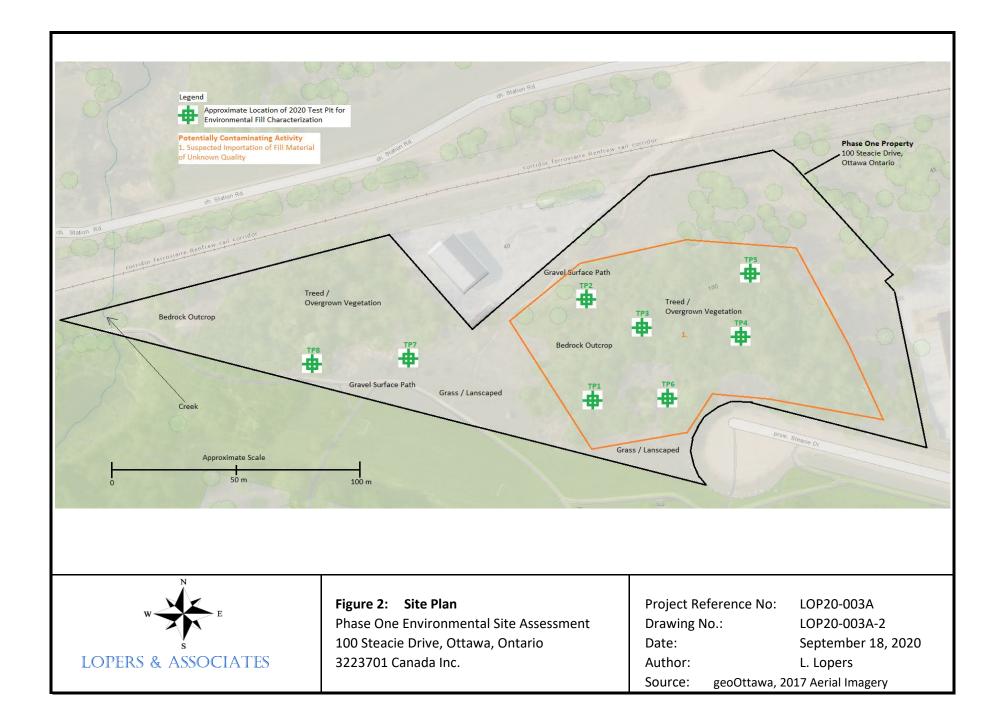
Ministry of Environment, Conservation and Parks, Water Well Records database website, Visited August 28, 2020. <u>https://www.ontario.ca/environment-and-energy/map-well-records</u>

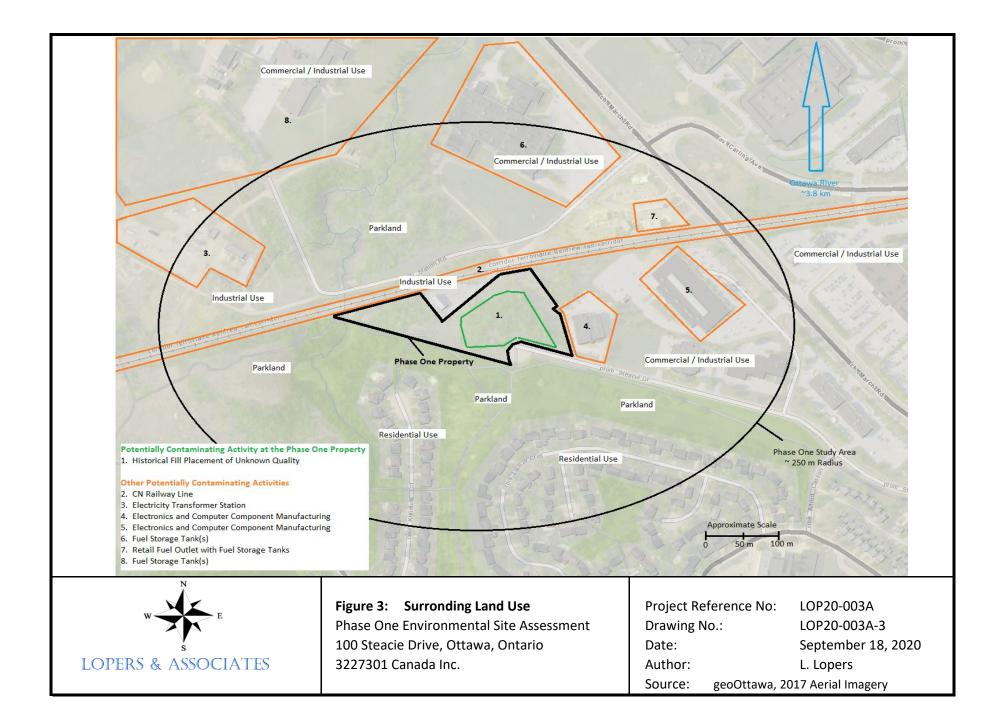
## 1. Appendices

- Appendix A Legal Survey Plan
- Appendix B Current Proposed Design Concept Plan
- Appendix C Environmental Chain of Title prepared by READ Abstracts Limtied
- Appendix D Environmental Risk Information Systems (ERIS) database Search
- Appendix E Ministry of Environment, Conservation and Parks Freedom of Information (FOI) Request
- Appendix F Technical Standards and Safety Association Correspondence
- Appendix G City of Ottawa Historic Land Use Inventory (HLUI)
- Appendix H Aerial Photographs
- Appendix I Topographic Map
- Appendix J Photographic Log
- Appendix K Qualifications of Assessors

# Figures

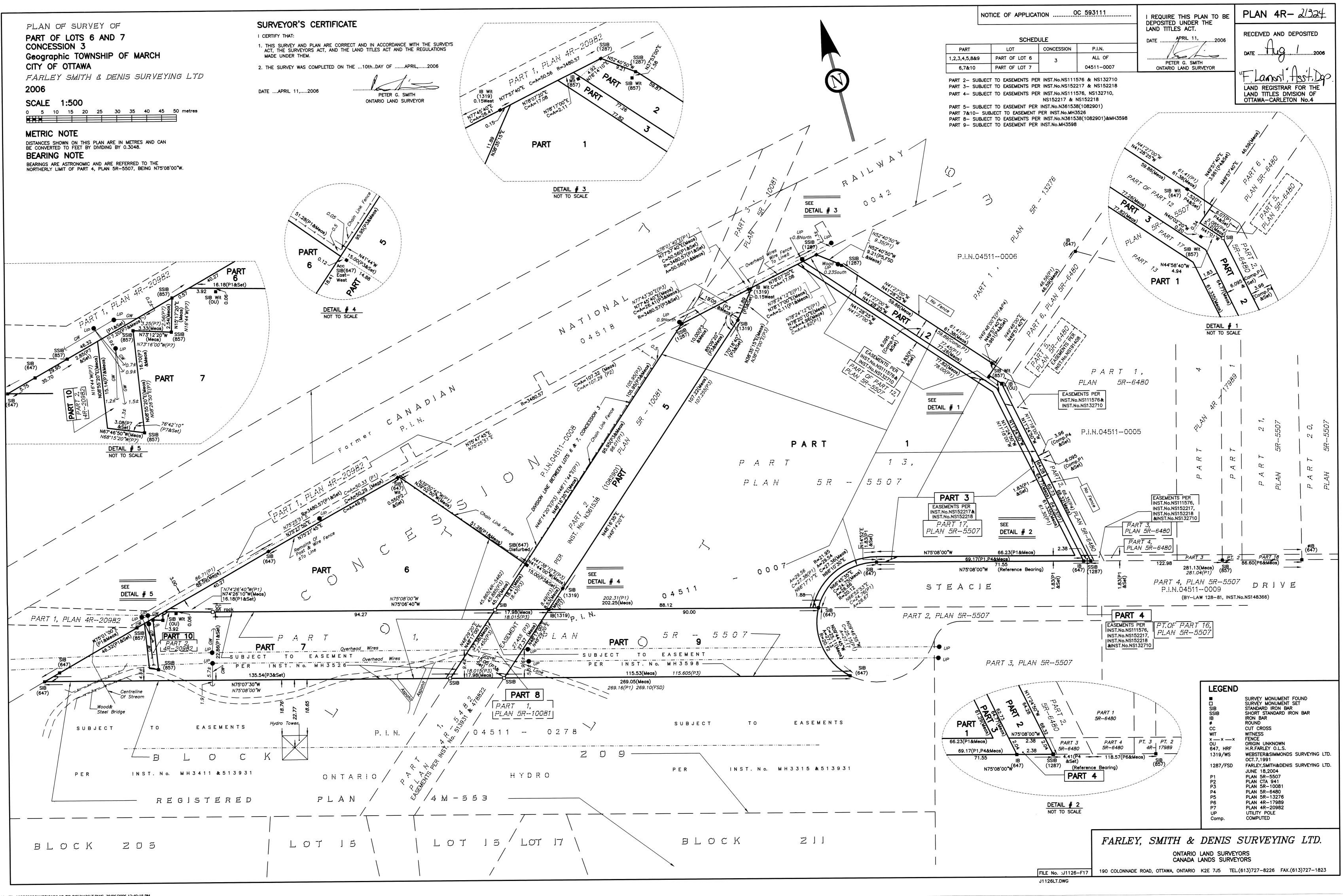






# Appendix A

## Legal Survey Plan



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## Appendix B

## **Current Proposed Design Concept Plan**

### SITE STATISTICS

### BUILDING A

- 145 UNITS
- 164 UNDERGROUND SPACES
- 7 OUTDOOR SPACES

BUILDING B

- 113 UNITS
- 140 UNDERGROUND SPACES
- 6 OUTDOOR SPACES

TOTAL

- 258 UNITS
- 304 UNDERGROUND SPACES
- 13 OUTDOOR SPACES



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BUILDINGB

O MH-S

## Appendix C

## Chain of Title



## **READ Abstracts Limited**

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4 Email: search@readsearch.com Tel.: 613-236-0664 Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

Lopers & Associates Attn: Luke Lopers

BRIEF DESCRIPTION OF LAND:

100 Steacie Dr., Ottawa Part of Lots 6 and 7, Concession 3 March

PIN: 04511-1631

LAST REGISTERED OWNER: 3223701 Canada Inc.

CHAIN OF TITLE:

See attached chain for prior title.

Deed N595385 registered Oct 21, 1991 From Campeau Corporation to Camdev Properties Inc.

Deed LT1320537 registered Sep 15, 2000 From O & Y Properties Inc. to 1202946 Ontario Inc.

1202946 Ontario Inc. changed it's name to Steacie Drive Inc.

Deed OC777963 registered Sep 27, 2007 From Steacie Drive Inc. to 6095186 Canada Inc.

Name Change OC1020816 registered Aug 25, 2009 From 6095186 Canada inc. to 3223701 Canada Inc.

atto. Craig Houle Re. steanie **ENVIRONMENTAL SEARCH** PURCHASER VENDOR TYPE DATE INSTRUMENT # Eduard Loggan (1st6) Crown Patent No Date Edward Loggan S. Eduard Loggen for ROYZQ Deed mar 22 183/ John Breham Edward Loggon of mar 23 R05461 Reed 1856 William Graham quile John Braham Thet Z MH 296 1876 Robert Som William Braham MH 944 Deed Fref 28 1890 Robert Son George a.B. Read Deed ang 8 MH 1856 Seorge mellon Serge a.B. Read Deed aug 20 MH 1860 906 Searge mellon George 9. B. Bead Bud Jon 24 MH 2315

**ENVIRONMENTAL SEARCH** PURCHASER DATE VENDOR TYPE INSTRUMENT # Leonard L. Loggan George 9.B. Read That 16 MH2444 Deed 1915 Shenkman Risperties Jeanand Logan Dec 18 Deed MH4500 Similed. 1959 North march Shenkman Properties Dan 4 seed MH 4821 Similed Realties Similed 1962 (all) William Teron article South march Octy CR599488 Realter finited Simited 1971 Amendment Vanata Developments William Term articles Oct 4 (R599487) Similed Simited [97] Amendmens Compeau Kanata Developmento Oct 4 ateles CREE Corporation Limited 1973 640744 Ŋ amalganation Campeau Corporation Cander Properties N595385 Red set 21 1991 Current owner

ENVIRONMENTAL SEARCH PURCHASER VENDOR DATE TYPE INSTRUMENT # Edward Joggan (Lot) Patent No Date Crown Thet 26 Edward Loggen R03270 Will mary ann Loggen Jane Duncon Estate of many ann Loggon nor 29 R025732 Deed 1865 June 2 alexander Sour Jone Duncan MH 646 Deed 1883 Scorpe Son alexander bour Reed may 26 MH 866 Quit May 7 Claim 1928 Estate of Searge Bou Robert Sour MH3121 Claim Reed County of Carleton ( Unpaid taxes) Clarence C- Baker Tax Oct 27 MH 340> Clarence C - Sites 1936 Reed Robert J. Sour Deed June 3 Clarence C. Baker MH 3599 Clarence C. Sitson 1944

**ENVIRONMENTAL SEARCH** PURCHASER DATE VENDOR TYPE **INSTRUMENT #** per 18 Robert J. Sour MH 4498 Reed Shenkman properties similed 1959 \* See instrument numbers (R 599488 to 1595385 inclusive for the subsequent thain of title. Legal description is Part of toto 6 \$7, Concession 3, Berguppin Township of march now in the City of Ranata, designated as Ranta 1, 13, 12, 16\$ 17 on Clon 4R 5507, Save & equat parts 2,3 \$ 500 Plan 5R-6480. July 10/00

	Ontario	ServiceOnt	OFFICE		PAGE 1 OF 2 PREPARED FOR matthew01 ON 2020/06/10 AT 09:07:35 ESERVATIONS IN CROWN GRANT *	
ROPERTY DES	SCRIPTION:	IN FAVOUR OF THE HYDD HYDRO-ELECTRIC POWER MUNICIPALITY OF OTTA KANATA OVER PARTS 2 2 CABLEVISION LIMITED (	RO-ELECTRIC POWER COMMISSION OF ONT WA-CARLETON OVER P AND 4 ON PLAN 4R21 OVER PARTS 3 AND 4 N 4R21324, AS IN N	ING PARTS 1, 2, 3, 4, 5, 6, 7, 8, 9 AND 10 ON PLAN 4R21324, COMMISSION OF ONTARIO OVER PARTS 7 AND 10 ON PLAN 4R21324, A PARIO OVER PARTS 8 AND 9 ON PLAN 4R21324, AS IN MH3598. SUBJE PARTS 2 AND 4 ON PLAN 4R21324, AS IN NS111576. SUBJECT TO AN 324, AS IN NS132710. SUBJECT TO AN EASEMENT IN FAVOUR OF THE ON PLAN 4R21324, AS IN NS152217. SUBJECT TO AN EASEMENT IN S152218. SUBJECT TO AN EASEMENT IN FAVOUR OF THE REGIONAL MU ED BY LT1082901).	AS IN MH3526. SUBJECT TO AN EASEMENT IN FAVOUR OF THE ECT TO AN EASEMENT IN FAVOUR OF THE REGIONAL EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF E BELL TELEPHONE COMPANY OF CANADA AND OTTAWA FAVOUR OF KANATA HYDRO-ELECTRIC COMMISSION OVER	
ROPERTY REM	IARKS:	FOR THE PURPOSE OF T	HE QUALIFIER THE D	ATE OF REGISTRATION OF ABSOLUTE TITLE IS 2006/08/01.		
STATE/QUALI	FIER:		RECENTLY:		PIN CREATION DATE:	
EE SIMPLE T ABSOLUTE	PLUS		RE-ENTRY FROM	M 04511-0007	2006/08/02	
WNERS' NAME 223701 CANA			<u>CAPACITY</u> <u>SH</u> ROWN	ARE		
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT	INCLUDES ALI	DOCUMENT TYPES AND DE	ELETED INSTRUMENTS	SINCE 2006/08/02 **		
*SUBJECT T	O SUBSECTION	44(1) OF THE LAND TITL	LES ACT, EXCEPT PAI	RAGRAPHS 3 AND 14 AND *		
**	PROVINCIAL SU	CCESSION DUTIES AND	CEPT PARAGRAPH 11	AND ESCHEATS OR FORFEITURE **		
<b>*</b> *	TO THE CROWN	UP TO THE DATE OF REGI	STRATION WITH AN	ABSOLUTE TITLE. **		
МН3526	1942/02/02	TRANSFER EASEMENT		BAKER, CLARENCE C. GIBSON, CLARENCE C.	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	с
MH3598	1944/05/26	CERTIFICATE		*** DELETED AGAINST THIS PROPERTY ***		
REI	1ARKS: EASEME	NT, SEE LT286212			HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	
4H4948	1963/02/12	AGR SUBDIVISION			THE CORPORATION OF THE TOWNSHIP OF MARCH	C
	ARKS: LT9207					
NS109190	1981/01/30	AGREEMENT			THE CORPORATION OF THE CITY OF KANATA	С
NS111576	1981/03/06	TRANSFER EASEMENT	\$1		THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	С
NS132710	1981/10/05	TRANSFER EASEMENT	\$2		THE CORPORATION OF THE CITY OF KANATA	С
NS140350 <i>REI</i>	1982/01/08 MARKS: MULTI	AGREEMENT			THE CORPORATION OF THE CITY OF KANATA	С
NS152217	1982/06/02	TRANSFER EASEMENT			THE BELL TELEPHONE CO. OF CANADA OTTAWA CABLEVISION LIMITED	С

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY. NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP. LAND REGISTRY OFFICE #4

04511-1631 (LT)

PAGE 2 OF 2 PREPARED FOR matthew01 ON 2020/06/10 AT 09:07:35

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
NS152218	1982/06/02	TRANSFER EASEMENT	\$1		KANATA HYDRO-ELECTRIC COMMISSION	С
	ORRECTIONS: 'I	TRANSFER EASEMENT RANSFEREE: THE CITY RANCES LAMONT.	\$2 OF KANATA' DELETED	ON 2006/06/28 BY FRANCES LAMONT. 'TRANSFEREE: THE CORPORATION C	THE CORPORATION OF THE CITY OF KANATA F THE CITY OF KANATA' ADDED ON	С
		TRANSFER EASEMENT 8, N364311, LT478822		THE CORPORATION OF THE CITY OF KANATA 8.	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	С
	2000/09/15 DRRECTIONS: '1		ROM '1202946 ONTARI	*** COMPLETELY DELETED *** O & Y PROPERTIES INC O INC' TO '1202946 ONTARIO INC.' ON 2006/07/07 BY FRANCES LAMON	1202946 ONTARIO INC. T.	
4R21324	2006/08/01	PLAN REFERENCE				С
OC622979		APL ABSOLUTE TITLE		*** COMPLETELY DELETED *** STEACIE DRIVE INC.	STEACIE DRIVE INC.	
RI	EMARKS: OC5931	11				
OC777963	2007/09/27	TRANSFER	\$1,500,000	STEACIE DRIVE INC.	6095186 CANADA INC.	С
OC777964	2007/09/27	CHARGE		*** COMPLETELY DELETED *** 6095186 CANADA INC.	STEACIE DRIVE INC.	
OC1020816	2009/08/25	APL CH NAME OWNER		6095186 CANADA INC.	3223701 CANADA INC.	С
OC1047443	2009/11/03	NOTICE		*** COMPLETELY DELETED *** 3223701 CANADA INC.	STEACIE DRIVE INC.	
RI	emarks: 0C7779	64				
	2010/09/01 EMARKS: 0C7779	DISCH OF CHARGE		*** COMPLETELY DELETED *** STEACIE DRIVE INC.		

## Appendix D

## Environmental Risk Information Systems (ERIS) database Search



**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: Phase One Environmental Site Assessment 100 Steacie Drive Kanata ON K2K 2A9 LOP20-003 Standard Report 20200610238 Lopers & Associates June 15, 2020

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

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Definitions	

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

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### **Executive Summary**

#### Property Information:

Project Property:Phase One Environmental Site Assessment100 Steacie DriveKanata ON K2K 2A9

**Project No:** 

LOP20-003

89.91 M

#### **Coordinates:**

	Latitude:	45.3364089
	Longitude:	-75.9147928
	UTM Northing:	5,020,729.26
	UTM Easting:	428,323.52
	UTM Zone:	18T
•		295 FT

### Elevation:

#### Order Information:

Order No: Date Requested: Requested by: Report Type: 20200610238 June 10, 2020 Lopers & Associates Standard Report

### Historical/Products:

Aerial PhotographsAerials - National CollectionCity Directory SearchCD - Subject Site plus 250m Radius

### Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	9	10
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	4	4
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	35	35
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	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	0	0
NPRI	National Pollutant Release Inventory	Y	0	8	8
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	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	6	6
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
		Total:	1	69	70

### Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>2</u>	EHS		100 Steacie Dr Ottawa ON K2K2A9	WSW/27.8	0.00	<u>24</u>

### Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	EHS		100 Steacie Drive Ottawa ON Kanata ON K2K 2A9	SE/8.1	0.00	<u>24</u>
<u>3</u>	WWIS		lot 7 con 3 ON <i>Well ID:</i> 1503342	NNW/144.3	-2.03	<u>24</u>
<u>4</u>	SPL		26 Station Road Ottawa ON	NE/157.0	-2.34	<u>27</u>
<u>5</u>	CA	OPTOTEK LIMITED	62 STEACIE DR. LOT 6 CONC. 3 KANATA CITY ON K2K 2A9	E/160.1	-1.17	<u>28</u>
<u>5</u>	SCT	Optotek Limited	62 Steacie Dr Kanata ON K2K 2A9	E/160.1	-1.17	<u>28</u>
<u>5</u>	GEN	OPTOTEK LIMITED	62 STEACIE DRIVE KANATA ON K2K 2A9	E/160.1	-1.17	<u>28</u>
<u>5</u>	GEN	OPTOTEK LIMITED 29-514	62 STEACIE DRIVE KANATA ON K2K 2A9	E/160.1	-1.17	<u>29</u>
<u>5</u>	GEN	AMCA INTERNATIONAL LTD. (OUTOFBUS)	RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	E/160.1	-1.17	<u>29</u>
5	GEN	AMCA INTERNATIONAL LTD. (OUTOFBUS) 03-096	RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	E/160.1	-1.17	<u>30</u>
<u>5</u>	EHS		62 Steacie Drive n/a ON K2K 2A9	E/160.1	-1.17	<u>30</u>
<u>5</u>	SCT	Elliptic Technologies Inc.	62 Steacie Dr Suite 201 Kanata ON K2K 2A9	E/160.1	-1.17	<u>30</u>
<u>5</u>	GEN	Optotek Ltd	62 Steacie Drive Ottawa ON	E/160.1	-1.17	<u>30</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>5</u>	GEN	GOLDER ASSOCIATES LTD.	62 STEACIE DRIVE KANATA ON	E/160.1	-1.17	<u>31</u>
<u>5</u>	GEN	Applied Micro Circuits Corporation Canada	62 Steacie Drive, #102 Kanata ON K2K 2A9	E/160.1	-1.17	<u>31</u>
<u>6</u>	BORE		ON	NNW/165.3	-3.12	<u>31</u>
<u>7</u>	EHS		401 March Road Ottawa ON	ENE/241.5	-3.03	<u>32</u>
<u>7</u>	EHS		401 March Rd Ottawa ON K2K0E4	ENE/241.5	-3.03	<u>33</u>
<u>7</u>	ECA	Starbank Developments 401 Corp.	401 March Rd Ottawa ON M5M 2L4	ENE/241.5	-3.03	<u>33</u>
<u>Z</u>	FST	CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE/241.5	-3.03	<u>33</u>
<u>7</u>	FST	CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE/241.5	-3.03	<u>33</u>
<u>Z</u>	FST	CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE/241.5	-3.03	<u>34</u>
<u>7</u>	FST	CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE/241.5	-3.03	<u>34</u>
<u>7</u>	EHS		401 March Rd Ottawa ON K2K0K1	ENE/241.5	-3.03	<u>34</u>
<u>8</u>	SCT	DRS FLIGHT SAFETY & COMM	365 MARCH RD KANATA ON K2K 3N5	E/249.5	-3.06	<u>34</u>
<u>8</u>	GEN	SPAR AEROSPACE	DEFENCE SYSTEMS DIVISION 365 MARCH ROAD KANATA ON K2K 3N5	E/249.5	-3.06	<u>35</u>
		Environmental Bick Information		<u> </u>	. 202006102	

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	GEN	SPAR AEROSPACE LTD DEFENCE	SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O 5090 EXPLORER DR., SUITE 900 MISSISSAUGA ON K2K 3N5	E/249.5	-3.06	<u>35</u>
<u>8</u>	GEN	SPAR AEROSPACE LTD DEFENCE 35-100	SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O P.O. BOX 13050 KANATA ON K2K 3N5	E/249.5	-3.06	<u>36</u>
<u>8</u>	GEN	DRS TECHNOLOGIES CANADA COMPANY	365 MARCH ROAD KANATA ON K2K 2C9	E/249.5	-3.06	<u>36</u>
<u>9</u>	SCT	THERATRONICS INTERNATIONAL LTD	413 MARCH RD KANATA ON K2K	NNE/249.6	-4.00	<u>37</u>
<u>9</u>	GEN	ATOMIC ENERGY OF CANADA LTD.	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>37</u>
<u>9</u>	GEN	ATOMIC (SEE & USE ON1038900)	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>38</u>
<u>9</u>	GEN	ATOMIC (SEE & USE ON1038900) 03-128	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>38</u>
<u>9</u>	GEN	ATOMIC ENERGY (SEE & USE ON1038900)	413 MARCH ROAD KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>38</u>
<u>9</u>	GEN	ATOMIC ENERGY OF CANADA LIMITED	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE/249.6	-4.00	<u>39</u>
<u>9</u>	GEN	ATOMIC ENERGY (OUT OF BUSINESS)	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE/249.6	-4.00	<u>39</u>
<u>9</u>	GEN	ATOMIC ENERGY (OUT OF BUSINESS) 03-242	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE/249.6	-4.00	<u>40</u>
<u>9</u>	GEN	ATOMIC ENERGY (OUT OF BUSINESS)	AECL RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE/249.6	-4.00	<u>40</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>9</u>	GEN	THERATRONICS INTERNATIONAL LIMITED	413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>41</u>
<u>9</u>	GEN	THERATRONICS INTERNATIONAL LIMITED37- 441	413 MARCH ROAD KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>41</u>
<u>9</u>	GEN	THERATRONICS INTERNATIONAL LIMITED	413 MARCH ROAD KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>42</u>
<u>9</u>	GEN	THERATR(SEE & USE ON1141701)	413 MARCH ROAD KANATA ON K2K 2B7	NNE/249.6	-4.00	<u>43</u>
<u>9</u>	GEN	MDS NORDION	413 MARCH ROAD KANATA ON K2K 1X8	NNE/249.6	-4.00	<u>44</u>
<u>9</u>	SCT	Best Medical Canada, Ltd.	413 March Rd Ottawa ON K2K 0E4	NNE/249.6	-4.00	<u>45</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>45</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>46</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>46</u>
<u>9</u>	SCT	Best Medical Canada, Ltd.	413 March Rd Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>47</u>
<u>9</u>	EHS		413 March Road Ottawa (Kanata) ON K2K 0E4	NNE/249.6	-4.00	<u>47</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>47</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>48</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>9</u>	EHS		413 March Road Kanata, Ontario ON K2K 0E4	NNE/249.6	-4.00	<u>49</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>49</u>
<u>9</u>	EBR	Best Theratronics Ltd.	413 Marc Road Ottawa CITY OF OTTAWA ON	NNE/249.6	-4.00	<u>50</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>50</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>51</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>52</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>52</u>
<u>9</u>	EHS		413 March Road Ottawa ON	NNE/249.6	-4.00	<u>53</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON	NNE/249.6	-4.00	<u>54</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>54</u>
<u>9</u>	ECA	Best Theratronics Ltd.	413 Marc Rd Ottawa ON K2K 0E4	NNE/249.6	-4.00	<u>55</u>
<u>9</u>	NPRI	BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>55</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>56</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>57</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>58</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>59</u>
<u>9</u>	NPRI	Best Theratronics Ltd.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE/249.6	-4.00	<u>60</u>
<u>9</u>	GEN	Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE/249.6	-4.00	<u>60</u>

### Executive Summary: Summary By Data Source

### **BORE** - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NNW	165.28	<u>6</u>

#### **CA** - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
OPTOTEK LIMITED	62 STEACIE DR. LOT 6 CONC. 3 KANATA CITY ON K2K 2A9	Е	160.09	<u>5</u>

#### **EBR** - Environmental Registry

A search of the EBR database, dated 1994-Apr 30, 2020 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
Best Theratronics Ltd.	413 Marc Road Ottawa CITY OF OTTAWA ON	NNE	249.56	<u>9</u>

#### **ECA** - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-May 31, 2020 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	Distance (m)	<u>Map Key</u>
Starbank Developments 401 Corp.	401 March Rd Ottawa ON M5M 2L4	ENE	241.47	<u>7</u>
Best Theratronics Ltd.	413 Marc Rd Ottawa ON K2K 0E4	NNE	249.56	<u>9</u>

### **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u> 100 Steacie Drive Ottawa ON Kanata ON K2K 2A9	Direction SE	<u>Distance (m)</u> 8.05	<u>Мар Кеу</u> <u>1</u>
	100 Steacie Dr Ottawa ON K2K2A9	WSW	27.77	<u>2</u>
Lower Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	62 Steacie Drive n/a ON K2K 2A9	E	160.09	<u>5</u>
	401 March Rd Ottawa ON K2K0E4	ENE	241.47	<u>7</u>
	401 March Road Ottawa ON	ENE	241.47	<u>7</u>
	401 March Rd Ottawa ON K2K0K1	ENE	241.47	<u>7</u>
	413 March Road Kanata, Ontario ON K2K 0E4	NNE	249.56	<u>9</u>
	413 March Road Ottawa (Kanata) ON K2K 0E4	NNE	249.56	<u>9</u>
	413 March Road Ottawa ON	NNE	249.56	<u>9</u>

### **FST** - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation CST CANADA CO	<u>Address</u> 401 MARCH RD OTTAWA ON K2K 0K1	Direction ENE	<u>Distance (m)</u> 241.47	<u>Map Key</u> <u>7</u>
CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE	241.47	<u>7</u>
CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE	241.47	Z
CST CANADA CO	401 MARCH RD OTTAWA ON K2K 0K1	ENE	241.47	Z

### **<u>GEN</u>** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 35 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
OPTOTEK LIMITED	62 STEACIE DRIVE KANATA ON K2K 2A9	E	160.09	<u>5</u>
OPTOTEK LIMITED 29-514	62 STEACIE DRIVE KANATA ON K2K 2A9	Е	160.09	<u>5</u>
AMCA INTERNATIONAL LTD. (OUTOFBUS)	RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	E	160.09	<u>5</u>
AMCA INTERNATIONAL LTD. (OUTOFBUS) 03-096	RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	E	160.09	5
Optotek Ltd	62 Steacie Drive Ottawa ON	E	160.09	<u>5</u>

GOLDER ASSOCIATES LTD.	62 STEACIE DRIVE KANATA ON	E	160.09	<u>5</u>
Applied Micro Circuits Corporation Canada	62 Steacie Drive, #102 Kanata ON K2K 2A9	E	160.09	<u>5</u>
SPAR AEROSPACE	DEFENCE SYSTEMS DIVISION 365 MARCH ROAD KANATA ON K2K 3N5	E	249.50	<u>8</u>
SPAR AEROSPACE LTD DEFENCE	SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O 5090 EXPLORER DR., SUITE 900 MISSISSAUGA ON K2K 3N5	E	249.50	<u>8</u>
SPAR AEROSPACE LTD DEFENCE 35-100	SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O P.O. BOX 13050 KANATA ON K2K 3N5	E	249.50	<u>8</u>
DRS TECHNOLOGIES CANADA COMPANY	365 MARCH ROAD KANATA ON K2K 2C9	E	249.50	<u>8</u>
ATOMIC ENERGY (SEE & USE ON1038900)	413 MARCH ROAD KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
ATOMIC ENERGY OF CANADA LIMITED	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE	249.56	<u>9</u>
ATOMIC ENERGY (OUT OF BUSINESS)	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE	249.56	<u>9</u>
ATOMIC ENERGY (OUT OF BUSINESS) 03-242	RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE	249.56	<u>9</u>
ATOMIC ENERGY (OUT OF BUSINESS)	AECL RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	NNE	249.56	<u>9</u>
THERATRONICS INTERNATIONAL LIMITED	413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE	249.56	<u>9</u>

THERATRONICS INTERNATIONAL LIMITED37-441	413 MARCH ROAD KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
THERATRONICS INTERNATIONAL LIMITED	413 MARCH ROAD KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
THERATR(SEE & USE ON1141701)	413 MARCH ROAD KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
MDS NORDION	413 MARCH ROAD KANATA ON K2K 1X8	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
ATOMIC ENERGY OF CANADA LTD.	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
ATOMIC (SEE & USE ON1038900)	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
ATOMIC (SEE & USE ON1038900) 03-128	MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON	NNE	249.56	<u>9</u>

Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
Best Theratronics Ltd.	413 March Road Kanata ON K2K 0E4	NNE	249.56	<u>9</u>

### **NPRI** - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 8 NPRI site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>

Best Theratronics Ltd.	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>
BEST THERATRONICS LTD	413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4	NNE	249.56	<u>9</u>

### **<u>SCT</u>** - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 6 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation Elliptic Technologies Inc.	<u>Address</u> 62 Steacie Dr Suite 201 Kanata ON K2K 2A9	<u>Direction</u> E	<u>Distance (m)</u> 160.09	<u>Map Key</u> <u>5</u>
Optotek Limited	62 Steacie Dr Kanata ON K2K 2A9	E	160.09	<u>5</u>
DRS FLIGHT SAFETY & COMM	365 MARCH RD KANATA ON K2K 3N5	E	249.50	<u>8</u>
Best Medical Canada, Ltd.	413 March Rd Kanata ON K2K 0E4	NNE	249.56	<u>9</u>
THERATRONICS INTERNATIONAL LTD	413 MARCH RD KANATA ON K2K	NNE	249.56	<u>9</u>
Best Medical Canada, Ltd.	413 March Rd Ottawa ON K2K 0E4	NNE	249.56	<u>9</u>

### SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elev	vation <u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
19	erisinfo.com   Environmental Risk Information Services			Order No: 20200610238

26 Station Road	NE	156.95
Ottawa ON		

### WWIS - Water Well Information System

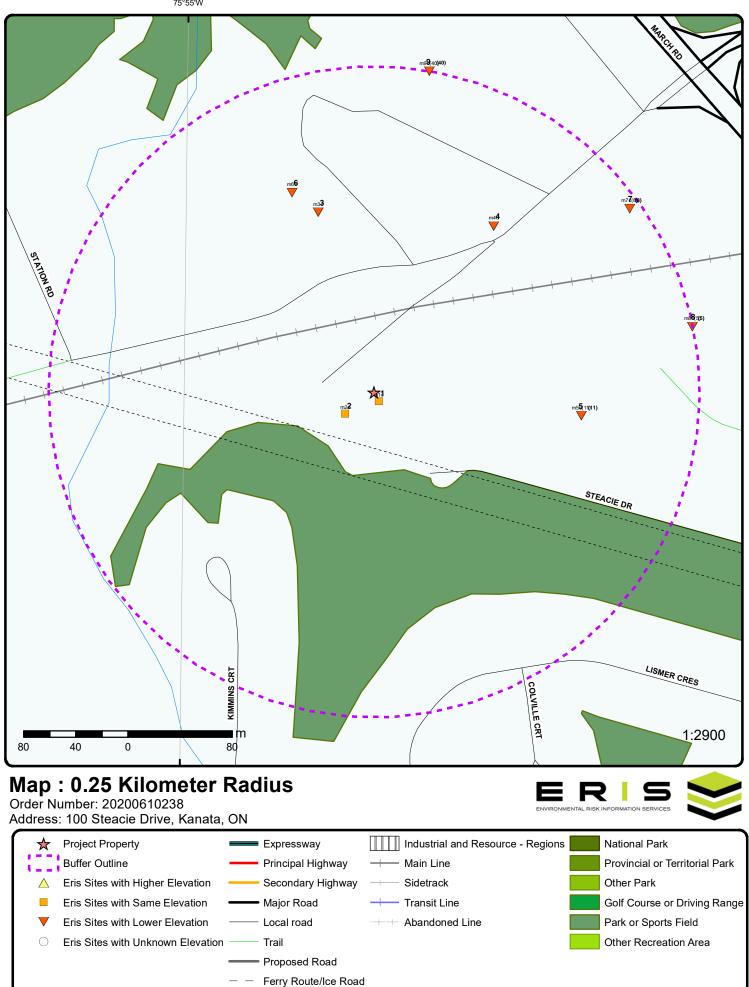
A search of the WWIS database, dated Feb 28, 2019 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	Distance (m)	<u>Map Key</u>
	lot 7 con 3 ON	NNW	144.27	<u>3</u>

Well ID: 1503342

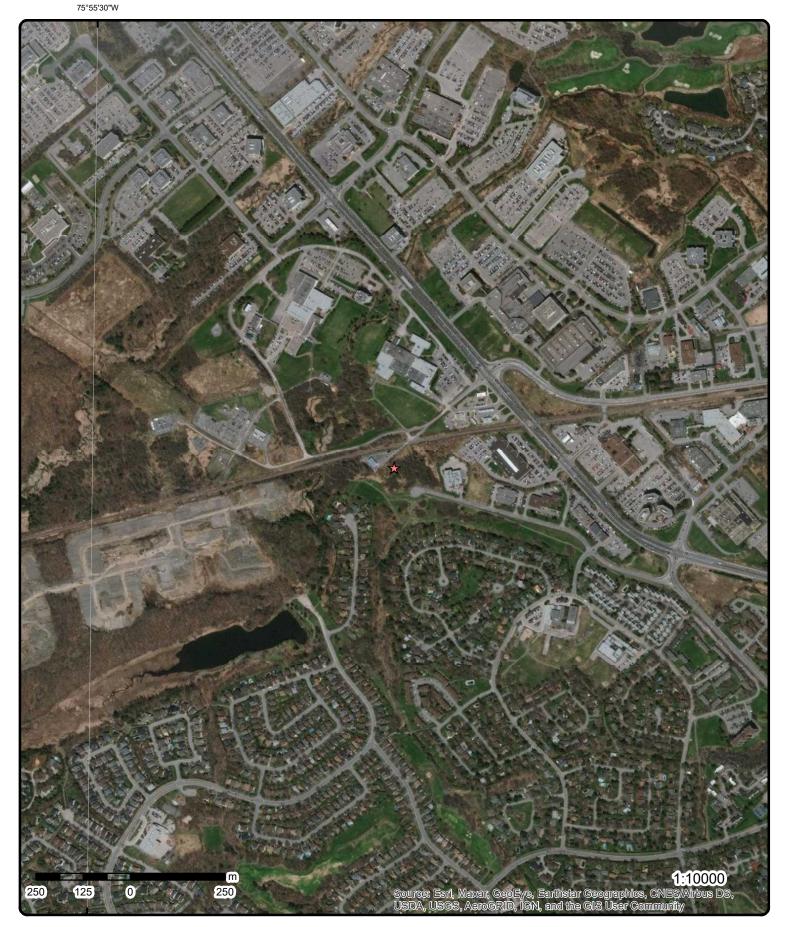
<u>4</u>

75°55'W



Source: © 2015 DMTI Spatial Inc.

© ERIS Information Limited Partnership



Aerial Year: 2019

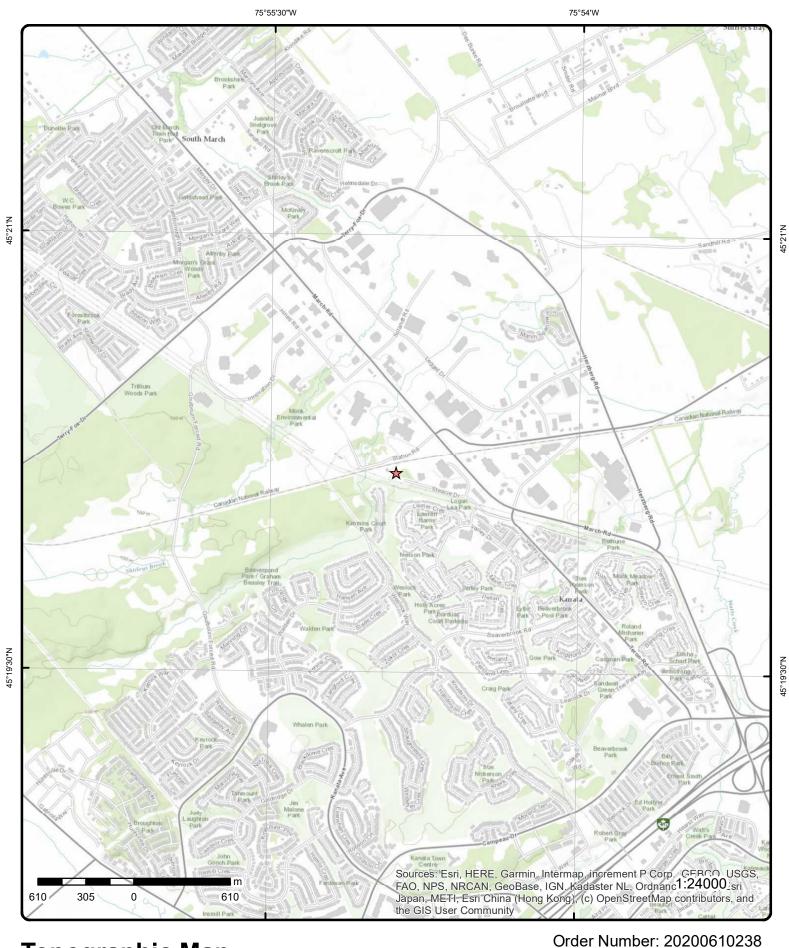
Address: 100 Steacie Drive, Kanata, ON

Source: ESRI World Imagery

Order Number: 20200610238



© ERIS Information Limited Partnership



## **Topographic Map**



Address: 100 Steacie Drive, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

# Detail Report

2       1 of 1       WSW27.8       99.9 / 0.00       100 Steacie Dr Ottawa ON K2K2A9         Order No:       20140703078       Status:       Nearest Intersection:       Municipality:         Report Date:       100-L14       Standard Report       Nearest Intersection:       No.         Previous Site Name:       03-UL-14       Standard Report       No.       25         LovBuilding Size:       5.59 Acres       Additional Info Ordered:       100 Steacle Drive Ottawa ON KAR249         Order No:       20190207037       Nearest Intersection:       Municipality:         Status:       C       Custom Report       Nearest Intersection:         Report Type:       0190207037       Nearest Intersection:       Municipality:         Status:       C       Custom Report       Nearest Intersection:         Report Type:       Custom Report       Nearest Intersection:       Municipality:         Ciferen FrowState:       O'FEE-19       V:       45.336344         2       1 of 1       NW/144.3       87.9 / -2.03       fot 7 con 3         ON       Seconder dt:       Water Suspit       Exection Reliability:       Yes         Primary Water Use:       Public       Seconder dt:       625211965         Seconder dt: <td< th=""><th>D</th><th></th><th>Site</th><th>Elev/Diff (m)</th><th>Direction/ Distance (m)</th><th></th><th>Number Record</th><th>Map Key</th></td<>	D		Site	Elev/Diff (m)	Direction/ Distance (m)		Number Record	Map Key
Status:       C       Municipality:       Non-Network (Internet Contraction of the Prov/State:       ON         Report Date:       10-UU-14       25       Search Radius (km):       .25         Date Received:       03-UU-14       X:       .75.915072         Previous Site Name:       5.59 Acres       Additional Info Ordered:       45.336255         1       1 of 1       SE/8.1       89.9 / 0.00       100 Steacle Drive Ottawa ON Kanata ON K2K 2A9         Drder No:       20190207037       Nearest Intersection:       Municipality:         Status:       C       Client Prov/State:       ON         Report Type:       Custom Report       Client Prov/State:       ON         Status:       C       Client Prov/State:       ON         Status:       C       Client Prov/State:       ON         Report Type:       Custom Report       Search Radius (km):       .15         Date Received:       07-FEB-19       Search Radius (km):       .15         Previous Site Name:       Custom Report       X:       .75.914747         Additional Info Ordered:       Fire Insur. Maps and/or Site Plans       Data Entry Status:       Data Entry Status:         O       Streter Value:       Data Entry Status:       Data Entry Status:	EHS			89.9/0.00	WSW/27.8		1 of 1	<u>2</u>
Report Type:       Standard Report       ON         Bore Received:       03-UUL-14       Search Radius (km):       .25         Previous Site Name:       5.59 Acres       X:       -75.915072         Lot/Building Size:       5.59 Acres       X:       .75.915072         Additional Info Ordered:       5.59 Acres       Y:       45.336255         1       1 of 1       SE/8.1       89.9 / 0.00       100 Steacie Drive Ottawa ON Kanata ON K2K 2A9         Drder No:       20190207037       Nearest Intersection: Municipality:       ON         Status:       C       ON       Search Radius (km):       .75.914747         V:       45.336344       ON       Search Radius (km):       .75.914747         V:       45.336344       ON       Search Radius (km):       .75.914747         V:       45.336344       ON       ON       Search Radius (km):       .15         Date Received:       0.7-FEB-19       X:       .75.914747       Y:       45.336344         Ox901 Date:       File Insur. Maps and/or Site Plans       Date Enceived:       6/25/1965       Search Radius (km):       .15         Sater Katus:       Water Supply       Abandonment Rec:       Contractor:       4/216         Consing Ma			Nearest Intersection:		3078	20140703		Order No:
Report Date:       10-JUL-14       Search Radius (km):       .25         Date Received:       03-JUL-14       X:       .75.51672         Previous Site Name:       5.59 Acres       .45.336255         Lot/Building Size:       5.59 Acres       .45.336255         Lot/Building Size:       5.59 Acres       .45.336255         View Content of Contents       .75.516772         Y:       .45.336255         Drder No:       20190207037         Status:       C         Report Date:       107-FEB-19         Previous Site Name:       .75.514747         order No:       07-FEB-19         Search Radius (km):       .15         Sate Received:       07-FEB-19         Previous Site Name:       .75.914747         ordbuilding Size:       .45.336344         Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3         ON       Neter Use:       0       .25/1965       .25/1965         See: Water Use:       0       .25/1965       .25/1965       .25/1965         See: Water Use:       0       .21/16       .25/1965       .25/1965       .25/1965			Municipality:			С		Status:
Date Received:       03-JUL-14       X:       -75.915072         Previous Stie Name:       5.59 Acres       Y:       45.336255         Jaditional Info Ordered:       Y:       45.336255         J       1 of 1       SE/8.1       89.9 / 0.00       100 Steacle Drive Ottawa ON Kanata ON K2K 2A9         Drder No:       20190207037       Nearest Intersection: Municipality:       ON         Status:       C       Cutom Report       OII FEB-19         Pate Received:       07-FEB-19       X:       -75.914777         Previous Site Name:       .07-FEB-19       X:       -75.914777         Previous Site Name:       .07-FEB-19       X:       -75.914777         Previous Site Name:       .07-FEB-19       X:       -75.914777         Second Info Ordered:       Fire Insur. Maps and/or Site Plans       Second Pate:       .05         Second View:       0       Data Entry Status:       Donstruction Date:       10         Primary Water Use:       Public       Data Secondered:       6/25/1965       Seconder Use:         Sec. Water Use:       0       Selected Flag:       Yes       Abandonment Rec:       Contractor:       4215         Contraction Method:       Evavation (m):       Street Name:       Conneessio								
Previous Site Name:       5.59 Acres         LovBuilding Size:       5.59 Acres         Verter No:       5.59 Acres         1       1 of 1       SE8.1       89.9 / 0.00         100 Steacle Drive Ottawa ON Kanata ON KZK 2A9       Nearest Intersection: Municipality:         Porter No:       20190207037       Nearest Intersection: Municipality:         Report Date:       13-FEB-19       Search Radius (km):       .15         Tate Received:       07-FEB-19       Search Radius (km):       .15         The Volume Site Name:       ON       Search Radius (km):       .15         OSBuilding Size:       V:       45.336344		-	( )					•
Lov/Building Stze:       5.59 Acres         Additional Info Ordered:       5.59 Acres         1       1 of 1       SE/8.1       89.9 / 0.00       100 Steacie Drive Ottawa ON Kanata ON K2K 2A9         Drder No:       20190207037       Nearest Intersection: Municipality:       Municipality:         Status:       C       Custom Report       Client ProvState:       ON         Status:       G       07-FEB-19       Search Radius (km):       .15         The Received:       07-FEB-19       X:       -7.5 514747         Trevious Site Name:       Ordered:       Fire Insur. Maps and/or Site Plans       NWW/144.3       87.9 / -2.03       lot 7 con 3         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3       ON         Vell ID:       1503342       Data Entry Status:       Data Entry Status:       Data Src:       1         Onstruction Date:       Public       Data Src:       1       Data Src:       1         Vell ID:       1503342       Data Src:       1       Data Src:       1         See.otad 10:Size:       0       Selected Flag:       Yes       Abadonment Rec:         Contractor:       2       Contractor:       1       Owner:       Street Name:       Co					4	03-JUL-14		
Additional Into Ordered:         1       1 of 1       SE/8.1       89.9 / 0.00       100 Steacie Drive Ottawa ON Kanata ON KX 2A9         Drder No:       20190207037       Maria ON KXX 2A9         Status:       C       Municipality:         Geport Dype:       Custom Report       Search Radius (km):       15         Status:       07.FEB-19       Search Radius (km):       15         Previous Site Name:       07.FEB-19       Search Radius (km):       15         Sciench Info Ordered:       Tire Insur. Maps and/or Site Plans       New Search Radius (km):       15         3       1 of 1       NNW/144.3       87.9 / -2.03       fot 7 con 3       ON         Search Radius (km):       1503342       Date Entry Status:       Date Received:       6/25/1965         Sec. Water Use:       Public       Search Radius (km):       1       Date Received:       6/25/1965         Sec. Water Use:       Vater Supply       Water Supply       Abandonment Rec:       Contractor:       4216         Primary Mater Use:       Public       Search Rame:       Contractor:       4216         Pasing Material:       Water Supply       Municipality:       March TOWNSHIP         Stee Unicol Method:       Street Name:       Contractor:		45.336255	Y:					
-       Kanata ON K2K 2A9         Order No:       20190207037         Status:       C         Apport Type:       Custom Report         Seport Type:       Custom Report         Seport Type:       Custom Report         Order No:       13-FEB-19         Search Radius (km):       .15         Date Received:       07-FEB-19         V:       45.336344         Status:					-5			-
Driver No:       20190207037       Nearest Intersection:         Status:       C       Municipality:       ON         Report Date:       13-FEB-19       Search Radius (km):       15         Date Received:       07-FEB-19       X:       -75.914747         Previous Site Name:       07-FEB-19       X:       -75.914747         O'Building Size:       V:       45.336344       45.336344         O'Building Size:       Search Radius (km):       15         Vell ID:       1503342       Data Entry Status:       Data Src:       1         Onstruction Date:       Data Src:       1       2       225/965         Search Water Use:       Public       Data Src:       1       2         Site Nater Use:       0       Selected Flag:       Yes         Sinal Well Status:       Water Supply       Abandonment Rec:       2         Vater Type:       Contractor:       4 216       2         Sonstruction Method:       Country:       OTTAWA-CARLETON         Stee Info:       County:       OTTAWA-CARLETON         Vater Type:       Stee Info:       0         Street Name:       County:       OTTAWA-CARLETON         Street Name:       Concession:	EHS	wa ON		89.9 / 0.00	SE/8.1		1 of 1	1
Status:       C       Municipality:       ON         Report Type:       Custom Report       Client ProvState:       ON         Sterch Radius (km):       .15       .15         Jate Received:       07-FEB-19       X:       .75.914747         Previous Site Name:       .07.FEB-19       X:       .75.914747         OrkBuilding Size:       .45.336344       .45.336344         Additional Info Ordered:       Fire Insur. Maps and/or Site Plans       .45.336344								
Report Type:       Custom Report       Client Praviliant       Client Praviliant       ON         Report Date:       13-FEB-19       Search Radius (km):       15         Jate Received:       07-FEB-19       X:       -75.914747         Previous Site Name:       Y:       45.336344         ov/Building Size:       Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3       ON         Well ID:       1503342       Data Entry Status:       Data Src:       1         Primary Water Use:       Public       Data Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Vater Type:       Contractor:       4216         Casing Material:       Form Version:       1         Vater Type:       Street Name:       OTTAWA-CARLETON         Construction Method:       Contractor:       03         Evation (m):       Lot:       007         Evation (m):       Concession:       03         Street Name:       CON       Concession Name:         OVerburden/Bedrock:       Concession Name:       CON         Pump Rate:       Cone:       Zone:<					7037			
Report Date:       13-FEB-19       Search Radius (km):       15         Date Received:       07-FEB-19       X:       -75.914747         previous Site Name:       Y:       45.336344         additional info Ordered:       Fire Insur. Maps and/or Site Plans       Y:       45.336344         3       1 of 1       NNW/144.3       87.9/-2.03       lot 7 con 3       ON         Well ID:       1503342       Data Entry Status:       Construction Date:       1         Primary Water Use:       Public       Data Entry Status:       Contractor:       4216         Sec. Water Use:       0       Selected Flag:       Yes         Trail Well Status:       Water Supply       Abandonment Rec:       Contractor:       4216         Addit No:       Form Version:       1       Municipality:       MARCH TOWNSHIP         Street Name:       Countractor:       4216       Street Name:       Countractor:       4216         Casing Material:       Municipality:       MARCH TOWNSHIP       Site Info:       007       Municipality:       MARCH TOWNSHIP         Street Name:       Countractor:       03       Concession:       03       Concession:       03         Depth to Bedrock:       Lot:       007       <		ON			Poport	-		
Date Received:       07-FEB-19       X:       -75.914747         Previous Site Name:       Y:       45.336344         Orbuilding Size:       Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3         Onstruction Date:       1503342       Data Entry Status:       Data Src:       1         Onstruction Date:       Public       Data Src:       1       16/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Abandonment Rec:       Abandonment Rec:       4216         Assing Material:       Form Version:       1         Audit No:       Owner:       Street Name:         Construction Method:       Site Info:       0         Street Name:       Concession:       03         Opth to Bedrock:       Lot:       007         Vend Depth:       Concession:       03         Depth to Bedrock:       Northing NAD83:       Zone:         Towng Rate:       Vater Supply       Vater Supply:         Static Water Level:       Northing NAD83:       Zone:         Towng Rate:       UTM Reliability:       Zone:         Static Water Level:								
Previous Site Name:       Y:       45.336344         .ot/Building Size:       Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3 ON         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3 ON         Well ID:       1503342       Data Entry Status:       Data Received:       6/25/1965         Sec. Water Use:       0       Data Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Abandonment Rec:       Contractor:       4216         Casing Material:       Form Version:       1         Vater Type:       Street Name:       County:       OTTAWA-CARLETON         Casing Material:       Municipality:       MARCH TOWNSHIP         Stevation Reliability:       Street Name:       County:       OTTAWA-CARLETON         Municipality:       March TOWNSHIP       Site Info:       Descin:       Dot         Street Name:       Concession:       03       Concession:       03         Overburden/Bedrock:       Concession:       03       Concession:       03         Overburden/Bedrock:       Basting NAD83:       Zone:       Zone:			. ,					•
cot/Building Size:       Ire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3 ON         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3 ON         Well ID:       1503342       Data Entry Status:         Donstruction Date:       Data Src:       1         Primary Water Use:       Public       Data Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Vater Supply       Abandonment Rec:       Contractor:       4216         Zasing Material:       Form Version:       1         Audit No:       Street Name:       Country:       OTTAWA-CARLETON         Scevator (n):       Site Info:       Site Info:       Date Site Info:         Selector Reliability:       Site Info:       Date Site Info:       Date Site Info:         Depth to Bedrock:       Concession:       03       ON         Varid Water Level:       Northing NAD83:       Zone:       Zone:         Towng Ket:       UTM Reliability:       Zone:       Zone:         Powrate:       Concession Isine:       Con       Con         Static Water Level:       Morthing NAD83:       Zone:       Zone					19			
Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         3       1 of 1       NNW/144.3       87.9 / -2.03       lot 7 con 3 ON         Mell ID:       1503342       Data Entry Status: Data Src:       1         Construction Date:       Data Entry Status:       Data Src:       1         Primary Water Use:       0       Data Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Trial Well Status:       Water Supply       Abandonment Rec:       Contractor:       4216         Audit No:       Form Version:       1       Owmer:       Terest Name:         Construction Method:       Street Name:       County:       OTTAWA-CARLETON         Elevation (m):       Stel Info:       Lot:       007         Stel Info:       Lot:       007       ON         Derph to Bedrock:       Concession Name:       CON         Pump Rate:       Easting NAD83:       Zone:       Tore:         Towing (YN):       Zone:       Zone:       Tore:       Tore:         Flow Rate:       UTM Reliability:       Zone:       Zone:       Zone:		-0.00001-1	1.					
3       1 of 1       NNW/144.3       87.9/-2.03       lot 7 con 3 ON         Well ID:       1503342       Data Entry Status:       Data Src:       1         Construction Date:       Public       Data Src:       6/25/1965         Sec. Water Use:       0       Date Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Vater Type:       Omy       Abandonment Rec:       2         Construction Method:       Owner:       1         Fag:       Street Name:       County:       OTTAWA-CARLETON         Construction Method:       Site Info:       007         Clevation (m):       Site Info:       007         Concession Name:       Concession Name:       Concession Name:         Depth:       Concession Name:       Cont         Dump Rate:       Easting MAD83:       Northing NAD83:         Static Water Level:       Zone:       Zone:         Towing (Y/N):       Zone:       UTM Reliability:         Clear/Cloudy:       UTM Reliability:       Zone:				d/or Site Plans	Fire Insur. Maps and	ed:		
Well ID:       1503342       Data Entry Status:         Construction Date:       Data Src:       1         Primary Water Use:       Public       Date Received:       6/25/1965         Sec. Water Use:       0       Selected Flag:       Yes         Final Well Status:       Water Supply       Abandonment Rec:       Vater Type:         Contractor:       4216         Casing Material:       Form Version:       1         Audit No:       Form Version:       1         Fag:       Street Name:       Contractor:       4216         Construction Method:       County:       OTTAWA-CARLETON         Elevation (m):       Municipality:       MARCH TOWNSHIP         Elevation Reliability:       Site Info:       Dot         Depth to Bedrock:       Concession:       03         Overburden/Bedrock:       Concession:       03         Overburden/Bedrock:       Northing NAD83:       Static Water:         Paw Rate:       Cone:       Cone:         Paw Rate:       UTM Reliability:       Cone:         Conection       Static Water Level:       Static Water Level:       Northing NAD83:         Flow Rate:       UTM Reliability:       Clear/Cloudy:       Clear/Cloudy:								
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Elevation Reliability:Site Info:Depth to Bedrock:Lot:007Well Depth:Concession:03Overburden/Bedrock:Concession Name:CONPump Rate:Easting NAD83:Static Water Level:Northing NAD83:Flowing (Y/N):Zone:Flow Rate:UTM Reliability:Clear/Cloudy:Concession Name:			•					
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Vell Depth:Concession:03Overburden/Bedrock:Concession Name:CONOverburden/Bedrock:Concession Name:CONPump Rate:Easting NAD83:Static Water Level:Northing NAD83:Flowing (Y/N):Zone:Flow Rate:UTM Reliability:Clear/Cloudy:Concession Name:		007						
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Pump Rate:Easting NAD83:Static Water Level:Northing NAD83:Flowing (Y/N):Zone:Flow Rate:UTM Reliability:Clear/Cloudy:UTM Reliability:							Bedrock:	•
Static Water Level: Northing NAD83: Flowing (Y/N): Zone: Flow Rate: UTM Reliability: Clear/Cloudy:							Deal Och.	
Flowing (Y/N): Zone: Flow Rate: UTM Reliability: Clear/Cloudy:							Level	
Flow Rate: UTM Reliability: Clear/Cloudy:								
Clear/Cloudy:							,	
Bore Hole Information							/:	
						!	formation	Bore Hole In
Bore Hole ID:         10025385         Elevation:         85.883888           DP2BR:         62         Elevrc:		85.883888			5		):	

Map Key	Number Records			 Site		DE
Spatial Status	:			Zone:	18	
Code OB:		v		East83:	428280.6	
Code OB Dese	c:	Overburc	len below Bedrock	North83:	5020867	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	5	
Date Complete	ed:	6/22/196	5	UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:						
Location Sour						
Improvement						
Improvement Source Revisi						
Supplier Com						
Overburden a		<u>r</u>				
Materials Inter	<u>rval</u>					
Formation ID:			930996623			
Layer:			3			
Color:			2			
General Color Mat1:			GREY			
	n Matariali		21 GRANITE			
Most Commoı Mat2:	n wateriai:		GRANITE			
Other Material	le <sup>,</sup>					
Mat3:	13.					
Other Material	ls:					
Formation Top			62			
Formation En			85			
Formation En	d Depth UO	М:	ft			
<u>Overburden a</u> Materials Intel		<u>.</u>				
			020006624			
Formation ID:			930996621 1			
Layer: Color:			1			
General Color						
Mat1:	-		05			
Most Common	n Material <sup>.</sup>		CLAY			
Mat2:	matoman					
Other Material	ls:					
Mat3:						
Other Material						
			0			
Formation En			40			
Formation En		М:	40 ft			
Formation En Formation En Overburden a	d Depth UO <u>nd Bedrock</u>					
Formation En Formation En Overburden a Materials Inter	d Depth UO <u>nd Bedrock</u> rval		ft			
Formation En Formation En <u>Overburden a</u> <u>Materials Inter</u> Formation ID:	d Depth UO <u>nd Bedrock</u> rval		ft 930996625			
Formation En Formation En <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer:	d Depth UO <u>nd Bedrock</u> rval		ft 930996625 5			
Formation En Formation En <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color:	d Depth UO <u>nd Bedrock</u> rval		ft 930996625 5 7			
Formation En Formation En <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color	d Depth UO <u>nd Bedrock</u> rval		ft 930996625 5 7 RED			
Formation End Formation End <u>Overburden al</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1:	d Depth UO <u>nd Bedrock</u> rval 		ft 930996625 5 7 RED 21			
Formation Toj Formation End Formation End <u>Overburden and Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common	d Depth UO <u>nd Bedrock</u> rval 		ft 930996625 5 7 RED			
Formation End Formation End Overburden an Materials Intel Formation ID: Layer: Color: General Color Mat1: Most Common Mat2:	d Depth UO <u>nd Bedrock</u> rval :: n Material:		ft 930996625 5 7 RED 21			
Formation En Formation En <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material	d Depth UO <u>nd Bedrock</u> rval :: n Material:		ft 930996625 5 7 RED 21			
Formation En Formation En <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3:	d Depth UO n <u>d Bedrock</u> rval :: n Material: ls:		ft 930996625 5 7 RED 21			
Formation End Formation End <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Commol	d Depth UO <u>nd Bedrock</u> rval :: n Material: Is:		ft 930996625 5 7 RED 21			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer: Color:		930996622 2			
General Colo Mat1: Most Commo		11 GRAVEL			
Mat2: Other Materia Mat3: Other Materia					
Formation To Formation Er	p Depth:	40 62 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo		930996624 4			
Mat1: Most Commo Mat2: Other Materia	n Material:	09 MEDIUM SAND			
Mat3: Other Materia Formation To Formation Er Formation Er	p Depth:	85 86 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	-			
Method Cons	truction Code:	1 Cable Tool			
Pipe Informat	tion				
Pipe ID: Casing No: Comment: Alt Name:		10573955 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or	Material:	930043522 1 1 STEEL			
Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter UOM:	90 5 inch ft			

### Construction Record - Casing

Casing ID:	930043523
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	130
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID:	991503342
Pump Set At:	
Static Level:	9
Final Level After Pumping:	58
Recommended Pump Depth:	80
Pumping Rate:	10
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:	8
Pumping Duration MIN:	0
Flowing:	Ν

#### Water Details

Water ID:	933456236
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

<u>4</u> 1	of 1	NE/157.0	87.6 / -2.34	26 Station Road Ottawa ON		SPL
Ref No:		3714-9KRLF2		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2014/06/04		Health/Env Conseq:		
Year:				Client Type:		
Incident Cause:	•	Leak/Break		Sector Type:	Transformer	
Incident Event:				Agency Involved:		
Contaminant Co	ode:	15		Nearest Watercourse:		
Contaminant Na	ame:	TRANSMISSION OIL		Site Address:	26 Station Road	
Contaminant Li	mit 1:			Site District Office:		
Contam Limit Fi	req 1:			Site Postal Code:		
Contaminant UI	N No 1:			Site Region:		
Environment Im	npact:	Confirmed		Site Municipality:	Ottawa	
Nature of Impac	et:	Soil Contamination		Site Lot:		
Receiving Medi	um:			Site Conc:		
Receiving Env:				Northing:		
MOE Response.	:	No Field Response		Easting:		
Dt MOE Arvl on	Scn:			Site Geo Ref Accu:		
MOE Reported	Dt:	2014/06/04		Site Map Datum:		

Map Key	Number Records			Elev/Diff m)	Site	DB
Dt Document Incident Reas Site Name: Site County/I Site Geo Ref	nson: District:	2014/11/07 Equipment Failure 26 Station	n Road <unof< td=""><td>FICIAL&gt;</td><td>SAC Action Class: Land Spills Source Type:</td><td></td></unof<>	FICIAL>	SAC Action Class: Land Spills Source Type:	
Site Geo Ref Incident Sum Contaminant	nmary:	Hydro One 2 L	9: 2L transforr	mer oil to grou	nd	
<u>5</u>	1 of 11	E/160.1		8.7/-1.17	OPTOTEK LIMITED 62 STEACIE DR. LOT 6 CONC. 3 KANATA CITY ON K2K 2A9	СА
Certificate #: Application \ Issue Date: Approval Typ Status: Application 1 Client Name:	Year: pe: Type: :	8-4011-87 87 1/15/1988 Industrial a Approved i	3 air			
Client Addres Client City: Client Postal Project Desc Contaminant Emission Co	ess: I Code: cription: ts:	HALOGON	NATED SOLV	/ENTS		
5	2 of 11	E/160.1	88	8.7/-1.17	Optotek Limited 62 Steacie Dr Kanata ON K2K 2A9	SCT
Established: Plant Size (ft <sup>:</sup> Employment:	t²):	1977 5000				
<u>Details</u> Description: SIC/NAICS C		Semicondu 334410	uctor and Oth	er Electronic	Component Manufacturing	
Description: SIC/NAICS C		Manufactu 334610	iring and Rep	roducing Mag	gnetic and Optical Media	
Description: SIC/NAICS C		Computer 541510	Systems Des	sign and Relat	ted Services	
<u>5</u>	3 of 11	E/160.1	88	8.7/-1.17	OPTOTEK LIMITED 62 STEACIE DRIVE KANATA ON K2K 2A9	GEN
Generator No	o:	ON0135401			PO Box No:	
Status: Approval Yea Contam. Faci	cility:	90,98,99,00,01,02,03	3,04,05		Country: Choice of Contact: Co Admin: Dhone Ne Admin:	
MHSW Facilia SIC Code:	-	3352 ELECT. P/	PARTS & COM	<i>I</i> P.	Phone No Admin:	
SIC Descripti						
SIC Descripti <u>Detail(s)</u>						

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class	Desc:		INORGANIC LABO	RATORY CHEM	ICALS	
Waste Class: Waste Class			212 ALIPHATIC SOLVE	INTS		
Waste Class: Waste Class			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
<u>5</u>	4 of 11		E/160.1	88.7/-1.17	OPTOTEK LIMITED 29-514 62 STEACIE DRIVE KANATA ON K2K 2A9	GEN
Generator No	o:	ON0135	5401		PO Box No:	
Status: Approval Yea Contam. Faci MHSW Facili	ility:	92,93,94	4,95,96,97		Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	ion:	3352	ELECT. PARTS & (	COMP.		
<u>Detail(s)</u>						
Waste Class: Waste Class			212 ALIPHATIC SOLVE	INTS		
Waste Class: Waste Class			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
<u>5</u>	5 of 11		E/160.1	88.7/-1.17	AMCA INTERNATIONAL LTD.(OUTOFBUS) RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	GEN
Generator No	0:	ON0480	0500		PO Box No:	
Status: Approval Yea Contam. Fac	ility:	86,87,88	88,89 PLATE WORK INDUSTRY		Country: Choice of Contact: Co Admin:	
MHSW Facili SIC Code: SIC Descripti	-	3022			Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			211 AROMATIC SOLVE	ENTS		
Waste Class: Waste Class			212 ALIPHATIC SOLVE	INTS		
Waste Class: Waste Class			213 PETROLEUM DIST	TILLATES		
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class			253 EMULSIFIED OILS			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
5	6 of 11		E/160.1	88.7 / -1.17	AMCA INTERNATIONAL LTD.(OUTOFBUS) 0 096 RESEARCH & TECHNOLOGY CENTRE 62 STEACIE DRIVE KANATA ON K2K 2A9	<sup>33-</sup> GEN
Generator N	lo:	ON0480	500		PO Box No:	
Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	cility: lity:	92,93,94 3022	,95,96,97,98 PLATE WORK INI		<i>Country: Choice of Contact: Co Admin: Phone No Admin:</i>	
Sie Descript						
<u>5</u>	7 of 11		E/160.1	88.7/-1.17	62 Steacie Drive n/a ON K2K 2A9	EHS
Order No: Status: Report Type Report Date Date Receive Previous Sit Lot/Building Additional In	: ed: te Name: ı Size:	2006032 C Online M 3/23/200 3/23/200	lapless 6		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: Y:	
<u>5</u>	8 of 11		E/160.1	88.7/-1.17	Elliptic Technologies Inc. 62 Steacie Dr Suite 201 Kanata ON K2K 2A9	SCT
Established. Plant Size (f Employmen	ťt²):		01-AUG-01			
<u>Details</u> Description: SIC/NAICS (			Manufacturing and 334610	Reproducing Ma	gnetic and Optical Media	
Description: SIC/NAICS (			Semiconductor and 334410	d Other Electronic	Component Manufacturing	
<u>5</u>	9 of 11		E/160.1	88.7/-1.17	Optotek Ltd 62 Steacie Drive Ottawa ON	GEN
Generator N	lo:	ON69736	632		PO Box No:	
Status: Approval Ye Contam. Fac		06			Country: Choice of Contact: Co Admin:	
MHSW Facil SIC Code: SIC Descript	lity:	334410	Semiconductor and	d Other Electronic	Phone No Admin: Component Manuf	
<u>Detail(s)</u>						
Waste Class Waste Class			148 INORGANIC LABO	DRATORY CHEM	CALS	

Map Key Numbe Record		Elev/Diff (m)	Site		DB
Waste Class: Waste Class Desc:	211 AROMATIC SOLVE	ENTS			
Waste Class: Waste Class Desc:	252 WASTE OILS & LU	BRICANTS			
Waste Class: Waste Class Desc:	263 ORGANIC LABOR/	ATORY CHEMIC	ALS		
Waste Class: Waste Class Desc:	331 WASTE COMPRES	SSED GASES			
5 10 of 11	E/160.1	88.7/-1.17	GOLDER ASSOCIAT 62 STEACIE DRIVE KANATA ON	ES LTD.	GEN
Generator No: Status:	ON7637612		PO Box No: Country:		
Approval Years: Contam. Facility:	2011		Choice of Contact: Co Admin:		
MHSW Facility: SIC Code:	541620		Phone No Admin:		
SIC Description:	011020				
5 11 of 11	E/160.1	88.7/-1.17	Applied Micro Circui 62 Steacie Drive, #10 Kanata ON K2K 2A9	ts Corporation Canada 2	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6281754 Registered As of Dec 2017		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	148 C Misc. wastes and ir	norganic chemical	S		
<u>6</u> 1 of 1	NNW/165.3	86.8/-3.12	ON		BORE
Borehole ID:	609748		Inclin FLG:	No	
OGF ID: Status:	215511363		SP Status: Surv Elev:	Initial Entry No	
Type: Use:	Borehole		Piezometer: Primary Name:	No	
Completion Date: Static Water Level:	3.4		Municipality: Lot:		
Primary Water Use:	0.4		Township:		
Sec. Water Use: Total Depth m:	-999		Latitude DD: Longitude DD:	45.337778 -75.915618	
Depth Ref:	Ground Surface		UTM Zone:	18	
Depth Elev: Drill Method:			Easting: Northing:	428261 5020882	
Driil Methoa: Orig Ground Elev m:	85.3		Northing: Location Accuracy:	JUZU00Z	
Elev Reliabil Note:			Accuracy:	Not Applicable	
DEM Ground Elev m: Concession: Location D: Survey D:	86				

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

Comments:

## Borehole Geology Stratum

Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3:	218383982 18.9 Bedrock Granite	<i>Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:</i>	
Material 4: Gsc Material Description Stratum Description:	BEDROCK, GRANII	<b>Depositional Gen:</b> E. 400. BEDROCK. SEISMIC VELOCITY = the department have a truncated [Stratum D	14500. GRANITE. 00100VELOCIT **Note: Mar escription] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 269.0 FEET.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description Stratum Description:	218383980 0 12.2 Clay	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: mated Information System (UGAIS) RecordID: 022560 NTS_Sheet: 31G05D but incomplete.	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source List Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Auto Geological Survey o	Horizontal Datum: Vertical Datum: Projection Name: mated Information System (UGAIS) f Canada	NAD27 Mean Average Sea Level Universal Transverse Mercator
7 1 of 8 Order No:	<b>ENE/241.5</b> 20071112022	86.9 / -3.03 401 March Road Ottawa ON Nearest Intersection:	EHS March Road and Station Road

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Status: Report Type: Report Date: Date Receive Previous Site		C CAN - Cor 11/16/200 11/12/200			Municipality: Client Prov/State: Search Radius (km): X: Y:	0.25 -75.911851 45.337737	
Lot/Building Additional Inf			Fire Insur. Maps And	l /or Site Plans			
<u>7</u>	2 of 8		ENE/241.5	86.9 / -3.03	401 March Rd Ottawa ON K2K0E4		EHS
Order No: Status:		20130806 C	003		Nearest Intersection: Municipality:		
Report Type: Report Date: Date Receive		Custom R 14-AUG-1 06-AUG-1	3		Client Prov/State: Search Radius (km):	ON .25 -75.912193	
Previous Site Lot/Building	Name: Size:				X: Y:	45.337671	
Additional Inf	fo Ordered:		Fire Insur. Maps and	/or Site Plans; City	Directory		
<u>7</u>	3 of 8		ENE/241.5	86.9 / -3.03	Starbank Development 401 March Rd Ottawa ON M5M 2L4	s 401 Corp.	ECA
Approval No: Approval Date Status: Record Type: Link Source:	e:	0186-9VR 2015-04-2 Approved ECA IDS	-		MOE District: City: Longitude: Latitude: Geometry X:		
SWP Area Na Approval Typ Project Type: Address: Full Address:	e:	-	ECA-INDUSTRIAL S INDUSTRIAL SEWA 401 March Rd		Geometry Y:		
Full PDF Link			https://www.accesse	nvironment.ene.go	v.on.ca/instruments/6937-9	TKK69-14.pdf	
<u>7</u>	4 of 8		ENE/241.5	86.9 / -3.03	CST CANADA CO 401 MARCH RD OTTAWA ON K2K 0K1		FST
Instance No: Cont Name:		1	64688412				
Instance Type Fuel Type: Status: Capacity:	e:		FS Liquid Fuel Tank Gasoline Active 65000				
Tank Material Corrosion Pro Tank Type:			Fiberglass (FRP) NULL Double Wall UST				
Install Year: Parent Facilit Facility Type:			2015 FS Gasoline Station FS Liquid Fuel Tank	- Self Serve			
<u>7</u>	5 of 8		ENE/241.5	86.9 / -3.03	CST CANADA CO 401 MARCH RD OTTAWA ON K2K 0K1		FST
Instance No: Cont Name:			64688413				
33	erisinfo.co	m   Enviro	nmental Risk Infor	mation Services			Order No: 20200610238

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Instance Type Fuel Type:	ə:	FS Liquid Fuel Tank Gasoline				
Status:		Active				
Capacity:		65000				
Tank Material	:	Fiberglass (FRP)				
Corrosion Pro	otection:	NULL				
ank Type:		Double Wall UST				
nstall Year:		2015				
Parent Facility	y Type:	FS Gasoline Station	- Self Serve			
Facility Type:		FS Liquid Fuel Tank				
<u>7</u>	6 of 8	ENE/241.5	86.9/-3.03	CST CANADA CO 401 MARCH RD OTTAWA ON K2K 0K1		FST
Instance No:		64688414				
Cont Name:						
Instance Type	e:	FS Liquid Fuel Tank				
Fuel Type:		Gasoline				
Status:		Active				
Capacity: Tank Material		35000 Fiberglass (FRP)				
Corrosion Pro		NULL				
Tank Type:		Double Wall UST				
Install Year:		2015				
Parent Facility	v Type:	FS Gasoline Station	- Self Serve			
Facility Type:		FS Liquid Fuel Tank				
<u>7</u>	7 of 8	ENE/241.5	86.9/-3.03	CST CANADA CO 401 MARCH RD OTTAWA ON K2K 0K1		FST
				OTTAWA ON KZK UKT		
Instance No: Cont Name:		64688415				
Instance Type	a <i>r</i>	FS Liquid Fuel Tank				
Fuel Type:	-	Diesel				
Status:		Active				
Capacity:		25000				
Tank Material	:	Fiberglass (FRP)				
Corrosion Pro	otection:	NULL				
Tank Type:		Double Wall UST				
Install Year:		2015				
Parent Facility		FS Gasoline Station				
Facility Type:		FS Liquid Fuel Tank				
<u>7</u>	8 of 8	ENE/241.5	86.9/-3.03	401 March Rd Ottawa ON K2K0K1		EHS
Order No:		20151109074		Nearest Intersection:		
Status:		C		Municipality:		
Report Type:		Custom Report		Client Prov/State:	ON	
Report Date:		13-NOV-15		Search Radius (km):	.25	
Date Received		09-NOV-15		Х:	-75.912046	
Previous Site				Y:	45.337797	
Lot/Building S						
Additional Inf	o Urdered:					
<u>8</u>	1 of 5	E/249.5	86.8 / -3.06	DRS FLIGHT SAFETY 365 MARCH RD	& COMM	SCT
		m   Environmental Risk Info				

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
					KANATA ON K2K 3N5			
Established: Plant Size (fi Employment	t²):		1967 1200 90					
<u>Details</u> Description: SIC/NAICS C			GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNITS AND PROPULSION UNIT PARTS 3764					
Description: SIC/NAICS C			GUIDED MISSILE A CLASSIFIED 3769	ND SPACE VEH	IICLE PARTS AND AUXILIARY EQUIPMENT, NOT ELSEWHERE			
<u>8</u>	2 of 5		E/249.5	86.8 / -3.06	SPAR AEROSPACE DEFENCE SYSTEMS DIVISION 365 MARCH ROAD KANATA ON K2K 3N5	GEN		
Status: Approval Ye	Generator No:ON07Status:Approval Years:86,87Contam. Facility:Contam. Facility:				PO Box No: Country: Choice of Contact: Co Admin:			
MHSW Facil SIC Code: SIC Descript	ity:	3359	OTHER COMMUN.	& ELE.	Phone No Admin:			
<u>Detail(s)</u>								
Waste Class Waste Class			112 ACID WASTE - HEA	AVY METALS				
Waste Class Waste Class			212 ALIPHATIC SOLVE	NTS				
Waste Class Waste Class			241 HALOGENATED SO	OLVENTS				
Waste Class Waste Class			252 WASTE OILS & LUI	BRICANTS				
<u>8</u>	3 of 5		E/249.5	86.8 / -3.06	SPAR AEROSPACE LTDDEFENCE SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O 5090 EXPLORER DR., SUITE 900 MISSISSAUGA ON K2K 3N5	GEN		
Generator N Status:	o:	ON0161	502		PO Box No: Country:			
Approval Ye Contam. Fac		89,90			Country: Choice of Contact: Co Admin:			
MHSW Facil SIC Code: SIC Descript		3359	OTHER COMMUN.	& ELE.	Phone No Admin:			
<u>Detail(s)</u>								
Waste Class Waste Class			112 ACID WASTE - HE/	AVY METALS				
Waste Class	:		145					

Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff n) (m)	Site	DB
Waste Class	Desc:		PAINT/PIGMEN	T/COATING RESIDU	JES	
Waste Class Waste Class			148 INORGANIC LAI	BORATORY CHEMI	CALS	
Waste Class Waste Class			212 ALIPHATIC SOL	VENTS		
Waste Class Waste Class			241 HALOGENATED	SOLVENTS		
Waste Class Waste Class			252 WASTE OILS &	LUBRICANTS		
Waste Class Waste Class			263 ORGANIC LABC	DRATORY CHEMICA	ALS	
<u>8</u>	4 of 5		E/249.5	86.8 / -3.06	SPAR AEROSPACE LTDDEFENCE 35-100 SYSTEMS DIV. 365 MARCH ROAD, KANATA C/O P.O. BOX 13050 KANATA ON K2K 3N5	GEN
Generator No Status:	o:	ON0161	502		PO Box No: Country:	
Approval Ye		92,93,94	1,95,96		Country: Choice of Contact: Co Admin:	
Contam. Fac MHSW Facili					Co Admin: Phone No Admin:	
SIC Code: SIC Descript	ion:	3359	OTHER COMMU	JN. & ELE.		
<u>Detail(s)</u>						
Waste Class Waste Class			112 ACID WASTE - I	HEAVY METALS		
Waste Class Waste Class			145 PAINT/PIGMEN <sup>-</sup>	T/COATING RESIDU	JES	
Waste Class Waste Class			148 INORGANIC LAI	BORATORY CHEMI	CALS	
Waste Class Waste Class			212 ALIPHATIC SOL	VENTS		
Waste Class Waste Class			241 HALOGENATED	SOLVENTS		
Waste Class Waste Class			252 WASTE OILS &	LUBRICANTS		
Waste Class Waste Class			263 ORGANIC LABC	RATORY CHEMICA	ALS	
<u>8</u>	5 of 5		E/249.5	86.8 / -3.06	DRS TECHNOLOGIES CANADA COMPANY 365 MARCH ROAD KANATA ON K2K 2C9	GEN
Generator N	o:	ON2304	801		PO Box No:	
Status: Approval Ye Contam. Fac	ility:	97,98,99	9,00,01		Country: Choice of Contact: Co Admin:	
MHSW Facili SIC Code:	ty:	3359			Phone No Admin:	

erisinfo.com | Environmental Risk Information Services

Order No: 20200610238

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Descripti	ion:		OTHER COMMUN	N. & ELE.		
<u>Detail(s)</u>						
Waste Class: Waste Class			148 INORGANIC LABO	ORATORY CHEMI	CALS	
Waste Class: Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class: Waste Class			241 HALOGENATED S	SOLVENTS		
Waste Class: Waste Class			252 WASTE OILS & LI	UBRICANTS		
Waste Class: Waste Class			263 ORGANIC LABOF	RATORY CHEMIC	ALS	
Waste Class: Waste Class			112 ACID WASTE - HI	EAVY METALS		
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES	
<u>9</u>	1 of 40		NNE/249.6	85.9 / -4.00	THERATRONICS INTERNATIONAL LTD 413 MARCH RD KANATA ON K2K	SCT
Established: Plant Size (ft <sup>.</sup> Employment.	²):		1952 0 260			
<u>Details</u> Description: SIC/NAICS C	ode:		ELECTROMEDIC 3845	AL AND ELECTRC	DTHERAPEUTIC APPARATUS	
<u>9</u>	2 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY OF CANADA LTD. MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	GEN
Generator No Status: Approval Yea	ars:	ON0029 86,87	9501		PO Box No: Country: Choice of Contact:	
Contam. Facili MHSW Facili SIC Code: SIC Descripti	ty:	8176	RESEARCH ADM	IN.	Co Admin: Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			241 HALOGENATED S	SOLVENTS		
Waste Class: Waste Class			264 PHOTOPROCESS	SING WASTES		
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES	
Waste Class:	·		212			

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff ) (m)	Site	DB
Waste Class	Desc:		ALIPHATIC SOLV	/ENTS		
Waste Class: Waste Class			253 EMULSIFIED OIL	S		
<u>9</u>	3 of 40		NNE/249.6	85.9 / -4.00	ATOMIC (SEE & USE ON1038900) MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	GEN
Generator No	D:	ON0029	9501		PO Box No:	
Status: Approval Yea Contam. Faci	ility:	88,89,90	0		Country: Choice of Contact: Co Admin:	
MHSW Facilia SIC Code: SIC Descripti	•	8176	RESEARCH ADM	11N.	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
Waste Class: Waste Class	-		146 OTHER SPECIFIE	ED INORGANICS		
Waste Class: Waste Class			212 ALIPHATIC SOLV	/ENTS		
Waste Class: Waste Class			241 HALOGENATED	SOLVENTS		
Waste Class: Waste Class			253 EMULSIFIED OIL	S		
Waste Class: Waste Class			264 PHOTOPROCES	SING WASTES		
<u>9</u>	4 of 40		NNE/249.6	85.9 / -4.00	ATOMIC (SEE & USE ON1038900) 03-128 MEDICAL, 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	GEN
Generator No	o:	ON0029	9501		PO Box No:	
Status: Approval Yea Contam. Facilit MHSW Facilit	ility:	92,93,94	4,95,96,97		Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	•	8176	RESEARCH ADM	1IN.	Fridhe No Adhini.	
<u>9</u>	5 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY (SEE & USE ON1038900) 413 MARCH ROAD KANATA ON K2K 2B7	GEN
Generator No	D:	ON0029	9501		PO Box No:	
Status: Approval Yea Contam. Faci	ility:	98			Country: Choice of Contact: Co Admin:	
MHSW Facilia SIC Code: SIC Descripti	•	8176	RESEARCH ADN	11N.	Phone No Admin:	

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	D
<u>9</u>	6 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY OF CANADA LIMITED RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	GEI
Generator No	o:	ON0029	502		PO Box No:	
Status: Approval Yea Contam. Faci	ility:	86,87,88	3		Country: Choice of Contact: Co Admin:	
MHSW Facili SIC Code: SIC Descripti	•	8225	REGULATORY SE	RVICES	Phone No Admin:	
Detail(s)						
Waste Class: Waste Class			112 ACID WASTE - HE	AVY METALS		
Waste Class: Waste Class			114 OTHER INORGAN	IIC ACID WASTE	S	
Waste Class: Waste Class			122 ALKALINE WASTE	ES - OTHER MET	ALS	
Waste Class: Waste Class			145 PAINT/PIGMENT/0	COATING RESID	UES	
Waste Class: Waste Class			148 INORGANIC LABC	ORATORY CHEM	ICALS	
Waste Class: Waste Class			211 AROMATIC SOLV	ENTS		
Waste Class: Waste Class			212 ALIPHATIC SOLVI	ENTS		
Waste Class: Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class			251 OIL SKIMMINGS 8	& SLUDGES		
Waste Class: Waste Class			252 WASTE OILS & LL	JBRICANTS		
Waste Class: Waste Class			263 ORGANIC LABOR	ATORY CHEMIC	ALS	
Waste Class: Waste Class			267 ORGANIC ACIDS			
Waste Class: Waste Class			331 WASTE COMPRE	SSED GASES		
<u>9</u>	7 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY (OUT OF BUSINESS) RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	GEI
Generator No Status:	): 	ON0029	502		PO Box No: Country:	
Approval Yea Contam. Fac		89,90			Choice of Contact: Co Admin:	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facili SIC Code: SIC Descripti	-	8225	REGULATORY SE	ERVICES	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESID	JES	
Waste Class: Waste Class			148 INORGANIC LABO	ORATORY CHEM	ICALS	
Waste Class: Waste Class			211 AROMATIC SOLV	/ENTS		
Waste Class: Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class: Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class			241 HALOGENATED S	SOLVENTS		
Waste Class: Waste Class			251 OIL SKIMMINGS a	& SLUDGES		
Waste Class: Waste Class			252 WASTE OILS & LI	UBRICANTS		
Waste Class: Waste Class			263 ORGANIC LABOF	RATORY CHEMIC	ALS	
Waste Class: Waste Class			267 ORGANIC ACIDS			
Waste Class: Waste Class			331 WASTE COMPRE	SSED GASES		
Waste Class: Waste Class			112 ACID WASTE - HE	EAVY METALS		
Waste Class: Waste Class			114 OTHER INORGAN	NIC ACID WASTES	5	
Waste Class: Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS	
<u>9</u>	8 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY (OUT OF BUSINESS) 03-242 RADIOCHEMICAL COMPANY 413 MARCH ROAD KANATA ON K2K 1X8	GEN
Status:			N0029502 93,94,95,96,97		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	ion:	8225	REGULATORY SE	ERVICES		
<u>9</u>	9 of 40		NNE/249.6	85.9 / -4.00	ATOMIC ENERGY (OUT OF BUSINESS) AECL RADIOCHEMICAL COMPANY 413 MARCH ROAD	GEN

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
					KANATA ON K2K 1X8	
Generator No Status:		ON0029 98	9502		PO Box No: Country: Choice of Contact:	
Approval Yea Contam. Faci MHSW Facilit	lity:				Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	on:	8225	REGULATORY SI	ERVICES		
<u>9</u>	10 of 40		NNE/249.6	85.9 / -4.00	THERATRONICS INTERNATIONAL LIMITED 413 MARCH ROAD P.O. BOX 13140 KANATA ON K2K 2B7	GEN
Generator No Status:	:	ON1038900			PO Box No: Country:	
Approval Yea Contam. Faci	lity:	88,89,9	0		Choice of Contact: Co Admin:	
MHSW Facilit SIC Code: SIC Descripti	-	8176	RESEARCH ADM	IN.	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
Waste Class: Waste Class			146 OTHER SPECIFIE	ED INORGANICS		
Waste Class: Waste Class			148 INORGANIC LAB	ORATORY CHEM	ICALS	
Waste Class: Waste Class			212 ALIPHATIC SOLV	'ENTS		
Waste Class: Waste Class			241 HALOGENATED S	SOLVENTS		
Waste Class: Waste Class			253 EMULSIFIED OIL	S		
Waste Class: Waste Class			263 ORGANIC LABOF	RATORY CHEMIC	ALS	
Waste Class: Waste Class			264 PHOTOPROCES	SING WASTES		
<u>9</u>	11 of 40		NNE/249.6	85.9 / -4.00	THERATRONICS INTERNATIONAL LIMITED37- 441 413 MARCH ROAD KANATA ON K2K 2B7	GEN
Generator No	:	ON1038	3900		PO Box No:	
Status: Approval Yea Contam. Faci MHSW Facilit	lity:	92,93,94,95,96			Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	-	3081	MACHINE SHOP	IND.		

## <u>Detail(s)</u>

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Waste Class: Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
Waste Class: Waste Class			131 NEUTRALIZED W	ASTES - HEAVY M	METALS		
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES		
Waste Class: Waste Class			146 OTHER SPECIFIE	ED INORGANICS			
Waste Class: Waste Class			148 INORGANIC LAB	ORATORY CHEMI	CALS		
Waste Class: Waste Class			211 AROMATIC SOLV	/ENTS			
Waste Class: Waste Class			212 ALIPHATIC SOLV	/ENTS			
Waste Class: Waste Class			221 LIGHT FUELS				
Waste Class: Waste Class			241 HALOGENATED	SOLVENTS			
Waste Class: Waste Class			253 EMULSIFIED OIL	S			
Waste Class: Waste Class			263 ORGANIC LABOF	RATORY CHEMIC	ALS		
Waste Class: Waste Class			264 PHOTOPROCES	SING WASTES			
Waste Class: Waste Class			312 PATHOLOGICAL	WASTES			
<u>9</u>	12 of 40		NNE/249.6	85.9 / -4.00	THERATRONICS INTERNATI 413 MARCH ROAD KANATA ON K2K 2B7	IONAL LIMITED GEN	
Generator No	<b>)</b> :	ON1038	900		PO Box No:		
Status: Approval Yea		97,98			Country: Choice of Contact:		
Contam. Faci MHSW Facilit					Co Admin: Phone No Admin:		
SIC Code: SIC Descripti	ion:	3081	MACHINE SHOP IND.				
<u>Detail(s)</u>							
Waste Class: Waste Class			263 ORGANIC LABOF	RATORY CHEMIC	ALS		
Waste Class: Waste Class			221 LIGHT FUELS				
Waste Class: Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES		
Waste Class:			122				
	erisinfo		ronmental Risk In	formation Service	26	Order No: 20200610238	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Waste Class	Desc:		ALKALINE WASTE	S - OTHER MET	ALS		
Waste Class: Waste Class			131 NEUTRALIZED WA	ASTES - HEAVY	METALS		
Waste Class: Waste Class			241 HALOGENATED S	OLVENTS			
Waste Class: Waste Class			253 EMULSIFIED OILS	i			
Waste Class: Waste Class			264 PHOTOPROCESS	ING WASTES			
Waste Class: Waste Class			312 PATHOLOGICAL V	VASTES			
Waste Class: Waste Class			146 OTHER SPECIFIE	D INORGANICS			
Waste Class: Waste Class			148 INORGANIC LABC	RATORY CHEM	IICALS		
Waste Class: Waste Class			211 AROMATIC SOLVE	ENTS			
Waste Class: Waste Class			212 ALIPHATIC SOLVE	ENTS			
<u>9</u>	13 of 40		NNE/249.6	85.9 / -4.00	THERATR(SEE & USE ON1141701) 413 MARCH ROAD KANATA ON K2K 2B7	GEN	
Generator No	o:	ON1038	900		PO Box No:		
Status: Approval Yea		99,00			Country: Choice of Contact:		
Contam. Fac. MHSW Facili		0004			Co Admin: Phone No Admin:		
SIC Code: SIC Descript	ion:	3081	MACHINE SHOP II	ND.			
<u>Detail(s)</u>							
Waste Class: Waste Class			122 ALKALINE WASTE	S - OTHER MET	ALS		
Waste Class: Waste Class			131 NEUTRALIZED WA	ASTES - HEAVY	METALS		
Waste Class: Waste Class			145 PAINT/PIGMENT/C	OATING RESID	UES		
Waste Class: Waste Class			146 OTHER SPECIFIED INORGANICS				
Waste Class: Waste Class			148 INORGANIC LABC	RATORY CHEM	IICALS		
Waste Class: Waste Class			211 AROMATIC SOLVE	ENTS			
Waste Class: Waste Class			212 ALIPHATIC SOLVE	ENTS			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class I			221 LIGHT FUELS			
Waste Class: Waste Class I			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class I			253 EMULSIFIED OILS	;		
Waste Class: Waste Class I			263 ORGANIC LABOR/	ATORY CHEMIC	CALS	
Waste Class: Waste Class I			312 PATHOLOGICAL V	VASTES		
Waste Class: Waste Class I			264 PHOTOPROCESS	ING WASTES		
<u>9</u>	14 of 40		NNE/249.6	85.9 / -4.00	MDS NORDION 413 MARCH ROAD KANATA ON K2K 1X8	GEN
Generator No Status:	:	ON1141	701		PO Box No:	
Approval Yea		99,00,01			Country: Choice of Contact:	
Contam. Facil MHSW Facilit					Co Admin: Phone No Admin:	
SIC Code: SIC Descriptio	on:	3081	MACHINE SHOP IN	ND.		
<u>Detail(s)</u>						
Waste Class: Waste Class I			146 OTHER SPECIFIEI	D INORGANICS		
Waste Class: Waste Class I			122 ALKALINE WASTE	S - OTHER MET	TALS	
Waste Class: Waste Class I			131 NEUTRALIZED WA	ASTES - HEAVY	METALS	
Waste Class: Waste Class I	Desc:		143 STEEL MAKING RI	ESIDUES		
Waste Class: Waste Class I			145 PAINT/PIGMENT/C	COATING RESID	DUES	
Waste Class: Waste Class I			148 INORGANIC LABO	RATORY CHEM	1ICALS	
Waste Class: Waste Class I			211 AROMATIC SOLVE	ENTS		
Waste Class: Waste Class I			212 ALIPHATIC SOLVE	ENTS		
Waste Class: Waste Class I			221 LIGHT FUELS			
Waste Class: Waste Class I			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class I			253 EMULSIFIED OILS	;		

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMICA	LS	
Waste Class Waste Class			264 PHOTOPROCESS	SING WASTES		
Waste Class Waste Class			312 PATHOLOGICAL V	WASTES		
<u>9</u>	15 of 40		NNE/249.6	85.9 / -4.00	Best Medical Canada, Ltd. 413 March Rd Ottawa ON K2K 0E4	SCT
Established: Plant Size (ft Employment	²):		1/1/1984 3000			
<u>Details</u> Description: SIC/NAICS C	ode:		Measuring, Medica 334512	al and Controlling D	evices Manufacturing	
Description: SIC/NAICS C	ode:		Measuring, Medica 334512	al and Controlling D	evices Manufacturing	
<u>9</u>	16 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4	GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: ility: ty:	ON8046 07,08 333299 3	333519 333990		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: acturing, Other Metalworking Machinery Manufactu	ring, All Other General-
<u>Detail(s)</u>						
Waste Class Waste Class			145 PAINT/PIGMENT/0	COATING RESIDU	ES	
Waste Class Waste Class			148 INORGANIC LABC		CALS	
Waste Class Waste Class			212 ALIPHATIC SOLVI	ENTS		
Waste Class Waste Class			241 HALOGENATED S	SOLVENTS		
Waste Class Waste Class			252 WASTE OILS & LU	JBRICANTS		
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMICA	LS	
Waste Class			264 PHOTOPROCESS	SING WASTES		
Waste Class	Desc.					

Map Key	Number of Records	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site	DB
Waste Class	Desc:	WASTE COMPRES	SSED GASES		
Waste Class Waste Class	-	112 ACID WASTE - HE	AVY METALS		
Waste Class Waste Class	-	146 OTHER SPECIFIE	D INORGANICS		
9	17 of 40	NNE/249.6	85.9 / -4.00	BEST THERATRONICS LTD 413 MARCH ROAD NOT AVAILABLE	NPRI

9 18 of 40	NNE/249.6	85.9 / -4.00	BEST THERATRON		
NAICS 6 Description:	Medical equipme	nt and supplies man	nufacturing		
NAICS Code (6 digit):	339110				
NAICS 4 Description:	Medical equipme	nt and supplies man	nufacturing		
NAICS Code (4 digit):	3391				
NAICS 2 Description:	Manufacturing				
NAICS Code (2 digit):	33				
American SIC Code:					
SIC Code Description:					
Canadian SIC Code:					
Canadian SIC Code (2	diait):				
No of Stacks:			No of Shutdown:		
Stacks:	No		Shutdown:	No	
Pollut Prev Cmnts:	No		No Off Sites:	1	
No Parent Co.:	1.4		Waste Off Sites:	Yes	
Parent Co.:	N		No Streams:	NU	
No of Empl.:	150		Waste Streams:	Νο	
URL:	theratronics.ca		UTM Easting:		
Facility Cmnts:	1963 No		UTM Northing:		
Facility DLS: Datum:	1983		Longitude: UTM Zone:	-70.9141	
DLS (Last Filed Rpt):			Latitude:	45.3388 -75.9141	
, ,	-75.9141		Contact Email:	45.3388	
Facility Lat: Facility Long:	45.3388 -75.9141				
Fac Postal Zip:	K2K0E4 45.3388		Cont Fax Area Cde: Contact Fax:		
	K2K0E4		Contact Ext.: Cont Fax Area Cde:		
Fac Address1: Fac Address2:	NOT AVAILABLE		Contact Tel.: Contact Ext.:		
Fac Name: Fac Address1:	413 MARCH ROAD		Contact Tel.:		
Fac ID: Fac Name:	BEST THERATRONICS		Cont Area Code:		
Fac ID:	2014 224293		Contact Pax: Contact Ph.:		
Not-Current Rpt?: Yr of Last Filed Rpt:	No 2014		Contact Position: Contact Fax:		
Report Year:	2008 No		Cont Last Name:		
Rpt Type ID:	1		Cont First Name:		
Report Type:	NPRI		Contact Title:		
Report ID:	124670		Cont Type:		
Track ID:	63699		Contact ID:		
No Other ID:			Last Modified:	5/29/2015 3:28:24 PM	
Other ID:	N		Submit Date:	5/25/2009	
NPRI ID:	11667		Org ID:	38990	
			•••••••••••		
			413 MARCH ROAD		

NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type: Rpt Type ID: Report Year: Not-Current Rpt?:

84222 138088 NPRI 1 2009

11667

Ν

No

#### BEST THERATRONICS LTD 413 MARCH ROAD NOT AVAILABLE OTTAWA ON K2K0E4

Org ID:

Submit Date:

Last Modified:

Contact ID:

Cont Type:

Contact Title:

Cont First Name:

Cont Last Name:

**Contact Position:** 

38990 5/14/2010 5/29/2015 3:28:24 PM NPRI

Map Key	Number Records		Elev/Diff n) (m)	Site		DB
Yr of Last File Fac ID:	ed Rpt:	2014 224293		Contact Fax: Contact Ph.:		
Fac Name:	4.	BEST THERATRONICS		Cont Area Code:		
Fac Address1 Fac Address2		413 MARCH ROAD NOT AVAILABLE		Contact Tel.: Contact Ext.:		
Fac Postal Zi		K2K0E4		Cont Fax Area Cde:		
Facility Lat:	μ.	45.3388		Contact Fax:		
Facility Long	:	-75.9141		Contact Email:		
DLS (Last File				Latitude:	45.3388	
Facility DLS:	• /			Longitude:	-75.9141	
Datum:		1983		UTM Zone:		
Facility Cmnt	ts:	No		UTM Northing:		
URL:		theratronics.ca		UTM Easting:		
No of Empl.:		150		Waste Streams:	No	
Parent Co.:		Ν		No Streams:	N/	
No Parent Co		No		Waste Off Sites:	Yes	
Pollut Prev C	mnts:	No		No Off Sites:	1	
Stacks: No of Stacks:		No		Shutdown: No of Shutdown:	No	
Canadian SIC	=	iait)-		No or Shutdown:		
Canadian SIC	•	igit).				
SIC Code Des						
American SIC						
NAICS Code	(2 digit):	33				
NAICS 2 Desc		Manufacturing				
NAICS Code	(4 digit):	3391				
NAICS 4 Desc	cription:	Medical equipme	ent and supplies mar	nufacturing		
NAICS Code		339110				
NAICS 6 Desc	cription:	Medical equipme	ent and supplies mar	nufacturing		
<u>9</u>	19 of 40	NNE/249.6	85.9 / -4.00	Best Medical Canada 413 March Rd Kanata ON K2K 0E4	, Ltd.	SCT
Established: Plant Size (ft² Employment:	,	01-JAN-84 3000				
<u>Details</u> Description: SIC/NAICS Co	ode:	Measuring, Med 334512	ical and Controlling I	Devices Manufacturing		
<b>-</b> • •		Manager Mari		Sectors Manufacture		
Description: SIC/NAICS Co	ode:	Measuring, Med 334512	ical and Controlling I	Devices Manufacturing		
9	20 of 40	NNE/249.6	85.9 / -4.00	413 March Road Ottawa (Kanata) ON I	K2K 0E4	EHS
Order Ne.		20110225001		Nearest Interception	March Road and Station Road	
Order No: Status:		20110225001 C		Nearest Intersection: Municipality:	Ottawa	
Report Type:		Custom Report		Client Prov/State:	ON	
Report Date:		3/8/2011		Search Radius (km):	0.25	
Date Receive	d:	2/25/2011 8:50:30 AM		X:	-75.914443	
Previous Site				Y:	45.339314	
Lot/Building	Size:	18.050 acres				
Additional Inf	fo Ordered:	Fire Insur. Maps	and/or Site Plans			
<u>9</u>	21 of 40	NNE/249.6	85.9 / -4.00	BEST THERATRONIC 413 MARCH ROAD N OTTAWA ON K2K0E4	OT AVAILABLE	NPRI
	erisinfo co	m   Environmental Risk I	nformation Servic	es	Order No: 2020	0610238

NPRI ID.     11667     Org ID:     101831       No Other ID:     1     Last Modified:     5/292015       No Other ID:     1     Last Modified:     5/292015       Track ID:     642049     Contract ID:     5/292015       Report ID:     1462049     Contract TPype:       Report Type:     NPRI     Contract TPype:       Report Type:     NPRI     Contract TRitement       Report Type:     Contract Fax:     Face ID:       Report Type:     Contract Fax:     Face ID:       Report Type:     Contract Fax:     Face ID:       Face ID:     224203     Contract Fax:       Face ID:     13.00001     Contract Fax:       Face ID:     173.0141     Contract Fax:       Dist (Last Filed Ppt):     Lastfue:     45.3383       Facility Lat:     100     Wasts Orsemans:     No       Pollut Prev Contras:     No     Morthing:     No       Facility Lat:     100     Wasts Orsemans:     No       No of Stacts:     No     Studeown:     No </th <th>Map Key</th> <th>Numbe Record</th> <th></th> <th>Direction/ Distance (m)</th> <th>Elev/Diff (m)</th> <th>Site</th> <th>DB</th>	Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No Other ID:         1         Last Modified:         5/23/2015 3.282.24 PM           Report ID:         448349         Context ID:         6/23/2015 3.282.24 PM           Report ID:         146349         Context ID:           Report Type:         NPRI         Context ITel:         5/23/2015 3.282.24 PM           Report Type:         NPRI         Context First Name:         Context First Name:         Context First Name:           Report Type:         2014         Context First Name:         Context Firs						•	
Track IC:       92283       Context ID:         Report ID:       14349       Cont Time:         Report Type:       NPRI       Cont Strikt Name:         Report Type:       NPRI       Cont Strikt Name:         Report Type:       NPRI       Cont Strikt Name:         Report Type:       NO       Cont Strikt Name:         Report Type:       NO       Contact Time:         Report Type:       Contact Fast Name:       No         No-Current Rpt:       No       Contact Fast Name:         Rei Addresss:       NOT AVALABLE       Contact Fast:         Fac Addresss:       NO       UTM Northing:         Facility La:       45.3388       Contact Fast:         Facility La:       Contact Fast:       Sole         Facility Contact:       NO       UTM Northing:         Facility Contact:       NO       UTM Northing:         Facility Contact:       NO       NO Strasse:       NO         Facility Code:       Sole       Sole         Sole Code:							
Report ID:       H6349       Cont Type:         Report Type:       NP       Contact Trist Hame:         Report Year:       2010       Contact Frist Hame:         Wort Current Rpt:       No       Contact Rest Hame:         Yor Last Field Rpt:       2013       Contact Rest Hame:         Report Year:       10       Contact Rest Hame:         Rest Hame:       DS133       Contact Rest Hame:         Rest Hame:       DS144       Contact Rest Hame:         Rest Hame:       DS144       Contact Rest Hame:         Rest Hame:       413 MARCH ROAD       Contact Fas:         Fac Address2:       NOT AVAILABLE       Contact Fas:         Fac Matriss2:       Contact Fas:       Fac Hame:							5/29/2015 3:28:24 PM
Report Type IC         NPRI         Contrict Title:           Report Year:         2010         Cont First Name:           Report Year:         2010         Cont Last Name:           No - Current RpR TYPE         No         Contract Fast:           Fac ID:         22420         Contract Fast:         Contract Fast:           Fac ID:         22420         Contract Fast:         Contract Fast:           Fac Address:         VI OT Last Name:         Contract Fast:         Contract Fast:           Fac Address:         VI ANLABLE         Contract Fast:         Contract Fast:           Facility Lat:         453388         Contract Fast:         Contract Fast:           Facility Contract:         VI M Morthing:         VI M Morthing:         VI M Morthing:           VIC:         VIC:         VITM Morthing:         No         No           Parent Co:         No Straame:         No         No         No           Poliut Prev Cmmts:         No         No of Shu							
Rie Type ID: 1 Cont First Name: Report Year: 2010 Cont Last Name: Not-Current Rpt: No Contact Position: Yor Last Filed Rpt: 2014 Contact Position: Fac Name: BEST THERATRONICS Contact Position: Fac Address2: NOT AVAILABLE Contact FA:: Fac Address2: NOT AVAILABLE CONTACT FA:: No NO UTM Zone: Fac Address2: NOT AVAILABLE CONTACT FA:: No OF Empl:: 140 No of Empl:: 140 NACS Code (Code: Status: S	•						
Report Year:         2010         Cont Last Name:           No-Current Rpr:         No         Contact Position:           Y of Last Filed Rpr:         2014         Contact Fax:           Fac Ib:         242493         Contact Ph::           Fac Address2:         NOT AVAILABLE         Contact Tol:           Fac Address2:         NOT AVAILABLE         Contact Fax:           Fac Address2:         NOT AVAILABLE         Contact Fax:           Fac Address2:         NOT AVAILABLE         Contact Fax:           Fac Ib:         -75.9141         Contact Fax:           FacInty Long:         -75.9141         Contact Fax:           FacInty Contris:         No         UTM Northing:           UTM:         UTM Northing:         -75.9141           Pacified Victor:         -75.9141         -75.9141           Determit:         140         Wasto Streams:         No           No of Empl:         140         Wasto Streams:         No           No of Stacks:         No         Streams:         No           No of Stacks:         No of Stacks:         No of Stacks:         No of Stacks:           No of Stacks:         No         Marclaruing         Karaton SN Code (dipp);           Canadian							
Non-Current Rpt?: No Contact Position: Y of Last Filed Rpt: 2014 Eac Name: BEST THERATRONICS Contact Ph.: Fac AddressS1: 413 MARCH ROAD Contact FA:: Fac AddressS1: NOT AVAILABLE Contact FA:: Fac AddressS1: NOT AVAILABLE Contact Fax: Fac Name: No SI (Last Find Rpt): Fac Name: No SI (Last Find Rpt): Fac Name: No No Fac Name: No No Of Sites: No Site Code Call gift): SIC Code: SIC							
Yi of Last Flied Rpi:         2014         Contact Fax:           Fab D:         224293         Contact Ph::           Fab Ame:         BEST THERATRONICS         Contare Code:           Fab Adress2:         NOT AVAILABLE         Contact Tel::           Fab Adress2:         NOT AVAILABLE         Contact Tel::           Fab Adress2:         NOT AVAILABLE         Contact Fax:           Fae Adress2:         NOT AVAILABLE         Contact Fax:           Fae Adress2:		Dat?					
Fac Dir.         224293         Contact Ph::           Ber Name:         BEST THERATRONICS         Contact Tol::           Fac Addresss:         413 MARCH ROAD         Contact Tol::           Fac Addresss:         NTAVALLABLE         Contact Fac::           Fac Addresss:         NTAVALLABLE         Contact Ext::           Fac Borne:         45.3388         Contact Fac::           Fac Borne:         Tast Area Code:           Facility Lat:         45.3388           Contact Email:         Contact Fac::           DS (Last Filed Rot):         -75.9141           Facility DS:         UTM Xonthing:           UTI:         UTM Northing:           Work:         UTM Northing:           Work:         No           No I Enpl:         140           No I Enpl:         No           No I Enpl:         No           No I Stacks:         No           No I Stacks:         No           Stacks:         No           Stacks:         No           No I Stacks:         No I Shutdown:           Canadian SIC Code (2 digit):         33           XAICS Oce (2 digit):         33           XAICS Code (2 digit):         33							
Face Name:         DEST THERATRONICS         Cont Area Code:           Face Address2:         4130 MARCH ROAD         Contact Tot:           Face Address2:         NOT AVAILABLE         Contact Fax:           Face Address2:         NOT AVAILABLE         Contact Fax:           Face Address2:		eu Api.	-				
Fac Address1:       413 MARCH ROAD       Contact Tat:         Fac Address2:       NOT AVALLABLE       Contact Ext:         Fac Address2:       Contact Ext:       Contact Ext:         Fac Address2:       Contact Enail:       Contact Enail:         DS (Last Flex):       Latitude:       45.3388         Facility Lat:       Longitude:       -75.9141         Datum:       1983       UTM Xonthing:         URL:       UTM Northing:       UTM Northing:         No of Empl:       140       Waste Streams:       No         Parent Co:       *       No Freams:       No         No of Stacks:       No       Shutdown:       No         No of Stacks:       No       Shutdown:       No         American SIC Code       Shutdown:       No       No         Canadian SIC Code Code:       Sicks:       No       No         SIC Code Description:       Manufacturing       XAICS 2 Description:       Manufacturing         NAICS 2 Code (digit):       33       Sites:       Yes       Foldit Pev Code:         SIC Code Description:       Manufacturing       XICS 2 Description:       Marufacturing         NAICS 2 Code (digit):       33       Sites:       Contact:				RATRONICS		••••••••	
Fac Address2:         NOT AVAILABLE         Contact Ext:           Fac Postal ZUP         K2K0E4         Cont Fax Area Cde:           Facility Lat:         45.3388         Contact Fax:           DIS (Last Filed Rpt):         1983         UTM Zone:           Facility CIN:         No         UTM Zone:           Not I Empl::         1983         UTM Zone:           VRL:         Wate Streams:         No           VR OF Streams:         No         Worth Sites:           No of Empl::         140         Wate Streams:         No           No of Stacks:         No         Stacks:         No           Poliut Frev Crints:         No         Stacks:         No of Stacks:           Canadian SIC Code (2 digit):         33910         Naturdacturing           NAICS Code (2 digit):         339110         Stacks:         No distack:           Subsci Code Description:         Medical equipment and supplies manufacturing         Kanata ON K2K 0E4         Gen <td></td> <td>1.</td> <td></td> <td></td> <td></td> <td></td> <td></td>		1.					
Face Postal Zip:         KZKOE4         Cont Fax Area Cde:           Facility Long:         -75.3141         Contact Fax:           Facility LS:         Longitude:         -75.3141           Datum:         1983         UTM Northing:           Pacility Connts:         No         UTM Northing:           No of Empl.:         140         Waste Streams:         No           Parent Co:         -         No Streams:         No           Parent Co:         -         No Streams:         No           No of Stacks:         No         No of Stacks:         1           Stacks:         No         No of Stacks:         No           American SIC Code (2 digit):         Construment and supplies manufacturing         NAICS 2 doescription:           NAICS 2 doescription:         Manufacturing         AICS 4 decuprent and supplies manufacturing         Contact Fax:           NAICS 2 doescription:         Medical equipment and supplies manufacturing         AI 3 March Road         Cen           NAICS 2 doescription:         Medical equipment and supplies manufact							
Facility Lat:       45.3388       Contact Frac:         DLS (Last Filed Rpt):       Latitude:       45.3388         Facility Lor:       Latitude:       45.3388         Pacility Cornts:       No       UTM Zone:         Tacility Cornts:       No       UTM Cone:         Pacility Cornts:       No       UTM Cone:         Pacility Cornts:       No       UTM Conting:         VIRL:       Vir M Sorting:       UTM Conting:         VIRL:       No of EmpL:       140         No of EmpL:       140       Waste Streams:       No         Parent Co:       *       Waste Off Sites:       1         Stacks:       No       Stacks:       No       No         No of Stacks:       No       Stacks:       No       No         Stacks:       No       Stacks:       No       No       Stacks:       No         Stacks:       No       Stacks:       No       Stacks:       No         NAICS Code (Galgit):							
Facility Long:       -75.9141       Contact Email:         DS: (Las Filed Pt):       Longitude:       -75.9141         Facility DS:       No       UTM Northing:         Pacility Connts:       No       UTM Northing:         No I Empl.:       140       Waste Straams:       No         Parent Co:       '       No Straams:       No         Parent Co:       '       Waste Straams:       No         Pollar Prev Cmnts:       No       No Of Sites:       140         Pollar Stacks:       No       No Of Sites:       140         No of Stacks:       No       No       No         No of Stacks:       No       No       No         Stacks:       No       No of Stutdown:       No         And Stacks:       No       No       Stutdown:       No         Stacks:       No       Stacks:       No       No       Stutdown:       No         Stacks:       No       Stacks:       No       No       Stutdown:       No       No       Stacks:       No       No       Stacks:       No       No       Stacks:       No       Stacks:       No       Stacks:       No       Stacks:       No       Stacks: <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>			-				
DLS (Last Filed Rpt):       Latitude::       45.3888         Facility DLS:       Longitude::       -75.9141         Datum:       1983       UTM Zone:         Facility Crunts:       No       UTM Cone:         No of Empl.       140       Waste Streams:       No         Parent Co:       *       Waste Streams:       No         Parent Co:       *       Waste Streams:       No         No of Empl.       140       Waste Streams:       No         No of Empl.       No       Streaks:       No         Pollut Prev Cnnts:       No       Streaks:       No         No of Stacks:       No       Stacks:       No         Stacks:       Nadical equipment and supplies manufacturing       Karaata ON K2K Oc4       Gen         MAICS Code (Galgit):       3331       Stacks:       Colocice of Contact:       Colocice of Contact:       Contact:       Contact:       Contact:       Contact:       Contact:       Contact:       Conta						• • • • • • • • • • • • • • • • • • • •	
Facility DLS:       Longitude:       -75.9141         Datum:       1983       UTW Zone:         Facility Cornts:       No       UTW Accession         Parent Co.:       *       UTW Easting:         No of Empl:       140       Waste Streams::       No         Parent Co.:       *       Waste Class:       No         Parent Co.:       *       Waste Class:       No         Parent Co.:       *       Waste Class:       No         No af Stacks:       No       Studies:       1         Stacks:       No       Studies:       No         Canadian SIC Code (2 digit):       Studies:       No       Studies:         Ancis Code Description:       Manufacturing       No       Studies:       No         ANLCS Code (2 digit):       33       Studies:       Studies:       Studies:       Studies:         ANLCS Code (2 digit):       33       Studies:       Studies: <td>, ,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>45.3388</td>	, ,						45.3388
Datum:       1983       UTM Zone:         Datum:       No       UTM Porthing:         Hacility Connts:       No       UTM Northing:         No of Empl.:       140       Waste Streams:       No         Parent Co:       No Streams:       No       Parent Co:         No Parent Co:       Waste Of Sites:       Yes         No Parent Co:       Waste Of Sites:       1         Stacks:       No       Shutdown:       No         Canadian SIC Code (2 digit):       Shutdown:       No of Shutdown:       No         Canadian SIC Code (2 digit):       33       NarkS 2 Description:       Manufacturing         NAICS Code (2 digit):       33       Naufacturing       Naics 2 Description:       Manufacturing         NAICS Code (2 digit):       339110       Maufacturing       Maufacturing       Maufacturing         NAICS Code (2 digit):       339110       Males 2 Description:       Medical equipment and supplies manufacturing       GEN         Status:       Country:       Code (2 digit):       GEN       Starate Code (2 digit):       GEN         Status:       Souther Medical equipment and supplies manufacturing       Country:       Code (2 digit):       GEN         Status:       Country:       Countr							
Facility: Cornts:       No       UTW Northing:         No of Empl.:       140       Waste Streams:       No         Parent Co::       No Streams:       No       Streams:       No         Parent Co::       Waste Off Sites:       Yes       Yes         Pollut Prev Crints:       No       No       Streams:       No         Root Stacks:       No       No       No Off Shutdown:       No         Canadian SIC Code (2 digit):       Canadian SIC Code (2 digit):       Stacks:       No       No         Canadian SIC Code (2 digit):       33       NatcS Code (2 digit):       Stacks:       No       No         AMCS Code (2 digit):       33       Manufacturing       Manufacturing       Manufacturing       NAICS Code (2 digit):       Stacks:       No         MAICS Code (2 digit):       33       MAICS Code (4 digit):       Stacks:       No       Stacks:       No         MAICS Code (2 digit):       3391       MAICS Code (2 digit):       Stacks:       No       Stacks:       No         MAICS Code (2 digit):       3391       MAICS Code (5 digit):       Stacks:       Stacks:       Stacks:       Stacks:       Stacks:       Stacks:       Stacks:       Stacks:       Stacks:       Stackscacks:			1983			0	
URL: ' OR of Empl: 140 URL Streams: No Parent Ca: * UTM Easting: No Waste Streams: No Parent Ca: * No Parent Ca: * No Parent Ca: * No Parent Ca: * No Parent Ca: No Parent Ca: * No Pollut Prev Cmnts: No Pollut Prev Cmnts: No No Stacks: No Of Sites: 1 Stacks: No ONSO4E Stacks: No Of Sites: 1 Stacks: No ONSO4E Stacks: No ONSO4E Stacks: No ONSO4E Stacks: No ONSO4E Status:		·c-					
No of Empl.: 140 Waste Streams: No Parent Co.: ' Waste Off Sites: Yes No Farent Co.: ' Waste Off Sites: Yes Pollut Prev Cmnts: No \ No Off Sites: 1 Stacks: No \ No of Shutdown: No No of Shutdown: No Stacks: No \ No of Shutdown: No No of Shutdown: No Os of Shutdown: No No of Shutdown: No Os of Shutdown: No No of Shutdown: No No of Shutdown: Canadian SIC Code (2 digit): 33 MAICS 2 Description: Manufacturing MAICS 2 Description: Manufacturing MAICS 2 Description: Medical equipment and supplies manufacturing MAICS 6 de (2 digit): 3331 MAICS 4 Description: Medical equipment and supplies manufacturing MAICS 6 Description: Mall for the Industrial Machinery Manufacturing, All Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing. Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing Maste Class Desc: ACID WASTE - HEAVY METALS Waste Class Desc: ACID WASTE - HEAVY METALS Waste Class Desc: ACID WASTE - HEAVY METALS Waste Class Desc: ACID WASTE - HEAVY METALS			110				
Parent Ca.:       '       No Streams:       No Streams:         No Farent Co.:       Waste Off Sites:       Yes         Pollut Prev Cmnts:       No       Shutdown:       No         No of Stacks:       No       Shutdown:       No         Canadian SIC Code (2 digit):       Canadian SIC Code (2 digit):       33         American SIC Code (2 digit):       33       Nanerican SIC Code (2 digit):       33         MAICS 2 Description:       Manufacturing       Nanufacturing       Nales Code (4 digit):       3391         NAICS 2 Description:       Medical equipment and supplies manufacturing       Manufacturing       Manufacturing         NAICS 4 Description:       Medical equipment and supplies manufacturing       GEN       GEN         NAICS 4 Description:       Medical equipment and supplies manufacturing       GEN         NAICS 5 Description:       Medical equipment and supplies manufacturing       GEN         NAICS 4 Description:       Medical equipment and supplies manufacturing       GEN         NAICS 5 Description:       Medical equipment and supplies manufacturing       GEN         NAICS 6 Description:       Status:       Country:       GEN         Status:       Coole No:       Country:       Country:       Country:         Status:	-		140				No
No Parent Co.: Waste Off Sites: Yes   Pollut Prov Cmnts: No No Off Sites:: 1   Stacks: No Shutdown: No   Canadian SIC Code (2 digit): Shutdown: No   Canadian SIC Code (2 digit): 33   SIC Codo Description: Manufacturing   AMCS Code (2 digit): 33   NAICS Code (4 digit): 339110   NAICS Code (6 digit): 339110   NAICS Code (7 digit): 339110   NAICS Code (7 digit): 339110   NAICS Code (6 digit): 339110   NAICS Code (7 digit): 331010   Situs: Country:   Code: 33299, 333519, 333990   SiC Description: AI15   Waste Class: <t< td=""><td></td><td></td><td>*</td><td></td><td></td><td></td><td></td></t<>			*				
Pollur Prev Cmnts:       No       No       No Off Sites::       1         Stacks:       No       Shudown:       No       No       No         Canadian StC Code (2 digit):       Canadian StC Code:       Stacks:       No       No       Stacks:       No       No       Stacks:       No       No       Stacks:       No       Stacks:       No       Stacks:       No       No       Stacks:       No       Stacks:       No       Stacks:       No       No       Stacks:       No       Stacks:       No       Stacks:       No       Stacks:       No       Stacks:       Stacks:       Stacks:       Stacks:       No       Stacks:       Stacks:       GEN       Stacks:       GEN       Stacks:       GEN       Stacks:       Country:       Stacks:       Country:       Country:       Country:       Country:       Country:       Country:       Country:       No       Stacks:       Stacks:       Country:       Country:       Country:       Country:       Country:       Country:       Country:       Stacks:       S							Yes
Stacks:       No       Shutdown:       No         No of Stacks:       No of Shutdown:       No         Canadian SIC Code (2 digit):       No       No of Shutdown:         Canadian SIC Code:       SSC Code Description:       American SIC Code:         American SIC Code (2 digit):       33         NAICS Code (2 digit):       33         NAICS Code (4 digit):       3391         NAICS Code (6 digit):       3391 10         NAICS Code (6 digit):       Code and supplies manufacturing         WAICS Code (6 digit):       Code and supplies manufacturing         VAICS Code (1 digit):       Code and supplies manufacturing         VaICS A Description:       Medical equipment and supplies manufacturing         VAICS Code (1 digit):       Code and tanta code (1 digit):         Status:       Country:         Approval Years:       2009         Choice of Contact:       Co Admin:         MISW Facility:       Si3299, 333519, 33390         SIC Description:       All Other Indust			No				
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Canadian SIC Code (2 digit):       Sic Code Description:         Amarican SIC Code:       XAICS Code (2 digit):       33         Marcian SIC Code:       Manufacturing         MAICS Code (4 digit):       3391         NAICS Code (4 digit):       3391         NAICS Code (4 digit):       3391         NAICS Code (6 digit):       33910         NAICS Code (6 digit):       Code:         Scalar Code:       Status:         Constraint       Colastat         Contry:       Contry:         Approval Years:       2009         Choice of Contact:       Co Admin:         SIC Code:       33329, 33519, 33390         SIC Code:       33229, 333519, 33390         SIC Code:       33229, 333519, 33390         SIC Code:       33229, 333519, 33390         SIC Code:       33229, 33519, 33390         SIC Code:       33229, 33519, 33390         SIC Code:       Phone No Admin:         SIC Code:       Sic Code:      <							
Canadian SIC Code:       SIC Code Description:         SIC Code Description:       Manufacturing         MAICS Code (2 digit):       33         NAICS Code (4 digit):       3391         NAICS Code (6 digit):       3391         NAICS Code (6 digit):       33910         NAICS Code (7 digit):       33910         Sitatus:       Country:         Contant:       Contant:         Contant:       Contant:         Contant:       Sitatus:         Sit Code:       33299, 33519, 333990         Sit Code:       33299, 33519, 333990         Sit Code:       33299, 33519, 333990         Sit Code:       Sit			liait):				
American SIC Code:       33         NAICS Code (2 digit):       33         NAICS Code (4 digit):       3391         NAICS Code (4 digit):       3391         NAICS Code (6 digit):       33910         NAICS Code (6 digit):       Sagentantian and supplies manufacturing         Valce A bescription:       Medical equipment and supplies manufacturing         Valce A bescription:       ON8046323       PO Box No:         Status:       Country:       Cholce of Contact:         Contam. Facility:       Sagent Manufacturing       Phone No Admin:         SIC Code:       333299, 333519, 333990       SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Petail(S)       Waste Class:       112		•	5 /				
NAICS Code (2 digit):       33         NAICS Code (2 digit):       3391         NAICS 2 Description:       Medical equipment and supplies manufacturing         NAICS Code (6 digit):       339110         NAICS 6 Description:       Medical equipment and supplies manufacturing         MAICS 6 Description:       Medical equipment and supplies manufacturing         Second 1       MAICS 6 Description:       Medical equipment and supplies manufacturing         Second 2       Second 2       Second 2       Second 2         Generator No:       ON8046323       PO Box No:       Country:         Status:       Country:       Cohice of Contact:       Co Admin:         MHSW Facility:       33299, 333519, 333990       SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-         Purpose Machinery Manufacturing       Polent/PiGMENT/COATING RESIDUES       Waste Class:       1	SIC Code Des	scription:					
NAICS 2 Description:       Manufacturing         NAICS Code (4 digit):       3391         NAICS A Description:       Medical equipment and supplies manufacturing         NAICS 6 Description:       Medical equipment and supplies manufacturing         NAICS 6 Description:       Medical equipment and supplies manufacturing         Image: transformation of transform							
NAICS 2 Description:       Manufacturing         NAICS Code (4 digit):       3391         NAICS A Description:       Medical equipment and supplies manufacturing         NAICS 6 Description:       Medical equipment and supplies manufacturing         NAICS 6 Description:       Medical equipment and supplies manufacturing         Image: transform of the state of the stat	NAICS Code	(2 digit):		33			
NAICS Code (4 digit):       3391         NAICS Code (6 digit):       Medical equipment and supplies manufacturing         NAICS Code (6 digit):       339110         NAICS 6 Description:       Medical equipment and supplies manufacturing         9       22 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4       GEN         Generator No:       ON8046323       PO Box No: Country:       Country: Country:       Country: Country:       Gen         Approval Years:       2009       Choice of Contact: Country:       Co Admin: Phone No Admin:       Si3299, 333519, 333990         SIC Code:       333299, 333519, 333990       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing       Purpose Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing         Detail(s)       Waste Class:       145         Waste Class:       112         Waste Class:       121         Waste Class:       146         Waste Class:       146         Waste Class Desc:       0THER SPECIFIED INORGANICS				Manufacturing			
NAICS 4 Description:       Medical equipment and supplies manufacturing         NAICS 6 Description:       Medical equipment and supplies manufacturing         9       22 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4       GEN         Generator No:       ON8046323       PO Box No: Country:       Generator No: Status:       ON8046323       PO Box No: Country:         Approval Years:       2009       Choice of Contact: Co Admin:       Co Admin: SIC Code:       333299, 333519, 33390         SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing         Detail(s)       Waste Class:       112 Waste Class Desc:       112 Maste Class:         Waste Class:       112 Waste Class:       146 OTHER SPECIFIED INORGANICS	NAICS Code	(4 digit):					
NAICS 6 Description:       Medical equipment and supplies manufacturing         9       22 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4       GEN         Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: MISW Facility: SIC Code: S133299, 333519, 333990       ON 8046323 S10 Description:       PO Box No: Country: Contam: SIC Code: S133299, 333519, 333990       Choice of Contact: Co Admin: Phone No Admin: Phone No Admin: Phone No Admin: SIC Code: S13229, 333519, 333990         Detail(s)       Vaste Class: Class: S12       145 PAINT/PIGMENT/COATING RESIDUES         Waste Class: Waste Class: S12       112 ACID WASTE - HEAVY METALS       Vaste Class: Class Desc:       146 OTHER SPECIFIED INORGANICS	NAICS 4 Des	cription:		Medical equipment	and supplies man	ufacturing	
9       22 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4         Generator No:       ON8046323       PO Box No: Country: Approval Years:       2009       Choice of Contact: Co Admin: MHSW Facility:       Country: Si Coole:       333299, 333519, 333990         SIC Description:       333299, 333519, 333990       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General- Purpose Machinery Manufacturing         Detail(s)       Waste Class:       145         Waste Class:       112         Waste Class:       112         Waste Class:       146         Waste Class Desc:       OTHER SPECIFIED INORGANICS	NAICS Code	(6 digit):		339110			
9       22 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4       GEN         Generator No:       ON8046323       PO Box No:       Country:       Coun	NAICS 6 Des	cription:		Medical equipment	and supplies man	ufacturing	
Status:       Country:         Approval Years:       2009         Choice of Contact:       Co Admin:         Contam. Facility:       Phone No Admin:         MHSW Facility:       Status:         SIC Code:       333299, 333519, 333900         SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Detail(s)       Waste Class:       145         Waste Class:       145         Waste Class:       112         Waste Class:       112         Waste Class:       146         Waste Class:       146         Waste Class:       0THER SPECIFIED INORGANICS	<u>9</u>	22 of 40		NNE/249.6	85.9 / -4.00	413 March Road	
Approval Years: 2009 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: State Class: 145 Waste Class: 112 Waste Class: 112 Waste Class: 146 Waste Class: 146	Generator No	):	ON804632	23		PO Box No:	
Contam. Facility:       Co Admin:         MHSW Facility:       333299, 333519, 333990         SIC Code:       333299, 333519, 333990         SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Detail(s)       Waste Class:       145         Waste Class Desc:       PAINT/PIGMENT/COATING RESIDUES         Waste Class:       112         Waste Class:       142         Waste Class:       146         Waste Class:       146         Waste Class Desc:       OTHER SPECIFIED INORGANICS	Status:					Country:	
MHSW Facility:       Phone No Admin:         SIC Code:       333299, 333519, 333990         SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Detail(s)       Vaste Class:         Waste Class:       145         Waste Class:       145         Waste Class:       112         Waste Class:       112         Waste Class:       112         Waste Class:       146         OTHER SPECIFIED INORGANICS			2009				
SIC Code:       333299, 333519, 333990         SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Detail(s)       Vaste Class:         Waste Class:       145         Waste Class:       112         Waste Class:       ACID WASTE - HEAVY METALS         Waste Class:       146         OTHER SPECIFIED INORGANICS							
SIC Description:       All Other Industrial Machinery Manufacturing, Other Metalworking Machinery Manufacturing, All Other General-Purpose Machinery Manufacturing         Detail(s)       Waste Class:       145         Waste Class:       PAINT/PIGMENT/COATING RESIDUES         Waste Class:       112         Waste Class:       ACID WASTE - HEAVY METALS         Waste Class:       146         OTHER SPECIFIED INORGANICS		ty:				Phone No Admin:	
Detail(s)       Waste Class:     145       Waste Class Desc:     PAINT/PIGMENT/COATING RESIDUES       Waste Class Desc:     112       Waste Class Desc:     ACID WASTE - HEAVY METALS       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:       146         Waste Class Desc:       OTHER SPECIFIED INORGANICS	SIC Descripti	on:				acturing, Other Metalworking	Machinery Manufacturing, All Other General-
Waste Class Desc:       PAINT/PIGMENT/COATING RESIDUES         Waste Class:       112         Waste Class Desc:       ACID WASTE - HEAVY METALS         Waste Class:       146         Waste Class Desc:       OTHER SPECIFIED INORGANICS	<u>Detail(s)</u>						
Waste Class Desc:       ACID WASTE - HEAVY METALS         Waste Class:       146         Waste Class Desc:       OTHER SPECIFIED INORGANICS				-	OATING RESIDU	JES	
Waste Class Desc: OTHER SPECIFIED INORGANICS					AVY METALS		
Waste Class: 252					D INORGANICS		
	Waste Class:			252			

Мар Кеу	Number Records			Site		DB
Waste Class	Desc:	WASTE OILS	& LUBRICANTS			
Waste Class Waste Class		148 INORGANIC L		MICALS		
Waste Class Waste Class		212 ALIPHATIC S	OLVENTS			
Waste Class Waste Class		241 HALOGENAT	ED SOLVENTS			
Waste Class Waste Class		263 ORGANIC LA	BORATORY CHEMI	CALS		
Waste Class Waste Class		264 PHOTOPROC	ESSING WASTES			
Waste Class Waste Class	-	331 WASTE COM	PRESSED GASES			
<u>9</u>	23 of 40	NNE/249.6	85.9 / -4.00	413 March Road Kanata, Ontario ON	K2K 0E4	EHS
Order No: Status: Report Type Report Date: Date Receive Previous Situ Lot/Building Additional In	ed: e Name: Size:	20120724015 C Standard Report 02-AUG-12 24-JUL-12 unknown approx. 18.05 acres		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	City of Ottawa (formerly Towr ON .25 -75.914169 45.338844	nship of March)
<u>9</u>	24 of 40	NNE/249.6	85.9 / -4.00	BEST THERATRON 413 MARCH ROAD OTTAWA ON K2K01	NOT AVAILABLE	NPRI
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type ID: Report Year: Not-Current Yr of Last Fil Fac ID: Fac Name: Fac Address Fac Address Fac Address Fac Postal Z Facility Lat: Facility Lat: Facility Lat: Facility Cmn ULS (Last Fil Facility Cmn URL: No of Empl.: Parent Co.: No Parent Co.: No Parent CO. Stacks:	: Rpt?: led Rpt: 2: ip: led Rpt): : ts:	11667 99973 3815 NPRI 1 2011 No 2014 224293 BEST THERATRONICS 413 MARCH ROAD NOT AVAILABLE K2K0E4 45.3388 -75.9141 1983 145		Org ID: Submit Date: Last Modified: Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Fax: Contact Tel.: Contact Tel.: Contact Ext.: Contact Ext.: Contact Exa: Contact Fax: Contact Email: Latitude: Longitude: UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown:	101931 6/7/2012 5/29/2015 3:28:24 PM 45.3388 -75.9141	

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
No of Stack Canadian S Canadian S SIC Code D American S	IC Code (2 dig IC Code: escription:	git):		No of Shutdown:	
NAICS Code NAICS 2 De NAICS Code NAICS 4 De NAICS Code NAICS 6 De	e (2 digit): scription: e (4 digit): scription: e (6 digit):	33 Manufacturing 3391 Medical equipment 339110 Medical equipment		,	
<u>9</u>	25 of 40	NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 Marc Road Ottawa CITY OF OTTAWA ON	EBR
EBR Regist Ministry Reg Notice Type Notice Stag Notice Date Proposal Da Year: Instrument Off Instrument Posted By: Company N Site Addres Location Ot Proponent I Proponent P	f No: e: ate: type: ent Name: ame: s: ther: Name: Address:	011-9455 3354-98JN7Y Instrument Decision 808941786 October 13, 2015 June 27, 2013 2013 (EPA Part II.1-air) - Best Theratronics L 413 Marc Road, Ott	td.	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map: Compliance Approval (project type: air)	
URL: Site Locatio	on Details:				

413 Marc Road Ottawa CITY OF OTTAWA

9 26 of 40	0 NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility:	ON8046323 2010		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Description: <u>Detail(s)</u>	333299, 333519, 333990 All Other Industria Purpose Machine		acturing, Other Metalworking Machinery Manufa	acturing, All Other General-
Waste Class: Waste Class Desc:	241 HALOGENATED	SOLVENTS		
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT	COATING RESIDU	JES	
Waste Class: Waste Class Desc:	122 ALKALINE WAST	ES - OTHER MET	ALS	

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Clas Waste Clas			148 INORGANIC LABO	RATORY CHEM	ICALS	
Waste Class Waste Class			112 ACID WASTE - HE	AVY METALS		
Waste Class Waste Class			264 PHOTOPROCESS	ING WASTES		
Waste Class Waste Class			146 OTHER SPECIFIEI	D INORGANICS		
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS		
Waste Class Waste Class			331 WASTE COMPRES	SSED GASES		
Waste Class Waste Class			212 ALIPHATIC SOLVE	INTS		
Waste Class Waste Class			263 ORGANIC LABOR/	ATORY CHEMIC	ALS	
<u>9</u>	27 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4	GEN
Generator N Status: Approval Yu Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON80463 2011 333299,	333519, 333990		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: facturing, Other Metalworking Mac	hinery Manufacturing, All Other General-
<u>Detail(s)</u>						
Waste Class Waste Class			146 OTHER SPECIFIEI	D INORGANICS		
Waste Class Waste Class			122 ALKALINE WASTE	S - OTHER MET	ALS	
Waste Class Waste Class			263 ORGANIC LABOR/	ATORY CHEMIC	ALS	
Waste Class Waste Class			264 PHOTOPROCESS	ING WASTES		
Waste Class Waste Class			212 ALIPHATIC SOLVE	INTS		
Waste Class Waste Class			241 HALOGENATED S	OLVENTS		
Waste Class Waste Class			331 WASTE COMPRES	SSED GASES		
Waste Clas Waste Clas			145 PAINT/PIGMENT/C	OATING RESID	UES	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class			148 INORGANIC LABO	RATORY CHEMI	CALS	
Waste Class: Waste Class I			252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class I			112 ACID WASTE - HE	AVY METALS		
<u>9</u>	28 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4	GEN
Generator No		ON8046	323		PO Box No:	
Status: Approval Yea Contam. Faci	lity:	2012			<i>Country: Choice of Contact: Co Admin:</i>	
MHSW Facilit SIC Code: SIC Description	•	333299,	333519, 333990 All Other Industrial Purpose Machinery		Phone No Admin: acturing, Other Metalworking N	Nachinery Manufacturing, All Other General-
<u>Detail(s)</u>						
Waste Class: Waste Class I			145 PAINT/PIGMENT/C	COATING RESIDU	JES	
Waste Class: Waste Class I			212 ALIPHATIC SOLVE	ENTS		
Waste Class: Waste Class I			122 ALKALINE WASTE	S - OTHER MET	ALS	
Waste Class: Waste Class I			263 ORGANIC LABOR	ATORY CHEMIC	ALS	
Waste Class: Waste Class I			264 PHOTOPROCESS	ING WASTES		
Waste Class: Waste Class			331 WASTE COMPRES	SSED GASES		
Waste Class: Waste Class I			112 ACID WASTE - HE	AVY METALS		
Waste Class: Waste Class			241 HALOGENATED S	OLVENTS		
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class I			146 OTHER SPECIFIEI	D INORGANICS		
Waste Class: Waste Class I			148 INORGANIC LABO	RATORY CHEMI	CALS	
<u>9</u>	29 of 40		NNE/249.6	85.9 / -4.00	BEST THERATRONICS 413 MARCH ROAD NO OTTAWA ON K2K0E4	NPRI
NPRI ID: Other ID:		11667			Org ID: Submit Date:	101931 6/14/2013

	lumber o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		D
No Other ID:					Last Modified:	5/29/2015 3:28:24 PM	
Track ID:		109271			Contact ID:		
Report ID:		21962			Cont Type:		
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 F	Rpt:	2014			Contact Fax:		
Fac ID:		224293			Contact Ph.:		
Fac Name:		BEST THE	ERATRONICS		Cont Area Code:		
Fac Address1:		413 MARC			Contact Tel.:		
Fac Address2:		NOT AVAI	LADLE		Contact Ext.:		
Fac Postal Zip:		K2K0E4			Cont Fax Area Cde:		
Facility Lat:		45.3388			Contact Fax:		
Facility Long:		-75.9141			Contact Email:		
DLS (Last Filed F	Rpt):				Latitude:	45.3388	
Facility DLS:	· • • • •				Longitude:	-75.9141	
•		1082				. 5.0171	
Datum:		1983			UTM Zone:		
Facility Cmnts:					UTM Northing:		
URL:					UTM Easting:		
No of Empl.:		175			Waste Streams:		
Parent Co.:					No Streams:		
No Parent Co.:					Waste Off Sites:		
Pollut Prev Cmn	ter				No Off Sites:		
	15.				Shutdown:		
Stacks:							
No of Stacks:					No of Shutdown:		
Canadian SIC Co Canadian SIC Co	ode:	jit):					
SIC Code Descri	ption:						
American SIC Co	ode:						
NAICS Code (2 d	liait):	:	33				
NAICS 2 Descrip	• /		Manufacturing				
NAICS Code (4 d			3391				
NAICS 4 Descrip			Medical equipmen	t and cuppling ma	nufacturing		
				t and supplies ma	nulaciuling		
NAICS Code (6 d			339110		e		
NAICS 6 Descrip	tion:	I	Medical equipmen	t and supplies ma	nutacturing		
Substance Relea	ise Repo	<u>rt</u>					
Category Type IL	<b>)</b> :		13				
			All Media				
Category Type D				oódiaa			
Category Type D	esc (Tr):		Rejets à tous les n				
Grouping:		-	Total All Media<1t				
Trans Code:							
Chem:			Lead (and its com	pounds)			
Chem (fr):			Plomb (et ses com				
Quantity:			.086				
Unit:	<b>•</b> <i>i</i>		kg				
			NA				
	e Desc	I	NA- Not Applicable	9			
Basis of Estimate Basis of Estimate	0 2000.						
Basis of Estimate	of 40		NNE/249.6	85.9 / -4.00	413 March Road Ottawa ON		EH
Basis of Estimate	of 40	00440400		85.9 / -4.00	Ottawa ON		EH
Basis of Estimate	of 40	20140123		85.9 / -4.00	Ottawa ON Nearest Intersection:		EH
Basis of Estimate	of 40	20140123( C		85.9 / -4.00	Ottawa ON	City of Ottawa	EH
Basis of Estimate <u>9</u> 30 Order No: Status:	of 40	С	037	85.9 / -4.00	Ottawa ON Nearest Intersection:	City of Ottawa ON	EH
Basis of Estimate <u>9</u> 30 Order No: Status: Report Type:	of 40	C Standard F	037 Report	85.9 / -4.00	Ottawa ON Nearest Intersection: Municipality: Client Prov/State:	ON	EH
Basis of Estimate <u>9</u> 30 Order No: Status: Report Type: Report Date:	of 40	C Standard F 29-JAN-14	037 Report 4	85.9 / -4.00	Ottawa ON Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	ON .25	EH
Basis of Estimate <u>9</u> 30 Order No: Status: Report Type: Report Date: Date Received:	of 40	C Standard F 29-JAN-14 23-JAN-14	037 Report 4		Ottawa ON Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .25 -75.914288	EH
Basis of Estimate <u>9</u> 30 Order No: Status: Report Type: Report Date: Date Received:	of 40 me:	C Standard F 29-JAN-14 23-JAN-14 3672361 C	037 Report 4 4 Canada Inc; Therat	tronics	Ottawa ON Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	ON .25	EH
9       30         Order No:       30         Status:       30         Report Type:       30         Report Date:       30         Date Received:       30         Previous Site Na       30	of 40 me:	C Standard F 29-JAN-14 23-JAN-14 3672361 C Internation	037 Report 4 2 Canada Inc; Therat nal Limited; MDS N	tronics	Ottawa ON Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .25 -75.914288	EH
Basis of Estimate <u>9</u> 30 Order No: Status: Report Type: Report Date: Date Received:	of 40 me:	C Standard F 29-JAN-14 23-JAN-14 3672361 C	037 Report 4 2 Canada Inc; Therat nal Limited; MDS N	tronics	Ottawa ON Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .25 -75.914288	Eh

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
<u>9</u>	31 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd 413 March Road Kanata ON	<u>.</u>	GEN
Generator N	lo:	ON8046	323		PO Box No:		
Status: Approval Ye Contam. Fac MHSW Facil	cility:	2013			Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descrip	•	333299,				HER METALWORKING MACHINERY NERY MANUFACTURING	
Detail(s)							
Waste Class Waste Class			146 OTHER SPECIFIE	D INORGANICS			
Waste Class Waste Class			212 ALIPHATIC SOLVI	ENTS			
Waste Class Waste Class			145 PAINT/PIGMENT/0	COATING RESIDU	JES		
Waste Class Waste Class			241 HALOGENATED S	OLVENTS			
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES			
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMIC	ALS		
Waste Class Waste Class			264 PHOTOPROCESS	ING WASTES			
Waste Class Waste Class			112 ACID WASTE - HE	AVY METALS			
Waste Class Waste Class			252 WASTE OILS & LU	JBRICANTS			
Waste Class Waste Class			148 INORGANIC LABC	ORATORY CHEMI	CALS		
Waste Class Waste Class			122 ALKALINE WASTE	ES - OTHER MET	ALS		
<u>9</u>	32 of 40		NNE/249.6	85.9 / -4.00	BEST THERATRONIC 413 MARCH ROAD NO OTTAWA ON K2K0E4	DT AVAILABLE	NPR
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type	):	11667 118051 37107 NPRI			Org ID: Submit Date: Last Modified: Contact ID: Cont Type: Contact Title:	101931 5/27/2014 5/29/2015 3:28:24 PM	
Rpt Type ID. Report Year Not-Current Yr of Last Fi	Rpt?:	1 2013 No 2014			Cont First Name: Cont Last Name: Contact Position: Contact Fax:		

54

Fac Address1:     413 MARCH ROAD     Contact Tel.:	Fac Name: Fac Address1: Fac Address2:						
Fig: Address:       413 MARCH ROAD       Contact Tel:         Fig: Address:       NOT AVALABLE       Contact Email:         Fig: Address:       NOT AVALABLE       Contact Email:         Fig: Address:       45.3383         Facility Lat:       45.3383         Facility Lat:       Latitude:       45.3381         Facility Conts:       1983         Facility Conts:       UTM Northing:         URL:       Northing:         Waste Streams:       -75.9141         Do I Empl:       175         Parent Co.:       Waste Streams:         No Paront Co.:       No Streams:         URL:       Maste Streams:         No Paront Co.:       No Streams:         No Paront Co.:       No Streams:         No Paront Co.:       No Of Sites:         No Paront Co.:       No of Shutdown:         Contact Fac:       No of Shutdown:         Contact Fac:       No of Shutdown:         Stacks:       Code:         MACS Code:       33         MACS Code:       Stack Point         Caregory Type D:       1         Category Type Dese:       1         Category Type Dese:       1         Category Type D	Fac Address1: Fac Address2:				Contact Ph.:		
Face Address2:       NOT AVAILABLE       Contract Ext:         Face Postal Zive       K33388       Contract Fax:         Facility Lat:       453338       Contract Fax:         Facility Lat:       453338       Contract Fax:         Facility Lat:       453388       Contract Fax:         Facility Lat:       175       Latitude:       453388         Parent Co:       175       Waster Streams:       No Streams:         No of Stacks:       No Streams:       No Streams:       No Streams:         No of Stacks:       Shutdown:       Contract fax:       No Streams:         Stacks:       Shutdown:       Contract fax:       No Streams:         Stack of dight:       33       Nord Stacks:       Shutdown:       Contract fax:         Stack of dight:       33       Na(CS Code (dight):       Stack / Point       Contract fax:       Contract fax:         Statance Release Report       1       Code A       Code A       Contract fax:       Contract fax: <td>Fac Address2:</td> <td>RESUL</td> <td>IERATRONICS</td> <td></td> <td>Cont Area Code:</td> <td></td> <td></td>	Fac Address2:	RESUL	IERATRONICS		Cont Area Code:		
File Posting Zip:       K2K0E4       Contract Enail:         Feeling Ling:       -75.9141       Contract Enail:         DS (Last File App):       Longitude:       -75.9141         Ball MC (Source)       UTW Xorking:       UTW Xorking:         Wit:       UTW Morthing:       -75.9141         Ball MC (Source)       UTW Morthing:       -75.9141         Work (Source)       UTW Morthing:       -75.9141         Ball MC (Source)       UTW Morthing:       -75.9141         Work (Source)       UTW Morthing:       -75.9141         Ball MC (Source)       UTW Morthing:       -75.9141         Work (Source)       UTW Morthing:       -75.9141         Ball MC (Source)       UTW Morthing:       -75.9141         Start File MC (Source)       Waste Off Sites:       Source:         Start File MC (Source)       -75.9141       -75.9141         Start File MC (Source)       -75.9		413 MAR	CH ROAD		Contact Tel.:		
Seculity Lat.       45.3388       Contact Fax:         Seculity Lat.       45.3388       Contact Fax:         DLS (Last Flued Rep):       Easting Lat.       45.3388         Seculity Contact Fax:       Latitude:       45.3388         Datum:       1943       UTM Northing:         TRL       UTM Morthing:       75.9141         Datum:       1943       UTM Northing:         TRL       UTM Morthing:       75.9141         Datum:       1943       UTM Morthing:         TRL       UTM Morthing:       75.9141         Social Contact Fax:       UTM Morthing:         TRL       UTM Morthing:       75.9141         Social Contact Fax:       UTM Morthing:         WIC Social (Contact Fax:       Work Stress:         Social Contact Fax:       Work Stress:         Social Contact Fax:       Work Stress:         Social Contact Fax:       No Stress:         Social Contact Fax:       No Stress:         Social Contact Fax:       No Stress:         Social Contact Fax:       Social Contact Fax:         Social Contact Fax:       Social Contact Fax:         Social Contact Fax:       Social Contact Fax:         Social Stress:       Social Contact Fax: <td>Fac Postal Zin:</td> <td>NOT AVA</td> <td>AILABLE</td> <td></td> <td>Contact Ext.:</td> <td></td> <td></td>	Fac Postal Zin:	NOT AVA	AILABLE		Contact Ext.:		
The Section of the sector o	$a_{\rm C} = 0.00$	K2K0E4			Cont Fax Area Cde:		
Security Long:       -7.5.3141       Contact Email:         Social Field Rpt:       Latitude:       -45.3388         Security Controls:       UTM Northing:         Work Security Controls:       UTM Northing:         Work Security Controls:       UTM Northing:         Work Security Controls:       UTM Northing:         Stacks:       No Off Sites:         Pollut Prov Controls:       No Off Sites:         Stacks:       No Off Sites:         Stacks:       No Off Sites:         Stacks:       No Off Sites:         Code:       Stacks:         Vold Scode:       Stacks:         Notics Code (2 digit):       33         MCS Code (2 digit):       33         MCS Code (2 digit):       33         MCS Code (2 digit):       34         MCS Code (2 digit):       33         MCS Code (2 digit):       34         MCS Code (2 digit):       34         MCS Code (2 digit):       33         MCS Code (2 digit):       34         MCS Code (2 digit):	•	45.3388			Contact Fax:		
DLS ( Last Filed Rpc): Last filed Rpc): Last filed Rpc): Longitude: 45.3388 Sellity Chris: UTM Score: 75.5141 Datum: 1983 Sellity Chris: UTM Cone: UTM Score: 75.5141 UTM Score: UTM Score: UTM Score: 1000 No Farent Co.: UTM Easting: UTM Northing: UTM Northing: UTM Easting: 1000 No Farent Co.: No Streams: No Streams: No Streams: No Streams: No OT Sites: No Streams: No OT Sites: No OT Sit							
Facility District       Longitude:       -75.9141         Deturn:       1983       UTM Northing:         Wat:       UTM Northing:       UTM Northing:         Wat:       UTM Seating:       UTM Seating:         No of Enpl:       175       Waste Streams:         No of Enpl:       175       Waste Streams:         No of Stacks:       No of Stacks:       No of Stacks:         Canadian SIC Code (2 digit):       Statuation       No of Stacks:         Canadian SIC Code (2 digit):       33       No of Stacks:         Standard SIC Code:       Waste Othescription:       No of Stacks:         WACS Code (1 digit):       33       No of Stacks:         WACS A Description:       Medical equipment and supplies manufacturing         Statistance Release Report       Category Type Desc:       Stack / Poi						45 3388	
Detumine       1983       UTM Zone:         VRL:       UTM Zone:         VRL:       UTM Easting:         VRL:       UTM Easting:         VRL:       UTM Easting:         VRL:       UTM Easting:         VRL:       VTM Easting:         VRL:       VTM Easting:         VRL:       VR Streams:         VR Parent Co.:       No Streams:         VR Parent Co.:       No Streams:         Stacks:       No Off Siles:         Stacks:       No Off Siles:         Stacks:       No Of Subtown:         Stacks:       No of Shutdown:         Stacks:       Stacks:         VACS Code (2 digit):       33         VACS Code (4 digit):       3311         VACS Code (4 digit):       33311         VACS Code (6 digit):       33311         VACS Code (7 digit):       Slatence Repoor         Caregopt Type D:       1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Facility Contrats:       UTM Northing:         WIL:       UTM Sesting:         Wo of Enpl:       175         Waste Streams:       Waste Streams:         Waste Otto:       Waste Otto Sites:         So of Stacks:       Shutdown:         Wo of Stacks:       Shutdown:         Standam SIC Code (2 digit):       Samadam SIC Code         WICS Code (2 digit):       Samulacturing         Staffactance Release Report       Stack / Point         <	•	1083			-	10.0141	
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No of Empl: 175 Waste Streams: Parent Co.: No Parent Co.: No Streams: No Of Streams: No Of Streams: S	•				•		
Parent Ca: No Streams: No Parent Ca: Waste Off Sites: Pollut Prev Crants: Subvision Sites: Pollut Prev Crants: No Off Sites: Pollut Prev Crants: No Off Sites: Pollut Prev Crants: No Off Sites: Pollut Prev Crants: No Of Shutdown: Parentian Site Code (2 digit): Caracian Site Code (2 digit): Sate Site Code (2 digit): Caracian Site Code (2 digit): Caracian Site Code (2 digit): Caracian Site Site Code (2 digit): Site Code (2 digit): Si		175					
No Parent Co.: Waste Off Sites: No of Sites: Stack Sites: No Of Sites: No of Sites: Stacks: No Of Sites: Shutdown: No of Sites: Shutdown: No of Shutdown: Sites: Shutdown: No of Shutdown: Shutdown: Sites: Shutdown: No of Shutdown:		175					
Poliu Prov Canase: No Off Sites: Stacks: No of Shutdown: No of Shutdown: No of Shutdown: Standam SIC Code: Standam SIC Code: Site Code Description: American SIC Code: WAICS Code (2 dight): 333 VAICS 2 Description: Manufacturing VAICS Code (2 dight): 339 VAICS 2 Description: Medical equipment and supplies manufacturing VAICS 6 Description: Medical equipment and supplies manufacturing Material Air Frans Code: Status: Medical equipment and supplies manufacturing 3 30 of 40 NNE/249.6 85.9 / -4.00 Best Theratronics Ltd. Approval No: 977-92CDKOB More 2015-10-08 More 2015-1							
Stacks: Shutdown: No of Shutdown: Subardion SIC Code (2 digit): Subardion SIC Code (2 digit): 33 Surveisan SIC Code (2 digit): 33 VAICS 2 Code (2 digit): 33 VAICS 2 Code (4 digit): 330 VAICS 2 Code (4 digit): 330 VAICS 4 Description: Medical equipment and supplies manufacturing VAICS Code (6 digit): 339 VAICS 4 Description: Medical equipment and supplies manufacturing VAICS 6 Description: Medical equipment and supplies manufacturing Substance Hight A fail Ar frame Code: E2 Plomb (et ses composés) VAICS 6 Description: Asia Approval Date: 2015-10-08 City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: VAICS 6 Description: City: VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Approved VAICS 6 Description: City: Status: Appro							
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2-anadian SIC Code:       Virtual Sic Code (Structuring Sic Code (Structuring Sic Code Description:       Manufacturing Manufacturing Manufacturing Manufacturing Market of digit):       33         VAICS Code (Structuring Sic Code (Structuring Manufacturing Market of digit):       3391       Market of digit):       3391         VAICS Code (Structuring Manufacturing Market of digit):       3391       Market of digit):       3391         VAICS Code (Structuring Market of digit):       3391       Market of digit):       3391         Substance Release Report       Category Type Desc:       Stack / Point       Stack of digit):       3391         Category Type Desc:       Stack / Point       Stack of digit of digits       Stack of digit of digits       Stack of digit digits         Substance Release Report       Category Type Desc:       Stack / Point       Stack of digit digits       Stack of digit digits         Substance Release Report       Category Type Desc:       Stack / Point       Stack of digit digits       Stack of digit digits         Stategory Type Desc:       Alsa       Form:       Lead (and its compounds)       Dimb (et ses composés)         Juantity:       .081       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.       ECA         Approval No:       9972-92OKOB       MOE District:       Motaw ON K2K 0E4       Ottawa ON K2K 0E4	No of Stacks:				No of Shutdown:		
SIC Code Description: Marcina SIC Code: VAICS Code (2 digit): 33 MAICS 2 Description: Maulfacturing WAICS 4 Description: Medical equipment and supplies manufacturing WAICS 4 Description: Medical equipment and supplies manufacturing WAICS 6 Description: Medical equipment and supplies manufacturing Substance Release Report Category Type Desc (fr): Rejets 6 description: Total Air Trans Code: ASta Chern (fr): Medical esc compoonds) Chern (fr): Medical esc composés) Quantity: K Basis of Estimate Cd: E2 Basis of Estimate Desc: E2 - Published Emission Factors - In use from 2003 and onward <b>1 3 3 3 3 6 4 0 NNE/249.6 8 5 9</b> / <b>4</b> .00 <b>Best Theratronics Ltd.</b> <b>4 1 3 4 1 4 1 5 1 1 1 1 1 1 1 1 1 1</b>	Canadian SIC Code (2	digit):					
American SIC Code: MAICS Code (2 digit): 33 MAICS 20 escription: Manufacturing MAICS 20 escription: Medical equipment and supplies manufacturing MAICS 20 escription: Medical equipment and supplies manufacturing MAICS 20 escription: Medical equipment and supplies manufacturing Substance Release Report Category Type Desc: Stack / Point Category Type Desc: Stack / Point Category Type Desc: Total Ar Trans Code: ASta Chem: Lead (and its compounds) Chem (fr): Plomb (et ses composés) Quantity:	Canadian SIC Code:						
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NAICS Code (2 digit): 33 NAICS 2 Description: Manufacturing NAICS 4 Description: Medical equipment and supplies manufacturing NAICS 4 Description: Medical equipment and supplies manufacturing NAICS 5 Description: Medical equipment and supplies manufacturing Substance Release Report Category Type ID: 1 Category Type Desc (r): Rejets de cheminée ou ponctuels Grouping: Total Air Trans Code: ASta Chem (r): Lead (and its compounds) Chem (r): Pomb (et ses composés) Quantity: 081 Whit: Kg Basis of Estimate Desc: E2 Published Emission Factors - In use from 2003 and onward 9 33 of 40 NNE/249.6 85.9 / -4.00 Best Theratronics Ltd. 413 Marc Rd Ortawa ON NEXX 0E4 Approval Date: 2015-10-08 City: Supproval Type: ECA Approval Date: CAIR Project IType: AIR Address: 413 Marc Rd Find Supproval Type: ECA-AIR Project Type: AIR Address: 413 Marc Rd Find Address Supproval Type: ECA-AIR Project Type: AIR Address: Https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf Project Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf Project Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf Project Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf							
NAICS 20 escription:       Manufacturing         NAICS Code (4 digit):       339110         NAICS Code (4 digit):       339110         NAICS Code (6 digit):       339110         NAICS Code (6 digit):       339110         NAICS Obescription:       Medical equipment and supplies manufacturing         Substance Release Report       I         Category Type Desc:       Stack / Point         Category Type Desc:       Total Air         Trans Code:       ASta         Chern:       Lead (and its compounds)         Chern:       Lead (and its composés)         Quantity:       .061         Unit:       kg         Basis of Estimate Od:       E2         Basis of Estimate Desc:       E2. Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.         413 Marc Rd       Ottawa ON K2K 0E4       Approval No:       9972-92QKOB       City::         Status:       Approved       Latitude:       Latitude:         Approval No:       9972-92QKOB       Geometry X:       Geometry X:         Status:       Approved       Latitude:       Status:       Approved         Link Source:			33				
NAICS Code (4 digit):       3391         NAICS 4 Description:       Medical equipment and supplies manufacturing         NAICS 5 Description:       Medical equipment and supplies manufacturing         Substance Release Report       Image: Code (6 digit):         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)         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2 - Published Emission Factors - In use from 2003 and onward         Image:       9972-92QKQB       MOE District:         Approval No:       9972-92QKQB       MOE District:         Approval Date:       2015-10-08       City:         Status:       Approved       Longitude:         Record Type:       ECA       Latitude:							
NAICS 24 Description:       Medical equipment and supplies manufacturing         NAICS 66 (edipti):       339110         NAICS 66 (edipti):       339110         NAICS 66 (edipti):       339110         Substance Release Report       Image: Comparison of the second of the							
NAICS Code (6 idigit):       339110         NAICS 6 Description:       Medical equipment and supplies manufacturing         Substance Release Report       I         Category Type Desc       1         Category Type Desc       Stack / Point         Category Type Desc       I         Category Type Desc       Rejets de cheminé ou ponctuels         Grouping:       Total Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2 + Published Emission Factors - In use from 2003 and onward         Image:       9972-920KQB       MOE District:         Approval No:       9972-920KQB       MOE District:         Approval Date:       2015-10-08       City:         Status:       Approved       Longitude:         Record Type:       ECA       Geometry X:				at and cupplice may	nufacturing		
NAICS 6 Description:       Medical equipment and supplies manufacturing         Substance Release Report       Category Type Desc:       1         Category Type Desc:       Stack / Point         Category Type Desc:       Stack / Point         Category Type Desc:       Total Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Quantity:       .081         Unit:       kg         Basis of Estimate Desc:       E2. Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.         Approval Date:       2015-10-08       City:       Status:       Approval Date:       2015-10-08       City:         Status:       Approval Date:       2015-10-08       Geometry X:       Geometry X:       Geometry Y:     <				it and supplies mai	lulaciuling		
Substance Release Report         Category Type Desc       1         Category Type Desc (fr):       Rejets de cheminée ou ponctuels         Grouping:       Total Air         Trans Code:       ASta         Chemin:       Lead (and its compounds)         Uantity:       .081         Whit:       Kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval Date:       2015-110-08       City:       Status:       Approved       Latitude:         Record Type:       ECA       Latitude:       Geometry X:       Geometry X:         SUP Area Name:       Geometry X:       Geometry X:       Geometry X:         Approval Type:       ECA-AIR       Frider Type:       AIR         Address:       413 Marc Rd       ECA-AIR       Frider Hadress:         Full PDF Link:				t and aunalise	nufacturing		
Category Type ID:       1         Category Type Desc:       Stack / Point         Category Type Desc:       Fotal Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Chem:       Lead (and its compounds)         Otherm:       Lead (and its compounds)         Otherm:       Otherm (fr):         Quantity:       .081         Unit:       Kg         Basis of Estimate Desc:       E2         Basis of Estimate Desc:       E2         Published Emission Factors - In use from 2003 and onward       ECA         4       More Zays       85.9 / -4.00       Best Theratronics Ltd.         413 Marc Rd       Ottawa ON K2K 0E4       Approval No:       9972-92QKQB       MOE District:         Approval No:       9972-92QKQB       Longitude:       Categort Y Y:       Status:       Approval       Longitude:         Status:       Approved       Longitude:       Categort Y Y:       Status:       Approval       Longitude:         SWP Area Name:       Geometry Y:       Geometry Y:       Approval Type:       AIR         Address:       413 Marc Rd       Hitps://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf       Marcess:	NAICS 6 Description:			it and supplies mar	nuraciuning		
Category Type Desc:       Stack / Point         Category Type Desc:       Rejets de cheminée ou ponctuels         Grouping:       Total Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Chem (fr):       Plomb (et ses composés)         Quantity:       .081         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.         413 Marc Rd       Ottawa ON K2K 0E4       Afgoroval No:       9972-92QKQB       MOE District:         Approval No:       9972-92QKQB       MOE District:       Approval Strict:       Strict         Status:       Approved       Longitude:       Latitude:       Latitude:         Link Source:       IDS       Geometry X:       Geometry Y:         Approval Type:       AIR       Address:       413 Marc Rd         Full Address:       413 Marc Rd       ECA-AIR       Froject Type:         Full Address:       413 Marc Rd       ECA-AIR       Froject Type:       AIR         Address:       413 Marc Rd       Hulp Address:	Substance Release R	eport					
Category Type Desc (fr):       Rejets de cheminée ou ponctuels         Grouping:       Total Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Unit:       kg         Basis of Estimate Desc:       E2         Basis of Estimate Desc:       E2         Basis of Estimate Desc:       E2         Published Emission Factors - In use from 2003 and onward       ECA         413 Marc Rd       Ottawa ON K2K 0E4         Approval No:       9972-9ZQKQB       MOE District:         Approval Date:       2015-10-08       City:         Status:       Approved       Longitude:         Record Type:       ECA       Latitude:         Link Source:       IDS       Geometry X:         SWP Area Name:       Geometry Y:         Approval Type: <t< td=""><td>Category Type ID:</td><td></td><td>1</td><td></td><td></td><td></td><td></td></t<>	Category Type ID:		1				
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:       .081         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.       413 Marc Rd         Ottawa ON K2K 0E4       MOE District:       Approval Date:       2015-10-08       City:       Status:         Approval Date:       2015-10-08       City:       Status:       Approved       Longitude:         Record Type:       ECA       Latitude:       Link Source:       IDS       Geometry X:         SWP Area Name:       Geometry X:       Geometry Y:       Approval Type:       ECA-AIR         Project Type:       AIR       Atdress:       413 Marc Rd         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf       NPRI			Stack / Point				
Grouping:       Total Air         Trans Code:       ASta         Chem:       Lead (and its compounds)         Chem (ft):       Plomb (et ses composés)         Quantity:       .081         Unit:       kg         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.       ECA         413 Marc Rd       Ottawa ON K2K 0E4       Attace Rd       Ottawa ON K2K 0E4       Approval No:       9972-9ZQKQB       MOE District:         Approval No:       9972-9ZQKQB       MOE District:       Approval No:       2015-10-08       City:         Status:       Approved       Longitude:       Latitude:       Latitude:         Link Source:       IDS       Geometry X:       Geometry Y:         Approval Type:       ECA-AIR       Froject Type:       AIR         Address:       413 Marc Rd       Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD.         41 PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf       NPRI		fr):	Rejets de chemin	ée ou ponctuels			
Trans Code:       ASta         Chem:       Lead (and its compounds)         Chem (fr):       Plomb (et ses composés)         Quantity:       .081         Unit:       Kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2 Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-92QKQB       MOE District:       Approval Date:       2015-10-08       City:         Status:       Approved       Longitude:       Record Type:       ECA         Approval Date:       2015-10-08       City:       Status:       Approved       Longitude:         Approval Date:       2015-10-08       City:       Status:       Approved       Longitude:         Approval Type:       ECA       ECA       Latitude:       Link Source:       IDS       Geometry X:         SWP Area Name:       Geometry Y:       Approval Type:       AIR       Address:       413 Marc Rd         Full Address:       413 Marc Rd       Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf         9       34 of 40       N		,	•				
Chem:       Lead (and its compounds)         Chem (fr):       Plomb (et ses composés)         Quantity:       .081         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-92QKQB       MOE District: Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude:         Record Type:       ECA       ECA       Latitude:       ECA         Approval Type:       ECA-AIR Project Type:       AIR Address:       Geometry X: Geometry Y: AIR       Geometry Y: Address:       AIR Address:         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf       NPRI							
Chem (fr):       Plomb (et ses composés)         Quantity:       .081         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd.       ECA         Approval No:       9972-9ZQKQB       MOE District:       Approval Not City:       Status:       Approved       Longitude:         Record Type:       ECA       Laitude:       Laitude:       Laitude:       Record Type:       ECA-AIR         Project Type:       AR       Address:       Https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf       NPRI         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD.       NPRI				nounds)			
Quantity:       .081       .081         Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-92QKQB       MOE District: Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude:         Status:       Approved       Longitude: Geometry X: Geometry X:       Comment Y: Geometry X:       Second Type:       ECA         Approval Type:       ECA-AIR       Geometry X: Geometry X:       Geometry Y: AIR       Address:         Approval Type:       AIR       AIR       Address:       Full Address:         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf       NPRI							
Unit:       kg         Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-9ZQKQB       MOE District: Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude:         Record Type:       ECA       Losonetry X: Geometry X: MP Area Name:       Geometry X: Geometry Y:       Geometry Y: Approval Type:       ECA-AIR HIB         Froject Type:       AIR       Aldress:       413 Marc Rd         Full Address:       Https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf       NPRI         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI			· ·	ipuses)			
Basis of Estimate Cd:       E2         Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-92QKQB       MOE District: Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude:       ECA         Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude:       ECA         Record Type:       ECA       Latitude: Geometry X:       Latitude: Geometry Y:       ECA-AIR         Project Type:       AIR Address:       A13 Marc Rd       Https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JNTY-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI	•						
Basis of Estimate Desc:       E2- Published Emission Factors - In use from 2003 and onward         9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-9ZQKQB       MOE District: Approval Date:       2015-10-08       City: Status:       Approved       Longitude: Longitude: EcA       ECA         Status:       Approved       Longitude: Geometry X: Geometry X: Geometry Y:       ECA-AIR       For the factor of							
9       33 of 40       NNE/249.6       85.9 / -4.00       Best Theratronics Ltd. 413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-9ZQKQB       MOE District: City:       Status:       Approved       Longitude: Longitude:       ECA       ECA         Status:       Approved       Longitude: Longitude:       ECA       ECA       ECA       ECA         More Name:       Geometry X: Approval Type:       ECA-AIR       Geometry Y: AIR       Geometry Y: Address:       ECA-AIR         Project Type:       AIR       AlR       Address:       Full Address:       Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf       NPRI         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI					( 0000 I I		
413 Marc Rd Ottawa ON K2K 0E4       ECA         Approval No:       9972-9ZQKQB       MOE District: Approval Date:       2015-10-08       City: Status:         Approved       Longitude: Longitude:       Longitude: Longitude:       Longitude: City:       City: Status:       Status:       Approved       Longitude: Longitude:         Record Type:       ECA       Latitude: Link Source:       IDS       Geometry X: Geometry X: Geometry Y:         SWP Area Name:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       Https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT A VAILABLE       NPRI	Basis of Estimate Des	SC:	E2- Published Em	ission Factors - In	use from 2003 and onward		
Approval Date:2015-10-08City:Status:ApprovedLongitude:Record Type:ECALatitude:Link Source:IDSGeometry X:SWP Area Name:Geometry Y:Approval Type:ECA-AIRProject Type:AIRAddress:413 Marc RdFull Address:Full Address:Full PDF Link:https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf934 of 40NNE/249.685.9 / -4.00BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLENPRI	9 33 of 40	)	NNE/249.6	85.9 / -4.00	413 Marc Rd		ECA
Approval Date:2015-10-08City:Status:ApprovedLongitude:Record Type:ECALatitude:Link Source:IDSGeometry X:SWP Area Name:Geometry X:Approval Type:ECA-AIRProject Type:AIRAddress:413 Marc RdFull Address:Full PDF Link:https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf934 of 40NNE/249.685.9 / -4.00BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE	Approval No:	9972-9Z0	QKQB		MOE District:		
Status:       Approved       Longitude:         Record Type:       ECA       Latitude:         Link Source:       IDS       Geometry X:         SWP Area Name:       Geometry X:         Approval Type:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI	••	2015-10-	08		City:		
Record Type:       ECA       Latitude:         Link Source:       IDS       Geometry X:         SWP Area Name:       Geometry Y:         Approval Type:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       Full PDF Link:         https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40         NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE	••				-		
Link Source:       IDS       Geometry X: Geometry X: Geometry Y:         SWP Area Name:       Geometry X: Geometry Y:         Approval Type:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       Full Address:         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI			A		0		
SWP Area Name:       Geometry Y:         Approval Type:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       Full Address:         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI	•••						
Approval Type:       ECA-AIR         Project Type:       AIR         Address:       413 Marc Rd         Full Address:       Full Address:         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI		103					
Project Type:       AIR         Address:       413 Marc Rd         Full Address:       413 Marc Rd         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI					Geometry 1:		
Address:       413 Marc Rd         Full Address:       413 Marc Rd         Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI			-				
Full Address:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI							
Full PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/3354-98JN7Y-14.pdf         9       34 of 40       NNE/249.6       85.9 / -4.00       BEST THERATRONICS LTD. 413 MARCH ROAD NOT AVAILABLE       NPRI			413 Marc Rd				
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	9 34 of 40	)	NNE/249.6	85.9 / -4.00			NPRI
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Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
NPRI ID:		11667			Org ID:	101931	
Other ID:					Submit Date:	5/29/2015	
No Other ID:					Last Modified:	6/10/2015 10:59:04 AM	
						0/10/2015 10.59.04 AM	
Track ID:		129164			Contact ID:		
Report ID:		54389			Cont Type:		
Report Type:		NPRI			Contact Title:		
Rpt Type ID:		1			Cont First Name:		
Report Year:		2014			Cont Last Name:		
Not-Current Rp		No			Contact Position:		
Yr of Last Filed		2014			Contact Fax:		
Fac ID:		224293			Contact Ph.:		
Fac Name:		BEST TH	ERATRONICS		Cont Area Code:		
ac Address1:			CH ROAD		Contact Tel.:		
Fac Address2:		NOT AVA	ILABLE		Contact Ext.:		
Fac Postal Zip:	:	K2K0E4			Cont Fax Area Cde:		
Facility Lat:		45.3388			Contact Fax:		
Facility Long:		-75.9141			Contact Email:		
		70.0141				15 2200	
DLS (Last Filed	а крі):				Latitude:	45.3388	
Facility DLS:					Longitude:	-75.9141	
Datum:		1983			UTM Zone:		
Facility Cmnts.	:				UTM Northing:		
URL:	-				UTM Easting:		
		475					
No of Empl.:		175			Waste Streams:		
Parent Co.:					No Streams:		
No Parent Co.:					Waste Off Sites:		
Pollut Prev Cm	nnts <sup>.</sup>				No Off Sites:		
Stacks:					Shutdown:		
No of Stacks:					No of Shutdown:		
Canadian SIC (		git):					
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SIC Code Desc							
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			00				
NAICS Code (2			33				
NAICS 2 Descr	ription:		Manufacturing				
NAICS Code (4	digit):		3391				
NAICS 4 Descr			Medical equipment	and supplies may	nufacturing		
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				and aunalian may	aufo aturin a		
NAICS 6 Descr	τραστε		Medical equipment	and supplies mai	luracturing		
Substance Rel	ease Repo	<u>rt</u>					
Category Type	ID:		1				
Category Type			Stack / Point				
Category Type			Rejets de cheminée	ou ponctuels			
Grouping:	2000 (11).		Total Air				
Trans Code:			ASta				
Chem:			Lead (and its comp	ounds)			
Chem (fr):			Plomb (et ses comp	oosés)			
Quantity:			.046	,			
Unit:							
			kg				
Basis of Estim			E2				
Basis of Estim	ate Desc:		E2- Published Emis	ssion Factors - In	use from 2003 and onward		
	35 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4		GEN
<u>9</u> 3							
		ONROVEN	23		PO Boy Mar		
Generator No:		ON80463	23		PO Box No:		
Generator No:			23		Country:	Canada	
Generator No: Status:		ON80463	23			Canada CO_OFFICIAL	
Generator No: Status: Approval Years	s:		23		Country:		
Generator No: Status: Approval Years Contam. Facilit	s: ty:	2015 No	23		Country: Choice of Contact: Co Admin:		
Generator No: Status: Approval Years	s: ty:	2015 No No	23 333519, 333990		Country: Choice of Contact:		

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
SIC Descript	ion:				RY MANUFACTURING, OTI NERAL-PURPOSE MACHIN	HER METALWORKING MACHINERY IERY MANUFACTURING	
Detail(s)							
Waste Class. Waste Class			146 OTHER SPECIFIEI	D INORGANICS			
Naste Class. Naste Class			212 ALIPHATIC SOLVE	ENTS			
Vaste Class. Vaste Class			263 ORGANIC LABOR	ATORY CHEMICA	LS		
Vaste Class. Vaste Class			148 INORGANIC LABO	RATORY CHEMI	CALS		
Vaste Class. Vaste Class			252 WASTE OILS & LU	IBRICANTS			
Vaste Class. Vaste Class			112 ACID WASTE - HE	AVY METALS			
Vaste Class. Vaste Class			122 ALKALINE WASTE	S - OTHER META	NLS		
Vaste Class. Vaste Class			331 WASTE COMPRES	SSED GASES			
Vaste Class. Vaste Class			264 PHOTOPROCESS	ING WASTES			
Vaste Class. Vaste Class			241 HALOGENATED S	OLVENTS			
Vaste Class. Vaste Class			145 PAINT/PIGMENT/C	COATING RESIDU	IES		
<u>9</u>	36 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4		GEI
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Code:	ars: ility: ty:	ON80463 2014 No No 333299,	333519, 333990 ALL OTHER INDUS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: RY MANUFACTURING, OTI NERAL-PURPOSE MACHIN	Canada CO_OFFICIAL HER METALWORKING MACHINERY IERY MANUFACTURING	
Detail(s)							
Vaste Class. Vaste Class			145 PAINT/PIGMENT/C	COATING RESIDU	IES		
Vaste Class. Vaste Class			112 ACID WASTE - HE	AVY METALS			
			252				
Vaste Class Vaste Class			WASTE OILS & LU	IBRICANTS			

Map Key	Number Record		Elev/Diff ) (m)	Site	D
Waste Class	Desc:	ORGANIC LABO	RATORY CHEMIC	ALS	
Waste Class: Waste Class		148 INORGANIC LAE	BORATORY CHEMI	CALS	
Waste Class: Waste Class		146 OTHER SPECIFI	ED INORGANICS		
Waste Class: Waste Class		331 WASTE COMPR	ESSED GASES		
Waste Class: Waste Class		264 PHOTOPROCES	SING WASTES		
Waste Class: Waste Class		241 HALOGENATED	SOLVENTS		
Waste Class: Waste Class		212 ALIPHATIC SOL	VENTS		
Waste Class: Waste Class		122 ALKALINE WAST	TES - OTHER MET	ALS	
<u>9</u>	37 of 40	NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4	GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON8046323 Registered As of Dec 2018		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class		112 C Acid solutions - c	ontaining heavy me	tals	
Waste Class: Waste Class		122 C Alkaline slutions -	- containing other m	etals and non-metals (not cyanide)	
Waste Class: Waste Class		146 C Other specified in	organic sludges, sl	urries or solids	
Waste Class: Waste Class		146 I Other specified in	organic sludges, sl	urries or solids	
Waste Class: Waste Class		146 R Other specified in	organic sludges, sl	urries or solids	
Waste Class: Waste Class		146 T Other specified ir	organic sludges, sl	urries or solids	
Waste Class: Waste Class		148 C Misc. wastes and	inorganic chemical	s	
Waste Class: Waste Class		212 I Aliphatic solvents	and residues		
		•			

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class: Waste Class D	Desc:		252 L Waste crankcase o	ils and lubricants			
Waste Class: Waste Class D	Desc:		252 T Waste crankcase o	ils and lubricants			
Waste Class: Waste Class D	Desc:		253 L Emulsified oils				
Waste Class: Waste Class D	Desc:		263 I Misc. waste organio	c chemicals			
Waste Class: Waste Class D	Desc:		264 C Photoprocessing w	astes			
Waste Class: Waste Class D	Desc:		331 I Waste compressed	gases including c	ylinders		
<u>9</u>	38 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd. 413 March Road Kanata ON K2K 0E4		GEN
Generator No: Status: Approval Year Contam. Facili MHSW Facility SIC Code: SIC Descriptio	rs: ity: /:	ON80463 2016 No 333299,	333519, 333990	STRIAL MACHINE	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: ERY MANUFACTURING, OTH	Canada CO_OFFICIAL HER METALWORKING MACHINERY	
<u>Detail(s)</u> Waste Class:			145				
Waste Class D Waste Class:	)esc:		PAINT/PIGMENT/C	OATING RESIDU	JES		
Waste Class: Waste Class D	Desc:		ORGANIC LABOR	ATORY CHEMICA	ALS		
Waste Class: Waste Class D	Desc:		212 ALIPHATIC SOLVE	ENTS			
Waste Class: Waste Class D	Desc:		331 WASTE COMPRES	SSED GASES			
Waste Class: Waste Class D	Desc:		241 HALOGENATED S	OLVENTS			
Waste Class: Waste Class D	Desc:		252 WASTE OILS & LU	BRICANTS			
Waste Class: Waste Class D	Desc:		146 OTHER SPECIFIEI	D INORGANICS			
Waste Class: Waste Class D	Desc:		264 PHOTOPROCESS	ING WASTES			
Waste Class: Waste Class D	Desc:		112 ACID WASTE - HE	AVY METALS			
Waste Class: Waste Class D	Desc:		148 INORGANIC LABO	RATORY CHEMI	CALS		
Waste Class:			122				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		ALKALINE WASTE	S - OTHER MET	ALS		
<u>9</u>	39 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd 413 MARCH ROAD NO OTTAWA ON K2K0E4	OT AVAILABLE	NPRI
NPRI ID:		11667			Org ID:	105523	
Other ID:					Submit Date:	5/27/2016	
No Other ID:					Last Modified:	11/18/2016 8:28:05 AM	
Track ID:		139487			Contact ID:		
Report ID:		73834			Cont Type:		
Report Type		NPRI			Contact Title:		
Rpt Type ID:		1			Cont First Name:		
Report Year.		2015			Cont Last Name:		
Not-Current		No			Contact Position:		
Yr of Last Fi	led Rpt:	2014			Contact Fax:		
Fac ID:		224293			Contact Ph.:		
Fac Name:			IERATRONICS		Cont Area Code:		
Fac Address					Contact Tel.:		
Fac Address		NOT AV	AILABLE		Contact Ext.: Cont Fax Area Cde:		
Fac Postal Z	ıp:	K2K0E4 45.3388			Cont Fax Area Cde: Contact Fax:		
Facility Lat: Facility Long		-75.9141			Contact Email:		
DLS (Last Fi		-75.5141			Latitude:	45.3388	
Facility DLS					Longitude:	-75.9141	
Datum:		1983			UTM Zone:	10.0141	
Facility Cmn	ts:	1000			UTM Northing:		
URL:					UTM Easting:		
No of Empl.:		150			Waste Streams:		
Parent Co.:					No Streams:		
No Parent C Pollut Prev (					Waste Off Sites: No Off Sites:		
Stacks:					Shutdown:		
No of Stacks Canadian SI		liait):			No of Shutdown:		
Canadian SI		iigit).					
SIC Code De							
American SI							
NAICS Code			33				
NAICS 2 Des			Manufacturing				
NAICS Code			3391				
NAICS 4 Des			Medical equipment	and supplies ma	nufacturing		
NAICS Code	(6 digit):		339110		-		
NAICS 6 Des	scription:		Medical equipment	and supplies ma	nufacturing		
Substance F	Release Rep	<u>oort</u>					
Category Ty	pe ID:		1				
Category Ty			Stack / Point				
Category Ty		):	Rejets de cheminé	e ou ponctuels			
Grouping:		-	Total Air				
Trans Code:			ASta				
Chem:							
Chem (fr):							
Quantity:			.033				
Unit:	_		kg				
Basis of Est			E2				
Basis of Est	imate Desc.	:	E2- Published Emi	ssion Factors - In	use from 2003 and onward		
9	40 of 40		NNE/249.6	85.9 / -4.00	Best Theratronics Ltd.		GEN
					413 March Road		GLN
					Kanata ON K2K 0E4		

Мар Кеу	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator No. Status: Approval Year Contam. Facil MHSW Facility SIC Code: SIC Descriptio	R rs: A: lity: y:	N8046323 legistered s of Oct 2019		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class: Waste Class L	Desc:	263 I Misc. waste organic	chemicals			
Waste Class: Waste Class L	Desc:	251 L Waste oils/sludges (	petroleum base	d)		
Waste Class: Waste Class L	Desc:	252 T Waste crankcase oil	s and lubricants			
Waste Class: Waste Class L	Desc:	145 I Wastes from the use	e of pigments, co	patings and paints		
Waste Class: Waste Class L	Desc:	331 I Waste compressed	gases including	cylinders		
Waste Class: Waste Class L	Desc:	253 L Emulsified oils				
Waste Class: Waste Class L	Desc:	122 C Alkaline slutions - co	ontaining other n	netals and non-metals (not c	zyanide)	
Waste Class: Waste Class L	Desc:	264 C Photoprocessing wa	stes			
Waste Class: Waste Class L	Desc:	112 C Acid solutions - cont	aining heavy me	etals		
Waste Class: Waste Class L	Desc:	146 T Other specified inor	ganic sludges, sl	lurries or solids		
Waste Class: Waste Class L	Desc:	212 L Aliphatic solvents ar	nd residues			
Waste Class: Waste Class L	Desc:	212 I Aliphatic solvents ar	nd residues			
Waste Class: Waste Class L	Desc:	252 L Waste crankcase oil	s and lubricants			
Waste Class: Waste Class L	Desc:	146 I Other specified inorg	ganic sludges, sl	lurries or solids		
Waste Class: Waste Class L	Desc:	146 C Other specified inor	ganic sludges, sl	lurries or solids		
Waste Class: Waste Class L	Desc:	241 H Halogenated solven	ts and residues			
Waste Class: Waste Class L	Desc:	146 R Other specified inorg	ganic sludges, sl	lurries or solids		
Waste Class: Waste Class I	Desci	148 C Misc. wastes and inc				

# Unplottable Summary

## Total: 41 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 6 Con 3	Kanata ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
СА	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA	Longwood Building Corporation	Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front	Ottawa ON	
СА	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
СА	1250353 Ontario Limited	Part of Lot 6, Concession 2 and 3, Rideau	Ottawa ON	
CA	ONTARIO HYDRO, SOUTH MARCH TS	LOT 7, CONC, 3	KANATA CITY ON	
СА		Lot 6, Concession 2 and 3	Ottawa ON	
CA	GOLDER ASSOCIATES LIMITED	SAWMILL RIDGE SUBD., MAC ST.	OTTAWA CITY ON	
СА		Lot 6, Concession 2 and 3	Ottawa ON	
СА	Longwood Building Corporation	Part of Lot 6, Between Concession 2 & 3	Ottawa ON	
EBR	Golder Associates Ltd.	19311935 Robertson Road Ottawa K2H 5B9 CITY OF OTTAWA	ON	
EBR	KNL Developments Inc.	Lot 6 (Concession 3) and 7 (Concession 2 &3), March Township CITY OF OTTAWA Kanata	ON	
ECA	Longwood Building Corporation	Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front	Ottawa ON	K1J 9H8
ECA	Humanics Universal Inc.	Part of Lot 7	Ottawa ON	K4A 1Z6
GEN	GOLDER ASSOCIATES INC.	ABBOTSFORD ROAD	OTTAWA ON	K2L 1C6
NEES	CN RAIL		OTTAWA ON	
OPCB	ONTARIO HYDRO - KANATA	SOUTH MARCH TS LOT 7, CONC. 3	KANATA ON	

PTTW	Lafarge Canada Inc.	Lot 7, 8, and 9, Concession 6, Township of Cumberland, City of Ottawa CUMBERLAND	ON
PTTW	6980848 Canada Corporation	Part Lot 7,8, Concession 3, Township of Osgoode, City of Ottawa OSGOODE	ON
SPL	PUC	MARCHWOOD TRANSFORMER STATION ON STATION ROAD TRANSFER STATION	KANATA CITY ON
SPL	CANADIAN NATIONAL RAILWAY	WAKELY RAIL YARD C.N.R. TRAIN	OTTAWA CITY ON
SPL	CANADIAN NATIONAL RAILWAY	STORAGE TANKS	OTTAWA CITY ON
WWIS		lot 7	ON
WWIS		lot 7	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 7	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 7	ON
WWIS		lot 6	ON
WWIS		lot 7	ON
WWIS		lot 6	ON
WWIS		lot 7	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 6	ON
WWIS		lot 6	ON

# **Unplottable Report**

## Site:

Lot 6 Con 3 Kanata ON

Type:QuarryRegion/County:Ottawa-CarletonTownship:KanataConcession:3Lot:6Size (ha):2.25Landuse:Comments:

#### Site:

#### Lot 6, Concession 2 and 3 Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1760-4W5ML6 01 4/25/01 Municipal & Private water Approved New Certificate of Approval KNL Developments Inc. 222 Somerset Street West, Suite 300 Ottawa K2P 2G3 Watermains to be constructed on Witherspoon Crescent

#### <u>Site:</u> 1374421 Ontario Ltd. North Part of Lot 6, Concession III Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1907-62VS2P 2004 7/21/2004 Municipal and Private Sewage Works Revoked and/or Replaced

#### <u>Site:</u> Longwood Building Corporation Part of Lot 6 in the Gore Concession between Concessions 2 & 3, Rideau Front Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: 7831-6FARGB 2005 8/26/2005 Municipal and Private Sewage Works Approved

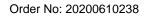
64

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Database: CA

Database: CA

Database:





Database:

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

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7248-6M3NHQ 2006 2/17/2006 Municipal and Private Sewage Works Approved

#### <u>Site:</u> 1250353 Ontario Limited Part of Lot 6, Concession 2 and 3, Rideau Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 9386-674PJH 2004 12/16/2004 Industrial Sewage Works Approved

#### <u>Site:</u> ONTARIO HYDRO, SOUTH MARCH TS LOT 7, CONC, 3 KANATA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address:	4-0070-97- 97 7/17/1997 Industrial wastewater Approved
Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	SPILL CONT. FOR TRANSFORMERS T1 & T2

## Site:

#### Lot 6, Concession 2 and 3 Ottawa ON

Certificate #:5772-4W5M6DApplication Year:01

Database:

Database: CA





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

4/25/01 Municipal & Private sewage Approved New Certificate of Approval KNL Developments Inc. 222 Somerset Street West, Suite 300 Ottawa K2P 2G3 Storm and sanitary sewers to be constructed on Witherspoon Crescent

#### Site: **GOLDER ASSOCIATES LIMITED** SAWMILL RIDGE SUBD., MAC ST. OTTAWA CITY ON

97

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

8-4177-97-10/15/1997 Industrial air

AIR SPARGING T-MENT OF BTEX CONT.G-WATER

### Site:

#### Lot 6, Concession 2 and 3 Ottawa ON

Certificate #:	6816-54HQ5P
Application Year:	01
Issue Date:	11/16/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	KNL Developments Inc.
Client Address:	222 Somerset Street West, Suite 300
Client City:	Ottawa
Client Postal Code:	K2P 2G3
Project Description:	Sanitary Sewers including appurtenances from approximately 50m west of Ironside Court to the Goulbourn Forced
	Road to serve the Kanata Lakes Subdivision, City of Ottawa
Contominanto	

Contaminants: **Emission Control:** 

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#### Longwood Building Corporation Site: Part of Lot 6, Between Concession 2 & 3 Ottawa ON

Certificate #: 6229-6EQGQE Application Year: 2005 Issue Date: 7/28/2005 Municipal and Private Sewage Works Approval Type: Status: Approved Application Type: Client Name: **Client Address:** Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

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Database: СА

Database: CA

Database: CA

<u>Site:</u>	Golder Associ 19311935 Rob	ates Ltd. ertson Road Ottawa K2H 5B9 CITY OF OTTA	WA ON	Database: EBR
EBR R	egistry No:	012-2926	Decision Posted:	
Ministr	ry Ref No:	6895-9PJHS5	Exception Posted:	
Notice		Instrument Decision	Section:	
Notice Stage:		821734627	Act 1:	
Notice		February 08, 2016	Act 2:	
Propos Year:	sal Date:	October 31, 2014 2014	Site Location Map:	
	nent Type:		Compliance Approval (project type: air)	
	trument Name:			
Posteo				
	any Name:	Golder Associates Ltd.		
Site Ac	ddress:			
	on Other:			
•	nent Name:	1004 Daharta a Daad Ollawa Oal		
•	nent Address:	1931 Robertson Road, Ottawa Ont	tario, Canada K2H 5B9	
URL:	ent Period:			
UNL.				
Site Lo	ocation Details:			
193119	35 Robertson Ro	ad Ottawa K2H 5B9 CITY OF OTTAWA		
Site:	KNL Developn	aonts Inc		Database:
<u>one.</u>		sion 3) and 7 (Concession 2 &3), March Town	nship CITY OF OTTAWA Kanata ON	EBR
EBR R	egistry No:	011-5554	Decision Posted:	
	ry Ref No:	MNR INST 04/12	Exception Posted:	
Notice	Type:	Instrument Decision	Section:	
	Stage:	803954542	Act 1:	
Notice		June 21, 2012	Act 2:	
	sal Date:	February 01, 2012	Site Location Map:	
	nent Type: trument Name:	2012 (ESA s.17(2) (c)) - Permit for activi	ties with conditions to achieve overall benefit to the spec	es
Posteo				
	any Name:	KNL Developments Inc.		
Site Ac	ddress:			
	on Other:			
	nent Name:			
	nent Address:	2193 Arch Street, Ottawa Ontario,	Canada K1G 2H5	
Comm URL:	ent Period:			
UKL.				
Site Lo	ocation Details:			
Lot 6 (0	Concession 3) and	d 7 (Concession 2 &3), March Township CITY C	DF OTTAWA Kanata	
Sito	Longwood Bu	ilding Corporation		Database:
<u>Site:</u>		ilding Corporation the Gore Concession between Concession	s 2 & 3. Rideau Front Ottawa ON K1.19H8	Database: ECA
Approv		7831-6FARGB	MOE District:	
	val Date:	2005-08-26	City:	
Status.		Revoked and/or Replaced	Longitude:	
	d Type:	ECA	Latitude:	
Link So	ource: rea Name:	IDS	Geometry X:	
-	val Type:	ECA-MUNICIPAL AND PRIVATE S	Geometry Y: SEWAGE WORKS	
Project		MUNICIPAL AND PRIVATE SEWA		
Addres	••		on between Concessions 2 & 3, Rideau Front	
	dress:			
	DF Link:	https://www.accessenvironment.en	ne.gov.on.ca/instruments/9514-6ENNP8-14.pdf	

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Order No: 20200610238

<u>Site:</u>	Humanics Un Part of Lot 7		K4A 1Z6			Database ECA
Approva	al No:	2541-AK4T53 <b>MOE District</b> :				
	al Date:	2017-03-		City:		
Status:		Approved		Longitude:		
Record	Tvpe:	ECA		Latitude:		
ink So		IDS		Geometry X:		
	ea Name:			Geometry Y:		
	al Type:		ECA-MUNICIPAL AND PRIV			
Project			MUNICIPAL AND PRIVATE			
Address			Part of Lot 7			
-ull Add	dress:					
ull PDF	E Link:		https://www.accessenvironmo	ent.ene.gov.on.ca/instruments/681	3-AA2NAF-14.pdf	
<u>Site:</u>	GOLDER ASS ABBOTSFOR		NC. TTAWA ON K2L 1C6			Database GEN
Generat	or No:	ON62522	247	PO Box No:		
Status:				Country:	Canada	
	al Years:	2014		Choice of Contact:	CO_OFFICIAL	
	. Facility:	No		Co Admin:		
	Facility:	No		Phone No Admin:		
SIC Cod	•	237990				
	cription:	201000	OTHER HEAVY AND CIVIL I	ENGINEERING CONSTRUCTION		
Detail(s)	)					
Waste C	Class:		221			
	Class Desc:		LIGHT FUELS			
<u>Site:</u>	CN RAIL OTTAWA O	N				Database NEES
ncident	t Date:		8/21/85			
Contam	inant:		fuel 4,5			
Amount	-		0.1			
Jnits:			Tonnes (Metric)			
Quantity	<i>v:</i>					
Cause:			Unknown			
Source:			Unknown			
Reason	:		Unknown			
Sector:			Transportation			
			·			
<u>Site:</u>	ONTARIO HY SOUTH MAR	-	ATA 7, CONC. 3 KANATA ON			Database OPCB
Year:			1992			
rear: Site Nur	nhor:		40288A264			
Name O						
	nal Site Inform	ation:				
Site:	Lafarge Cana					Database
	Lot 7, 8, and	9, Concessio	on 6, Township of Cumberla	nd, City of Ottawa CUMBERLAN	D ON	PTTW
	gistry No:	010-8706		Decision Posted:		
	Ref No:	3610-7Z7		Exception Posted:		
lotice 7	Гуре:	Instrume	nt Decision	Section:		
Votice S				Act 1:		
	•	May 20, 2	2010	Act 2:		
lotice D				<b>O</b> <sup>1</sup> / <sub>2</sub> <b>J</b>		
Votice E Proposa	al Date:	Decembe	er 29, 2009	Site Location Map:		

2009

(OWRA s. 34) - Permit to Take Water Instrument Type: Off Instrument Name: Posted By: Company Name: Lafarge Canada Inc. Site Address: Location Other: Proponent Name: Construction Materials Division, 7880 Keele Street, Concord Ontario, Canada L4K4G7 Proponent Address: **Comment Period:** URL:

## Site Location Details:

Year:

Lot 7, 8, and 9, Concession 6, Township of Cumberland, City of Ottawa CUMBERLAND

#### Site: 6980848 Canada Corporation Part Lot 7,8, Concession 3, Township of Osgoode, City of Ottawa OSGOODE ON

EBR Registry No: Ministry Ref No: Notice Type: Notice Stage:	011-1038 3333-88PNVZ Instrument Decision	Decision Posted: Exception Posted: Section: Act 1:
Notice Date:	December 02, 2014	Act 2:
Proposal Date:	August 26, 2010	Site Location Map:
Year:	2010	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name:		
Posted By:		
Company Name:	6980848 Canada Corporation	
Site Address:		
Location Other: Proponent Name:		
Proponent Address: Comment Period: URL:	6598 Pebble Trail Way, Ottawa Ontari	o, Canada K4P 0B6

Site Location Details:

Part Lot 7,8, Concession 3, Township of Osgoode, City of Ottawa OSGOODE

Database:

SPL

Database:

PTTW

#### PUC Site: MARCHWOOD TRANSFORMER STATION ON STATION ROAD TRANSFER STATION KANATA CITY ON

Ref No:	37209	Discharger Report:	
Site No: Incident Dt:	7/4/1990	Material Group: Health/Env Conseg:	
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:	POSSIBLE	Site Municipality:	20103
Nature of Impact:	Human health	Site Lot:	
Receiving Medium:	AIR	Site Conc:	
Receiving Env:		Northing:	
MOE Response: Dt MOE Arvl on Scn:		Easting: Site Geo Ref Accu:	FIRE DEPT.
	7/4/1990		
MOE Reported Dt: Dt Document Closed:	7/4/1990	Site Map Datum: SAC Action Class:	
Incident Reason:	FIRE/EXPLOSION	Source Type:	
Site Name:		Source Type.	

#### <u>Site:</u> CANADIAN NATIONAL RAILWAY WAKELY RAIL YARD C.N.R. TRAIN OTTAWA CITY ON

Ref No:	36280	Discharger Report:	
Site No: Incident Dt: Year:	6/15/1990	Material Group: Health/Env Conseq: Cliont Type:	
ncident Cause: Incident Event:	OTHER CONTAINER LEAK	Client Type: Sector Type: Agency Involved:	
Contaminant Code: Contaminant Name:		Nearest Watercourse: Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1: Contaminant UN No 1:		Site Postal Code: Site Region:	
Environment Impact: Nature of Impact:	POSSIBLE Human health	Site Municipality: Site Lot:	20101
Receiving Medium: Receiving Env:	AIR	Site Conc: Northing:	
MOE Response: Dt MOE Arvl on Scn:		Easting: Site Geo Ref Accu:	E.P.S.
MOE Reported Dt: Dt Document Closed:	6/15/1990	Site Map Datum: SAC Action Class:	
Incident Reason: Site Name:	WELD/SEAM FAILURE	Source Type:	
Site County/District: Site Geo Ref Meth:			
Incident Summary:	C.N.R. TANK CAR- PETROLEUM (	GAS TO ATMOSPHERE.	

#### <u>Site:</u> CANADIAN NATIONAL RAILWAY STORAGE TANKS OTTAWA CITY ON

Contaminant Qty:

Ref No:	32199	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	3/16/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER 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:	POSSIBLE	Site Municipality:	20101
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	EPS, OTTAWA, NATIONAL TRANSPORT
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/16/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:		ecuree ryper	
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CN RAIL - 900L OIL TO WAL	KI EY YARD	
Contaminant Qty:			
Containinant Qty.			

Site:

Database:

Database: SPL

SPL

70

lot 7 ON

Well ID: **Construction Date:** Primary Water Use: Sec. Water Use: Final Well Status: 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): Flow Rate: Clear/Cloudy:

1525909

Domestic

92147

Water Supply

#### Bore Hole Information

10047644 Bore Hole ID: DP2BR: 10 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 11/13/1991 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

	931062640
Formation ID:	00.0020.0
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931062641
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	

Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Data Entry Status:

1 12/6/1991 Yes

3644 1

> OTTAWA-CARLETON MARCH TOWNSHIP

007

Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM: <u>Method of Construction &amp; Well</u>	10 63 ft
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10596214 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930083443 1 STEEL 26 6 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930083444 2 4 OPEN HOLE 63 6 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:	991525909 8 40 40 30 15 ft GPM 2 CLOUDY 1 1 0
Pumping Duration MIN: Flowing:	N

## Draw Down & Recovery

Pump Test Detail ID:	934649845
Test Type:	
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934907460
Test Type: Test Duration:	60
Test Level:	40
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934389319
Test Type:	
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934105685
Test Type:	
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

## Water Details

Water ID:	933485042
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

#### Site:

lot 7 ON

Well ID: Construction Date:	1525910	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/6/1991
Sec. Water Use: Final Well Status:	Water Supply	Selected Flag: Abandonment Rec:	Yes
Water Type: Casing Material:		Contractor: Form Version:	3644 1
Audit No:	92153	Owner:	
Tag: Construction Method:		Street Name: County:	OTTAWA-CARLETON
Elevation (m): Elevation Reliability:		Municipality: Site Info:	MARCH TOWNSHIP
Depth to Bedrock:		Lot:	007
Well Depth: Overburden/Bedrock:		Concession: Concession Name:	
Pump Rate: Static Water Level:		Easting NAD83:	
Flowing (Y/N):		Northing NAD83: Zone:	
Flow Rate: Clear/Cloudy:		UTM Reliability:	

#### **Bore Hole Information**

Bore Hole ID: 10047645 DP2BR: 10 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 11/20/1991 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials:	931062643 2 GREY 18 SANDSTONE
<i>Mat3:</i> Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	10 62 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931062642
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	11
Other Materials:	GRAVEL
Other Materials:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	10
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: Casing No: Comment: Alt Name: 10596215 1

Elevation:	
Elevrc:	
Zone:	18
East83:	
North83:	
Org CS:	
UTMRC:	9
UTMRC Desc:	unknown UTM
Location Method:	na

## Construction Record - Casing

Casing ID: Layer: Material:	930083446 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To: Casing Diameter:	62 6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Construction Record - Casing

Casing ID: Layer:	930083445 1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## **Results of Well Yield Testing**

Pump Test ID:	991525910
Pump Set At:	0
Static Level:	8
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	15
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

### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934105686
Test Duration:	15
Test Level: Test Level UOM:	40 ft

## Draw Down & Recovery

Pump Test Detail ID:	934650264
Test Type:	
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID: Test Type:	934907461	
Test Duration:	60	
		0       00000000000

Test Level:	40
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934389320
Test Type:	
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

#### Water Details

Water ID:	933485044
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933485043
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

## <u>Site:</u>

lot 6 ON

Well ID: 1535511 Data Entry Status: **Construction Date:** Data Src: 5/28/2005 Primary Water Use: Date Received: Sec. Water Use: Selected Flag: Yes Final Well Status: Abandonment Rec: Water Type: Contractor: 6907 Casing Material: Form Version: 3 Z17640 Audit No: Owner: Tag: Street Name: Construction Method: County: OTTAWA-CARLETON Elevation (m): Municipality: 15000 Elevation Reliability: Site Info: 006 Depth to Bedrock: Lot: Well Depth: Concession: Overburden/Bedrock: Concession Name: Easting NAD83: Pump Rate: Static Water Level: Northing NAD83: Flowing (Y/N): Zone: Flow Rate: UTM Reliability: Clear/Cloudy:

## Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	11316050	Elevation: Elevrc: Zone:
Code OB:	_	East83:
Code OB Desc:	No formation data	North83:
Open Hole:		Org CS:
Cluster Kind:		UTMRC:
Date Completed:	4/11/2005	UTMRC Desc:
Remarks:		Location Method: na
Elevrc Desc: Location Source Date:		

Database: WWIS

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	В
Method Construction:	Other Method
Other Method Construction:	

#### Pipe Information

Pipe ID: Casing No: Comment: Alt Name:

## 11330905 1

1525617

Domestic

108228

Cooling And A/C

Water Supply

Site:

#### lot 6 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: 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): Flow Rate: Clear/Cloudy:

## Bore Hole Information

Bore Hole ID: DP2BR:	10047352 10	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/22/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date Improvement Location			

Data Entry Status:

Abandonment Rec:

Date Received:

Selected Flag:

Form Version:

Municipality:

Concession:

Concession Name: Easting NAD83:

Northing NAD83:

UTM Reliability:

Contractor:

Owner: Street Name:

County:

Site Info:

Lot:

Zone:

1

Yes

4879

1

006

9/12/1991

**OTTAWA-CARLETON** 

MARCH TOWNSHIP

Data Src:

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Formation ID:

77

931061806

Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	2 6 BROWN 28 SAND 02 TOPSOIL 1 2 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931061805 1 8 BLACK 02 TOPSOIL
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 1 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931061808 4 8 BLACK 11 GRAVEL
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	8 10 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931061809 5 2 GREY 15 LIMESTONE 71 FRACTURED
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	10 12 ft

## Overburden and Bedrock Materials Interval

Formation ID:	931061810
Layer:	6
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	12
Formation End Depth:	148
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931061807 3 6 BROWN 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth:	2 8
Formation End Depth UOM:	ft

## Annular Space/Abandonment Sealing Record

<b>5</b> / /5	000444000
Plug ID:	933111336
Layer:	1
Plug From:	0
Plug To:	20
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:	10595922
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930082886
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	148
Casing Diameter:	6
Casing Diameter UOM:	inch

## Casing Depth UOM:

ft

#### **Construction Record - Casing**

Casing ID: Layer: Material:	930082885 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM: Casing Depth UOM:	inch ft

## Results of Well Yield Testing

Pump Test ID:	991525617
Pump Set At: Static Level:	69
Final Level After Pumping:	147
Recommended Pump Depth:	135
Pumping Rate:	10
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:	Ν

## Draw Down & Recovery

Pump Test Detail ID:	934104576
Test Type:	Recovery
Test Duration:	15
Test Level:	75
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906371
Test Type:	Recovery
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID: 934649	9191
Test Type: Recover	ery
Test Duration: 45	
Test Level: 71	
Test Level UOM: ft	

## Draw Down & Recovery

Pump Test Detail ID:	934388234
Test Type:	Recovery
Test Duration:	30
Test Level:	72
Test Level UOM:	ft

#### Water Details

Water ID:	933484662
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	89
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933484661
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

## Site:

lot 6 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: 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): Flow Rate:

Domestic Water Supply

1525286

68492

#### Bore Hole Information

Clear/Cloudy:

10047026 Bore Hole ID: DP2BR: 5 Elevrc: Spatial Status: Zone: 18 . Code OB: East83: r Code OB Desc: Bedrock North83: **Open Hole:** Org CS: Cluster Kind: UTMRC: 9 9/18/1990 Date Completed: UTMRC Desc: Remarks: Location Method: na Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method:

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: 931060687 Layer: 1 Color: 2

81

Data Entry Status:	
Data Src:	1
Date Received:	1/16/1991
Selected Flag:	Yes
Abandonment Rec:	
Contractor:	3644
Form Version:	1
Owner:	
Street Name:	
County:	OTTAWA-CARLETON
Municipality:	MARCH TOWNSHIP
Site Info:	
Lot:	006
Concession:	
Concession Name:	
Easting NAD83:	
Northing NAD83:	
Zone:	
UTM Reliability:	

Elevation: unknown UTM

Order No: 20200610238

General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	GREY 05 CLAY 12 STONES 0 5 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931060688 2 8 BLACK 21 GRANITE
Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	5 285 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10595596 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From:	930082326 1
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	22 6 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter:	930082327 2 4 OPEN HOLE 285 6
Casing Diameter UOM: Casing Depth UOM:	inch ft

#### Results of Well Yield Testing

Pump Test ID: Pump Set At:	991525286
Static Level:	40
Final Level After Pumping:	250
Recommended Pump Depth:	250
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	10
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934387104
Test Type:	
Test Duration:	30
Test Level:	250
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934905248
Test Type:	
Test Duration:	60
Test Level:	250
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934648068
Test Type:	
Test Duration:	45
Test Level:	250
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934111700
Test Type:	
Test Duration:	15
Test Level:	250
Test Level UOM:	ft

## Water Details

Water ID:	933484238
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	280
Water Found Depth UOM:	ft

## Site:

lot 7 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: 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): Flow Rate: Clear/Cloudy:

1524618

Test Hole

84331

Cooling And A/C

#### **Bore Hole Information**

#### - ----

10046366 Bore Hole ID: DP2BR: 12 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 6/13/1990 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	931058527
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	85
Other Materials:	SOFT
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	12 21 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058526
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	08
Other Materials:	FINE SAND

Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

1 6/21/1990 Yes 5222

OTTAWA-CARLETON OTTAWA CITY

007

1

Elevation: Elevrc: Zone: 18 East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: na

Order No: 20200610238

#### Mat3:

Other Materials:	
Formation Top Depth:	6
Formation End Depth:	12
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058525
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Other Materials:	LOOSE
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 6 ft

#### Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

#### Pipe Information

Pipe ID:	10594936
Casing No:	1
Comment:	
Alt Name:	

#### **Construction Record - Casing**

Casing ID:	930081182	
Layer:	1	
Material:	1	
Open Hole or Material:	STEEL	
Depth From:		
Depth To:	10	
Casing Diameter:	6	
Casing Diameter UOM:	inch	
Casing Depth UOM:	ft	

Site:

lot 6 ON				Da
Well ID:	1526923	Data Entry Status:		
Construction Date:		Data Src:	1	
Primary Water Use:	Domestic	Date Received:	12/20/1992	
Sec. Water Use:		Selected Flag:	Yes	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	3323	
Casing Material:		Form Version:	1	
Audit No:	126362	Owner:		
Tag:		Street Name:		
Construction Method:		County:	OTTAWA-CARLETON	
Elevation (m):		Municipality:	MARCH TOWNSHIP	
Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:	006	

85

Order No: 20200610238

Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### Bore Hole Information

10048611 Bore Hole ID: DP2BR: 42 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: 6/4/1991 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931065557 2 2 GREY 21 GRANITE
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	42 150 ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931065556
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	81
Other Materials:	SANDY
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 42 ft

#### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

933112060
1
5

86

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

Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

Plug To: Plug Depth UOM:	44 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10597181 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930085077 1 1 STEEL 44 6 inch ft
<u>Results of Well Yield Testing</u>	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	991526923 12 120 130 10 10 ft GPM 1 CLEAR 1 1 N
Draw Down & Recovery	
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934109083 Recovery 15 12 ft
Draw Down & Recovery	
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934392717 Recovery 30 12 ft

#### Draw Down & Recovery

Pump Test Detail ID:	934653647
Test Type:	Recovery
Test Duration:	45
Test Level:	12
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934910839
Test Type:	Recovery
Test Duration:	60
Test Level:	12
Test Level UOM:	ft

## Water Details

Water ID:	933486392
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145
Water Found Depth UOM:	ft

#### Site:

lot 6 ON

Well ID: Construction Date:	1527317	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/11/1993
Sec. Water Use: Final Well Status:	Weter Supply	Selected Flag: Abandonment Rec:	Yes
Water Type:	Water Supply	Abandonment Rec: Contractor:	3323
Casing Material:		Form Version:	1
Audit No:	126443	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10048980 o Overburden	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:		UTMRC:	9
Date Completed: Remarks:	6/4/1991	UTMRC Desc: Location Method:	unknown UTM na
Elevrc Desc: Location Source Date Improvement Locatio Improvement Locatio	n Source:		

88

Source Revision Comment: Supplier Comment:

Order No: 20200610238

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials:	931066347 3 2 GREY 12 STONES
Mat3:	
Other Materials:	
Formation Top Depth:	41
Formation End Depth:	150
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931066345 1 3 BLUE 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 39 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931066346 2 6 BROWN 11 GRAVEL
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	39 41 ft

## Annular Space/Abandonment Sealing Record

Plug ID:	933112375
Layer:	1
Plug From:	44
Plug To:	6
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID: Method Construction Code:

89

## Pipe Information

Pipe ID:	10597550
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material:	930085522 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	44
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID:	991527317
Pump Set At: Static Level:	18
Final Level After Pumping:	150
Recommended Pump Depth:	
Pumping Rate:	5
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:	934384986
Test Type:	Recovery
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934654311
Test Type:	Recovery
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934903104
Test Type:	Recovery
Test Duration:	60
Test Level:	18
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934110167
Test Type:	Recovery
Test Duration:	15
Test Level:	100
Test Level UOM:	ft

#### Water Details

Water ID:	933486755
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145
Water Found Depth UOM:	ft

## Site:

Vell ID:	1500388	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/26/1948
ec. Water Use:	0	Selected Flag:	Yes
inal Well Status:	Water Supply	Abandonment Rec:	
Vater Type:		Contractor:	1107
asing Material:		Form Version:	1
udit No:		Owner:	
ag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
levation (m):		Municipality:	OTTAWA CITY (GLOUCESTER)
levation Reliability:		Site Info:	
epth to Bedrock:		Lot:	006
Vell Depth:		Concession:	
verburden/Bedrock:		Concession Name:	JG
ump Rate:		Easting NAD83:	
tatic Water Level:		Northing NAD83:	
lowing (Y/N):		Zone:	
low Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID: DP2BR:	10022433 25	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/14/1947	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Floring Deces			

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

#### **Overburden and Bedrock** Materials Interval

Formation ID: Layer: Color: General Color: 930989142 3

91

Database:

Mat1: Most Common Material: Mat2: Other Materials:	11 GRAVEL
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	20 25 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color:	930989141 2
General Color: Mat1: Most Common Material:	05 CLAY
Materials: Mat2: Other Materials: Mat3:	
<i>Formation End Depth:</i> <i>Formation Top Depth:</i> <i>Formation End Depth:</i> <i>Formation End Depth UOM:</i>	3 20 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color:	930989140 1
General Color: Mat1: Most Common Material:	02 TOPSOIL
Mat2: Other Materials: Mat3:	
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 3 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color:	930989143 4
General Color: Mat1: Most Common Material: Mat2:	26 ROCK
Matz: Other Materials: Mat3: Other Materials:	
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	25 59 ft
<u>Method of Construction &amp; Well</u> Use	

<u>Use</u>

Method Construction ID: Method Construction Code:

## Pipe Information

Pipe ID:	10571003
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From:	930037801 2 4 OPEN HOLE
Depth To:	59
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Construction Record - Casing

Casing ID:	930037800
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	25
Depth To:	25
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID:	991500388
Pump Set At: Static Level:	1
Final Level After Pumping:	1
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

#### Water Details

Water ID:	933452905
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	59
Water Found Depth UOM:	ft

## <u>Site:</u>

lot 7 ON

Well ID:	1519895	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/18/1985
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	5222
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:	007
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: DP2BR:	10041748 6	Elevation: Elevrc:	
Spatial Status:	0	Zone:	18
Code OB:	у	East83:	
Code OB Desc:	Unknown type (bedrock encountered)	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	9/2/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc: Location Source Date:			

#### Overburden and Bedrock Materials Interval

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931043078
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931043081
Layer:	4
Color:	
General Color:	
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	
Other Materials:	

#### Mat3:

Other Materials:	
Formation Top Depth:	20
Formation End Depth:	76
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931043079 2 6 BROWN 18 SANDSTONE 73 HARD
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	6 13 ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1:	931043080 3 1 WHITE 18
Matt: Most Common Material: Mat2: Other Materials: Mat3:	SANDSTONE 73 HARD
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	13 20 ft

## Annular Space/Abandonment Sealing Record

Plug ID:	933108937
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:
 10590318

 Casing No:
 1

 Comment:
 Alt Name:

#### Construction Record - Casing

Casing ID:	930072888
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

#### Construction Record - Casing

Casing ID:	930072889
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	76
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991519895
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	75
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:	1
Pumping Duration MIN:	0
Flowing:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934376153
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934654343
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934109769
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934895240
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

#### Water Details

Water ID:	933476997
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	66
Water Found Depth UOM:	ft

#### Water Details

933476995
1
1
FRESH
46
ft

#### Water Details

Water ID:	933476996
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933476998
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft

#### <u>Site:</u>

lot 6 ON

#### Database: WWIS

Well ID: Construction Date:	1520594	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Data Sic. Date Received:	7/21/1986
Sec. Water Use:	Domootio	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	5222
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:	006
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	

#### Bore Hole Information

Bore Hole ID: DP2BR:	10042436 21
Spatial Status:	
Code OB:	r
Code OB Desc:	Bedrock
Open Hole:	
Cluster Kind:	
Date Completed:	6/20/1986
Remarks:	
Elevrc Desc:	
Location Source Date	:
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

# Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

UTM Reliability:

### Overburden and Bedrock Materials Interval

Formation ID:	931045256
Layer:	5
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	21
Other Materials:	GRANITE
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	45
Formation End Depth:	58
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931045258
Layer:	7
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	46
Other Materials:	QUARTZ
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	70
Formation End Depth:	105
Formation End Depth UOM:	ft
Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth:	QUARTZ 73 HARD 70 105

#### Overburden and Bedrock Materials Interval

Formation ID:	931045255
Layer:	4
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	73
Other Materials:	HARD

#### Mat3:

Other Materials:	
Formation Top Depth:	21
Formation End Depth:	45
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials:	931045257 6 2 GREY 21 GRANITE 73 HARD
Other Materials: Mat3:	HARD
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	70
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931045252
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Other Materials:	DENSE
Mat3: Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color:	931045253 2 2 GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	00
Other Materials:	UNKNOWN TYPE
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	18
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931045254
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN

Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	21
Formation End Depth UOM:	ft

# <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933109165
Layer:	1
Plug From:	0
Plug To:	22
Plug Depth UOM:	ft

## Method of Construction & Well Use

Method Construction ID:	F
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591006
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID: Layer: Material:	930074068 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	105
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material:	930074067 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991520594
Pump Set At:	
Static Level:	4
Final Level After Pumping:	95
Recommended Pump Depth:	95
Pumping Rate:	8
Flowing Rate:	

А	0	5	
	0	()	

Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934906149
Test Type:	Draw Down
Test Duration:	60
Test Level:	95
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387344
Test Type:	Draw Down
Test Duration:	30
Test Level:	95
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934648367
Test Type:	Draw Down
Test Duration:	45
Test Level:	95
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934112481
Test Type:	Draw Down
Test Duration:	15
Test Level:	95
Test Level UOM:	ft

#### Water Details

Water ID:	933477881
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	93
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933477880
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft
······································	

#### Site:

lot 7 ON

Data Entry Status:

Well ID:

Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: 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): Flow Rate: Clear/Cloudy:

Domestic

56269

Water Supply

#### **Bore Hole Information**

#### \_\_\_\_

Bore Hole ID: 10045909 DP2BR: 8 Spatial Status: Code OB: Code OB Desc: Bedrock **Open Hole: Cluster Kind:** Date Completed: 8/22/1989 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931056968
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	63
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931056967
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	

102

Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: **Concession Name:** Easting NAD83: Northing NAD83: Zone: UTM Reliability:

1 1/26/1990 Yes

3644 1

#### OTTAWA-CARLETON MARCH TOWNSHIP

007

Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 8 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10594479 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930080371 1 1 STEEL 22 6 inch ft
Construction Record - Casing	

#### Construction Record - Casing

Casing ID: Layer: Material:	930080372 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID: Pump Set At:	991524137
Static Level:	10
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934107718
Test Type:	
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934391947
Test Type:	
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934652497
Test Type:	
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934910117
Test Type:	
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

#### Water Details

Water ID:	933482680
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	56
Water Found Depth UOM:	ft

#### Site:

lot 6 ON

Well ID:	1533889	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/9/2003
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	6006
Casing Material:		Form Version:	1
Audit No:	263120	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
		•	

#### Bore Hole Information

Clear/Cloudy:

Database: WWIS Bore Hole ID: 10543004 DP2BR: 0 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** . Cluster Kind: Date Completed: 4/10/2003 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	932924516
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1:	932924517 2 GREY 18
Most Common Material: Mat2:	SANDSTONE 73
Malz. Other Materials:	HARD
Mat3:	HARD
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	150
Formation End Depth UOM:	ft

#### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933240788
Layer:	1
Plug From:	0
Plug To:	27
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:Method Construction Code:4Method Construction:Rotary (Air)Other Method Construction:

Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na

#### Pipe Information

Pipe ID:	11091574
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930097805
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From: Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From:	930097806 2 4 OPEN HOLE
Depth To: Casing Diameter:	6 inch
Casing Diameter UOM: Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991533889
Pump Set At: Static Level:	16
Final Level After Pumping:	130
Recommended Pump Depth:	130
Pumping Rate:	12
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

#### Draw Down & Recovery

Pump Test Detail ID:	934656598
Test Type:	Draw Down
Test Duration:	45
Test Level:	130
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934396638
Test Type:	Draw Down
Test Duration:	30
Test Level:	130

#### Test Level UOM:

ft

#### Draw Down & Recovery

Pump Test Detail ID:	934914045
Test Type:	Draw Down
Test Duration:	60
Test Level:	130
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934113024
Test Type:	Draw Down
Test Duration:	15
Test Level:	130
Test Level UOM:	ft

#### Water Details

Water ID:	934036708
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	127
Water Found Depth UOM:	ft

#### Water Details

Water ID:	934036707	
Layer:	1	
Kind Code:	1	
Kind:	FRESH	
Water Found Depth:	80	
Water Found Depth UOM:	ft	
•		

#### Site:

lot 7 ON Well ID: 1533265 Data Entry Status: Construction Date: Data Src: 1 Primary Water Use: Domestic Date Received: 10/11/2002 Sec. Water Use: Selected Flag: Yes Final Well Status: Water Supply Abandonment Rec: Contractor: 3323 Water Type: Casing Material: Form Version: 1 248488 Audit No: Owner: Street Name: Tag: Construction Method: County: OTTAWA-CARLETON MARCH TOWNSHIP Municipality: Elevation (m): Elevation Reliability: Site Info: Lot: 007 Depth to Bedrock: Well Depth: Concession: Overburden/Bedrock: Concession Name: Easting NAD83: Pump Rate: Static Water Level: Northing NAD83: Flowing (Y/N): Zone: UTM Reliability: Flow Rate: Clear/Cloudy:

#### Bore Hole Information

Bore Hole ID: DP2BR:	10530012 5	Elevation: Elevrc:		
Spatial Status:		Zone:	18	

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Database:

**WWIS** 

Code OB:rCode OB Desc:BedrockOpen Hole:Cluster Kind:Cluster Kind:9/26/2002Remarks:9/26/2002Elevrc Desc:Location Source Date:Location Source Date:Improvement Location Source:Improvement Location Method:Source Revision Comment:Supplier Comment:Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	932880613 1 2 GREY 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 5 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials:	932880614 2 2 GREY 18 SANDSTONE
Formation Top Depth:	5
Formation End Depth:	60
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	932880615 3 8 BLACK 21 GRANITE
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	60 80 ft

#### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unku Location Method: na

9 unknown UTM na

Plug ID:	933230332
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:	11078582
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930096578
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:	991533265
Pump Set At:	
Static Level:	20
Final Level After Pumping:	80
Recommended Pump Depth:	40
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	20
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934394469
Test Type:	Recovery
Test Duration:	30
Test Level:	22
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934911319
Test Type:	Recovery

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Test Duration:	60
Test Level:	20
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934663751
Test Type:	Recovery
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934119617
Test Type:	Recovery
Test Duration:	15
Test Level:	28
Test Level UOM:	ft

#### Water Details

Water ID:	934022683
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft

#### Water Details

Water ID:	934022684
Layer: Kind Code:	2 1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

#### Site:

lot 6 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material:	1532010 Domestic Water Supply	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 6/25/2001 Yes 3323 1
Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:	223506	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON MARCH TOWNSHIP 006

#### Bore Hole Information

Bore Hole II	<b>D:</b> 10053543	Elevation:	
110	erisinfo.com   Environmental R	isk Information Services	Order No: 20200610238

Database: WWIS

DP2BR: 4 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 6/13/2001 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931080183 1 2 GREY 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 4 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931080184 2 GREY 18 SANDSTONE
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	4 60 ft

#### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933117137
Layer:	1
Plug From:	0
Plug To:	22
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:

5 Air Percussion Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na

#### Pipe Information

Pipe ID:	10602113
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930093910
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:	991532010
Pump Set At: Static Level:	7
Final Level After Pumping:	60
Recommended Pump Depth:	40
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	20
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934398244
Test Type:	Recovery
Test Duration:	30
Test Level:	15
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934115184
Test Type:	Recovery
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

#### Draw Down & Recovery

934659320
Recovery
45
7
ft

#### Draw Down & Recovery

Pump Test	Detail ID: 934916625	
112	erisinfo.com   Environmental Risk Information Services	Order No: 20200610238

Test Type:	
Test Duration:	
Test Level:	
Test Level UOM:	

#### Water Details

Water ID:	933492690
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	55
Water Found Depth UOM:	ft

Recovery 60 7 ft

#### Site:

lot 6 ON

Well ID:	1528730	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/21/1995
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3323
Casing Material:		Form Version:	1
Audit No:	153018	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
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:	10050266	Elevation:	
DP2BR:	3	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/14/1995	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

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

Formation ID:	931070615
Layer:	3
Color:	7
General Color:	RED
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Other Materials:	

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Database: WWIS

#### Mat3:

Other Materials:	
Formation Top Depth:	60
Formation End Depth:	100
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931070614
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	60
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931070613
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	01
Other Materials:	FILL
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 3 ft

#### Annular Space/Abandonment Sealing Record

Plug ID: Layer: Plug From:	933113670 1 7
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:	10598836
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930087845
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991528730
Pump Set At:	
Static Level:	6
Final Level After Pumping:	100
Recommended Pump Depth:	85
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	8
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934105225
Test Type:	Recovery
Test Duration:	15
Test Level:	35
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934388851
Test Type:	Recovery
Test Duration:	30
Test Level:	21
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934649368
Test Type:	Recovery
Test Duration:	45
Test Level:	11
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906550
Test Type:	Recovery
Test Duration:	60
Test Level:	6
Test Level UOM:	ft

#### Water Details

Water ID:	933488551	
115	erisinfo.com   Environmental Risk Information Services	Order No: 20200610238

Layer:	3
Kind Code:	5
Kind:	Not stated
Water Found Depth:	95
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933488549
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933488550
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

#### Site:

lot 6 ON

Well ID:	1528581	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/23/1995
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	153255	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
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: DP2BR:	10050117 4	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	6/26/1995	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			

Improvement Location Method: Source Revision Comment: Supplier Comment:

Location Source Date: Improvement Location Source: Database: WWIS

#### Overburden and Bedrock Materials Interval

<u>Materials Interval</u>	
Formation ID:	931070095
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2: Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Formation ID:	931070096
Layer:	2 2
Color: General Color:	2 GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials: Formation Top Depth:	4
Formation For Depth:	4
Formation End Depth UOM:	ft
•	
<u>Annular Space/Abandonment</u> Sealing Record	
Sealing Record	033113401
<u>Sealing Record</u> Plug ID:	933113491 1
<u>Sealing Record</u> Plug ID: Layer:	
<u>Sealing Record</u> Plug ID: Layer: Plug From: Plug To:	1
<u>Sealing Record</u> Plug ID: Layer: Plug From:	1 2
<u>Sealing Record</u> Plug ID: Layer: Plug From: Plug To:	1 2 24
<u>Sealing Record</u> Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u>	1 2 24
<u>Sealing Record</u> Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1 2 24
<u>Sealing Record</u> Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u>	1 2 24
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u>	1 2 24 ft
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction:	1 2 24 ft
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction Code:	1 2 24 ft
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction:	1 2 24 ft
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction:	1 2 24 ft
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information	1 2 24 ft 5 Air Percussion
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No:	1 2 24 ft 5 Air Percussion
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u> Method Construction ID: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name:	1 2 24 ft 5 Air Percussion 10598687
Sealing Record Plug ID: Layer: Plug From: Plug From: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing Casing ID: Layer:	1 2 24 ft 5 Air Percussion 10598687 1 930087601 2
Sealing RecordPlug ID:Layer:Plug From:Plug To:Plug Depth UOM:Method of Construction & WellUseMethod Construction ID:Method Construction Code:Method Construction:Other Method Construction:Pipe InformationPipe ID:Casing No:Construction Record - CasingCasing ID:	1 2 24 ft 5 Air Percussion 10598687 1 930087601

Open Hole or Material:OPDepth From:Depth To:22

Casing Diameter:	9
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material:	930087600 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	24
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID:	930087602
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	42
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991528581
Pump Set At:	16
Static Level:	16
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	18
Flowing Rate:	
Recommended Pump Rate:	18
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:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934388365
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934104740
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906485
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934649303
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

#### Water Details

Water ID:	933488321
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	31
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933488322
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	32
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933488323
Layer:	3
Kind Code:	5
Kind:	Not stated
Water Found Depth:	35
Water Found Depth UOM:	ft

#### <u>Site:</u>

lot 6 ON

Well ID: Construction Date:	1527853	Data Entry Status: Data Src:	1
Primary Water Use: Sec. Water Use:	Domestic	Date Received: Selected Flag:	4/5/1994 Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	5222
Casing Material:	440540	Form Version:	1
Audit No: Tag:	110546	Owner: Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N): Flow Rate:		Zone:	
Clear/Cloudy:		UTM Reliability:	

Database: WWIS

#### **Bore Hole Information**

Bore Hole ID: 10049436 DP2BR: 4 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: 6/16/1993 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931067894
Layer:	3
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	20
Other Materials:	QUARTZITE
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	47
Formation End Depth:	75
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color:	931067892 1
General Color:	
Mat1:	01
Most Common Material:	FILL
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931067893 2 2 GREY 21 GRANITE 73 HARD
Other Materials: Formation Top Depth: Formation End Depth:	4 47

Elevation: Elevrc: Zone: East83: North83: Org CS:	18
UTMRC:	9
UTMRC Desc:	unknown UTM
Location Method:	na

Formation End Depth UOM:	ft
<u>Annular Space/Abandonment</u> Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933112764 1 0 20 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10598006 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930086368 2 4 OPEN HOLE 75 6 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930086367 1 1 STEEL 22 6 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At:	991527853

Pump Test ID:	991527853
Pump Set At:	
Static Level:	1
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	18
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:	2
Pumping Duration MIN:	0
Flowing:	Ν

#### Water Details

Water ID:	933487411
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	67
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933487410
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	51
Water Found Depth UOM:	ft

### Order No: 20200610238

## 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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. 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\*

Provincial Aggregate Inventory: AGR The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2019

Abandoned Mine Information System: 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:

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:

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

Government Publication Date: 1999-Jan 31, 2020

Borehole: 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

123

Provincial

Provincial

ANDR

AST

Provincial

BORE

Private

Private

Provincial

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Certificates of Approval:

#### 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.

Chemical Register:

Dry Cleaning Facilities:

Government Publication Date: 1985-Oct 30, 2011\*

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: CFOT Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

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).

diesel tanks. Records are not verified for accuracy or completeness.

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.).

**Compressed Natural Gas Stations:** 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

Government Publication Date: Dec 2012 - Feb 2020

#### Inventory of Coal Gasification Plants and Coal Tar Sites:

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

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:** CONV

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

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.

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) -Certificate of Property Use. Government Publication Date: 1994-Apr 30, 2020

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

Government Publication Date: 1886 - Sep 2019

Provincial

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or Government Publication Date: Feb 28, 2017

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or Government Publication Date: 1999-Jan 31, 2020

# Canadian Natural Gas Vehicle Alliance.

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Drill Hole Database:

124

Federal

Private

CNG

Provincial

Private

Provincial

Provincial

Provincial

Provincial

CA

CDRY

CHEM

COAL

CPU

DRI

### Order No: 20200610238

#### 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-May 31, 2020

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

Government Publication Date: 1994-Apr 30, 2020

Environmental Activity and Sector Registry:

#### Environmental Compliance Approval:

#### 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-May 31, 2020

Environmental Effects Monitoring: 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\*

Profile" page.

#### ERIS Historical Searches: ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location,

## Government Publication Date: 1999-Jan 31, 2020

### Environmental Issues Inventory System:

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed. Government Publication Date: 1992-2001\*

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

### Emergency Management Historical Event:

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017. Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1. 2011 - Dec 31. 2019

#### Provincial

EASR

**FCA** 

EHS

FIIS

EMHE

**EPAR** 

#### Provincial

Provincial

Federal

Federal

Private

Provincial

Provincial

List of Expired Fuels Safety Facilities:

outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel

Government Publication Date: Feb 28, 2017

Federal Convictions:

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty. Government Publication Date: 1988-Jun 2007

#### Contaminated Sites on Federal Land:

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern. Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks: 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 2019

#### Federal Identification Registry for Storage Tank Systems (FIRSTS):

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

#### Fuel Storage Tank:

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

#### Fuel Storage Tank - Historic:

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:

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-Jan 31, 2020

Federal

Federal

Federal

Federal

Provincial

Provincial

Provincial



#### Provincial

EXP

**FCON** 

FCS

FRST

FST

**FSTH** 

#### Order No: 20200610238

#### Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

#### Landfill Inventory Management Ontario:

information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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.

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

#### Greenhouse Gas Emissions from Large Facilities:

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:** HINC List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here. Government Publication Date: 2006-June 2009\*

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

Government Publication Date: 1950-Aug 2003\*

Fuel Oil Spills and Leaks:

Mineral Occurrences:

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 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.

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\*

Government Publication Date: 1846-Jan 2020

Federal

GHG

INC

LIMO

**MNR** 

Provincial

Federal

Provincial

Provincial

Provincial

Federal

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#### Non-Compliance Reports:

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, 2018

#### National Defense & Canadian Forces Fuel Tanks:

#### 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

National Defense & Canadian Forces Spills:

prohibited any release of this database. Government Publication Date: Up to May 2001\*

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

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status. Government Publication Date: 2001-Apr 2007\*

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

the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release

Government Publication Date: 2008-Mar 31, 2020

#### National Energy Board Wells:

date.

128

#### Government Publication Date: 1920-Feb 2003\*

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: 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: 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

#### Provincial

Federal The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

Federal

Federal

Federal

Federal

**NDWD** 

NCPL

NDFT

NDSP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by

NEBP

Federal

Federal

Federal

**NPRI** 

NPCB



National Defence & Canadian Forces Waste Disposal Sites:

#### Order No: 20200610238

#### Private The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well

Provincial

OGWE

OOGW

OPCB

PAP

PES

PINC

PRT

PTTW

Provincial

Provincial

Private

Federal

ORD

PCFT

Provincial

Provincial

Provincial

Provincial

Pesticide Register:

**Pipeline Incidents:** 

Authority (TSSA).

Permit to Take Water:

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

Government Publication Date: 1994-Apr 30, 2020

## Ontario Oil and Gas Wells:

Government Publication Date: 1988-Feb 29, 2020

is updated on a monthly basis. More information is available at www.nickles.com.

geology/stratigraphy table information, plus all water table information is also provide for each well record.

Oil and Gas Wells:

## Inventory of PCB Storage Sites:

Government Publication Date: 1800-Jun 2019

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

information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database

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

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Apr 30, 2020

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

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\*

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides. Government Publication Date: 1988 - May 2020

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an

Private and Retail Fuel Storage Tanks:

Government Publication Date: 1989-1996\*

# The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation

Orders:

Canadian Pulp and Paper:

Parks Canada Fuel Storage Tanks:

#### historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: Feb 28, 2017

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

erisinfo.com | Environmental Risk Information Services

#### Ontario Regulation 347 Waste Receivers Summary:

## 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: 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).

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,

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020

#### Retail Fuel Storage Tanks:

or propane storage tanks.

Ontario Spills:

#### Scott's Manufacturing Directory:

Government Publication Date: 1999-Jan 31, 2020

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\*

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-Nov 2019

Wastewater Discharger Registration Database: 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).

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\*

Anderson's Storage Tanks:

Government Publication Date: 1990-Dec 31, 2017

#### Transport Canada Fuel Storage Tanks:

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

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Provincial

Provincial

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

Private

Provincial

SPL

Provincial

Private

Federal



RSC

RST

SCT

TANK

TCFT

## erisinfo.com | Environmental Risk Information Services

Government Publication Date: Feb 28, 2017

#### Waste Disposal Sites - MOE CA Inventory:

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

Government Publication Date: Oct 2011-May 31, 2020

#### Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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

Government Publication Date: Up to Oct 1990\*

### Water Well Information System:

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

Provincial

**WDSH** 

VAR

WDS

Provincial **WWIS** 

131

### Variances for Abandonment of Underground Storage Tanks:

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered 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.

Provincial

Provincial

## Definitions

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

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

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

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

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

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

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

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

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

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

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

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

## Appendix E

# Ministry of Environment, Conservation and Parks – Freedom of Information (FOI) Request



Freedom of Information and Protection of Privacy Office 40 St. Clair Avenue West, 12<sup>th</sup> Floor Toronto ON M4V 1M2 Telephone 416 314-4075

## Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use C	Dnly									
FOI Request Number					Date Request Received (yyyy/mm/dd)					
Fee Paid					Cheque		A/MC		Cash/Money O	rder
	NO NO	R [	SWR	WCR	IEB	EAA	EMR		CB SD	W
1. Requester Data										
Last Name					First Name				Middle Initial	
Lopers					Luke				Α	
Title					Company Na	ame				
Principal					Lopers & A	Associates				
Mailing Address					•					
Unit Number	Street Numb	er	Street Nam						PO Box	
	30		Lansfield	Way						
City/Town	•				Province				Postal Code	
Ottawa					Ontario				K2G 3V8	
Email Address					Telephone N	lumber			Fax Number	
Luke@Lopers.ca					613 327-9	073	ext.			
Project/Reference Nu	mber	Signatu	re of Reques	ter	1/	1			Į	
LOP20-003				In	1 /2					
2. Request Parame	eters									
Municipal Address (	Municipal add	ress mai	ndatory for ci	ties, towns or r	egions)					
Unit Number	Street Numb	er	Street Nam	е					PO Box	
	100		Steacie D	rive						
Lot Number			Concession		Geographic <sup>-</sup>	Township				
City/Town/Village					Province				Postal Code	
Ottawa					Ontario			K2K 2A9		
Present Property										
1. Owner					Date of Ownership (yyyy/mm/dd			/dd)		
3223701 Canada Inc.					2019/11/06					
Tenant (if applica	ble)									
Previous Property										
1. Owner					Date of Ownership (yyyy/mm/dd)				/dd)	
Candev Proper	Candev Properties Inc.					1991/10/21				
Tenant (if applical	ble)						I			

Search Parameters Specify Year(s) Requester					
All					
-					

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

### 4. Environmental Compliance Approvals/Certificates of Approval

- -

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<ul> <li>✓</li> </ul>	
renewable energy	$\checkmark$	
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<	
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<ul> <li>Image: A start of the start of</li></ul>	
waste water - industrial discharge	$\checkmark$	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<	
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<ul> <li>Image: A start of the start of</li></ul>	

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

## Appendix F

# Technical Standards and Safety Authority Correspondence

From:	Public Information Services
To:	Luke Lopers
Subject:	RE: TSSA Records Search Request - Environmental Research
Date:	June 12, 2020 11:31:30 AM

## NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

Hello. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses. For a further search in our archives please complete our release of public information form found at <a href="https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\_mid\_=392">https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\_mid\_=392</a> and email the completed form to <a href="mailto:publicinformationservices@tssa.org">publicinformation.aspx?\_mid\_=392</a> and email the completed form to <a href="mailto:publicinformationservices@tssa.org">publicinformationservices@tssa.org</a> or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever. Kind regards,

Gaya

From: Luke Lopers <Luke@lopers.ca>

Sent: June 12, 2020 11:02 AM

To: Public Information Services < publicinformationservices@tssa.org>

Subject: TSSA Records Search Request - Environmental Research

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

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the City of Ottawa **(formerly Kanata)**, ON:

- 62, 100 Steacie Drive
- 40, 41 Station Road
- 250 Walden Drive
- 365 March Road

Thank you for your time,

Luke Lopers, P.Eng. Principal LOPERS & ASSOCIATES Cell: 613-327-9073 Email: Luke@Lopers.ca 30 Lansfield Way, Ottawa, Ontario K2G 3V8

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have

received this message in error, please notify the sender immediately and delete the original message.

## Appendix G

# City of Ottawa Historic Land Use Inventory (HLUI)



File Number: D06-03-20-0087

June 26, 2020

Luke Lopers 30 Lansfield Way Ottawa, ON *Sent via email* 

Dear Mr. Lopers,

## Re: Information Request 100 Steacie Drive, Ottawa, Ontario ("Subject Property")

## Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

• The subject property is adjacent to 250 Walden, otherwise known as the Kimmins Court Park. The City has environmental records associated with this property.

## Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

• There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

• There are 8 properties with activity numbers within 250 metres of the subject property. Please see the attached table for more information.

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor Ottawa, ON K1P 1J1 Tel: (613) 580-2424 ext. 21690 Fax: (613) 560-6006 www.ottawa.ca Ville d'Ottawa Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage Ottawa (Ontario) K1P 1J1 Tél.: (613) 580-2424 ext. 21690 Téléc: (613) 560-6006 www.ottawa.ca Please note that certain activities may have been identified to have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

## Ontario's Environmental Registry

The Environmental Registry found at <u>http://www.ebr.gov.on.ca/ERS-WEB-External/</u> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

## The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House 161 Elgin Street 4th Floor Ottawa ON K2P 2K1 Tel: (613) 239-1230 Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Seana Turkington at 613-580-2424 ext. 27790 or HLUI@ottawa.ca

Sincerely,

ears / whingto

Seana Turkington

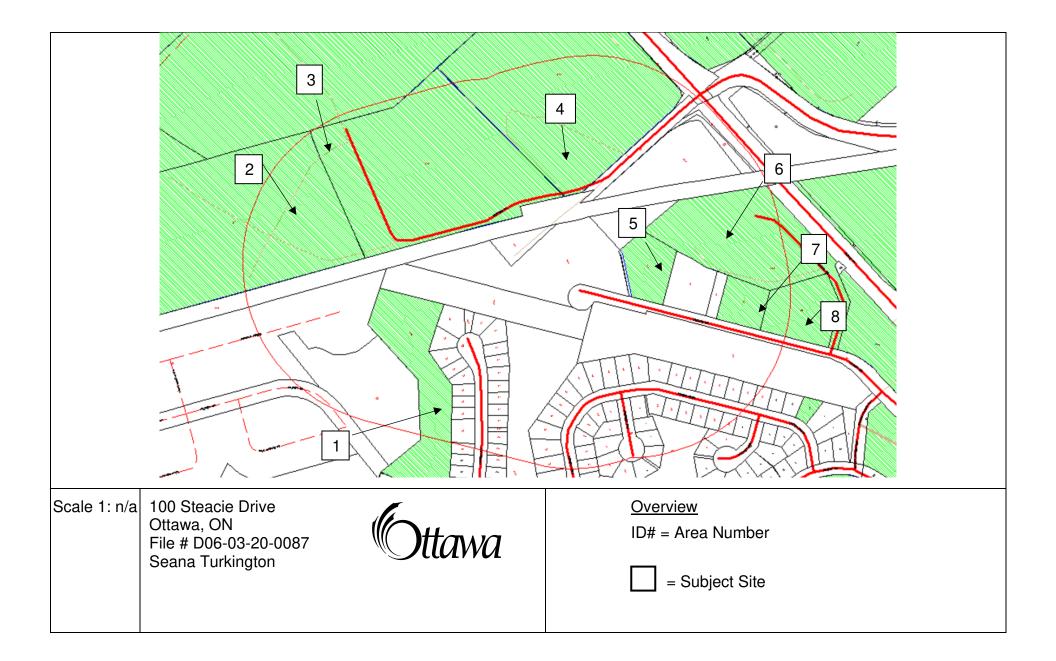
Per:

Michael Boughton, MCIP, RPP Senior Planner Development Review East Planning Services Planning, Infrastructure and Economic Development Department

MB/ ST

Enclosures.

cc: File no. D06-03-20-0087





# Historical Land Use Inventory Adjacent Properties within 250m Area & Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department

Area	Associated HLUI Activities	HLUI Activities with a PIN Certainty of "2" *
Subject	There are no HLUI activities associate	ed with the subject property.
Property		
1	12534	
2	7617	
3	13157, 8891	
4	13157	
5	797, 9642	
6	5003	
7	11543, 3734	
8	15130, 15140, 3733	

\*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.



# Historical Land Use Inventory Area 1 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On: 26 Jun 2020 at: 11:47:46

RPTC\_OT\_DEV0122

Study Year 2005		<b>PIN</b> 045110296	Multi-NAIC N	Multiple Activities
Activity ID:	12534	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity	D(s) :	
Related PINS:	045110296			
Name: Address:		TRICITY BY MARCH SOLAR DRIVE, KANATA		
Facility Type: Comments 1: Comments 2:		Electronic Machinery, Equipme	nt and Supplies, Wholesale	
Generator Number	:			
Storage Tanks:				
HL References 1:				
HL References 2:				
HL References 3:	2001 Employme	nt Survey		
NAICS	SIC			
416120	0			

### **Company Name**

SOLAR ELECTRICITY BY MARCH SOLAR

### Year of Operation

c. 2001



# Historical Land Use Inventory Area 2 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

26 Jun 2020 at: 11:48:30

RPTC\_OT\_DEV0122

Activity ID:7:17Multiple PINS:NPIN Certainty:1revious Activity ID(s):6331Related PINS:045180039	Activities N	Multiple Activ N	;	Multi-NAIC Y		<b>PIN</b> 045180039		tudy Year <sup>998</sup>	<b>Sti</b> 199
Related PINS:       045180039         Name:       KANATA HYDRO-ELECTRIC COMMISSION         Address:       25 STATION ROAD, KANATA         Facility Type:       Electric Power Systems Industry         Comments 1:       PART LOT 7, CONCESSION 3, MARCHWOOD M.S         Comments 2:       ON0646404         Storage Tanks:       1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed. KNBPmap 1996; PID1994         HL References 2:       000 PID         NAICS       SIC         221113       491         221112       0         221113       0         221113       0         221122       0         221122       0         221121       0         221122       491         221121       0         221122       491         221121       0         221122       491         221121       0         221122       491         221121       0         221122       491				N	Multiple PINS:	617 <b>M</b>	761	tivity ID:	Acti
Name:       KANATA HYDRO-ELECTRIC COMMISSION         Address:       25 STATION ROAD, KANATA         Facility Type:       Electric Power Systems Industry         Comments 1:       PART LOT 7, CONCESSION 3, MARCHWOOD M.S         Comments 2:       ON0646404         Storage Tanks:       HL References 1:         HL References 2:       1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed. KNBPmap 1996; PID1994         HL References 2:       2000 PID         NAICS       SIC         221113       491         221112       0         221113       0         221113       0         221112       0         221113       0         221112       0         221113       0         221114       0         221115       0         221112       0         221113       0         221112       0         221112       0         221113       0         221112       0         221112       0         221112       0         221112       0         221113       0				): 6331	Previous Activity ID(s	Pi	1	N Certainty:	PIN
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Comments 2:       ON0646404         Storage Tanks:       1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed. KNBPmap 1996; PID1994         HL References 2:       1922-DMD-TM Ottawa-Sheet#14, 048-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed. KNBPmap 1996; PID1994         HL References 3:       000 PID         VAICS       SiC         221113       491         221112       0         221112       0         221113       491         221121       0         221121 </td <td></td> <td></td> <td></td> <td>V.S</td> <th>-</th> <td></td> <td></td> <td>mments 1:</td> <td>Com</td>				V.S	-			mments 1:	Com
Storage Tanks:       Instantion of the term of				-	,	- ,		mments 2:	Com
Storage Tanks: <ul> <li>HL References 1:</li> <li>h22-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed. KNBPmap 1996; PID1994</li> </ul> HL References 2: <ul> <li>2000 PID</li> </ul> NAICS <li>221113</li> <li>491</li> <li>221112</li> <li>491</li> <li>221112</li> <li>221112</li> <li>221113</li> <li>491</li> <li>221124</li> <li>221124</li> <li>491</li> <li>221124</li> <li>491</li> <li>421124</li> <li>491</li> <li>421124</li> <li>491</li> <li>411</li> <li>411</li> <li>411</li> 12112         1           12113         1           121124         1           121125         1           121124         1           121125         491           121126         491           121110         1           121111         1           121114         1           121119         491						ON0646404	0	nerator Number:	Gen
HL References 2:       2000 PID         NAICS       SIC         221113       491         221112       0         221113       491         221112       0         221113       0         221112       0         221113       0         221114       491         221122       0         221113       0         221114       491         22112       0         221113       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221121       0         221110       0         221111       0         221119       491								orage Tanks:	Stor
HL References 2:       2000 PID         NAICS       SIC         221113       491         221112       0         221111       491         221122       0         22113       0         22114       9         22112       0         22112       0         22112       0         22112       0         22112       0         22112       0         22112       0         22112       491         22112       491         22111       0         22112       491         22111       0         22112       491         22111       0         22111       0         22111       0         22111       0         22111       0         22111       0         22111       10         22111       10		ed.,	R-SMB-NTS-31G/5-7th ed.					References 1:	HL R
NAICS       SIC         221113       491         221112       0         221111       491         221122       0         22113       0         221121       0         221122       491         221121       0         221122       491         221111       0         221119       491				PID1994	-11th ed. KNBPmap 1996; I	1985-EMR-SMB-NTS-31G/5-11t	19	References 2:	HL R
221113       491         221112       0         221111       491         221122       0         22113       0         221121       0         221122       491         221111       0         221121       0         221122       491         221111       0         221119       491						2000 PID	20	References 3:	HL R
221112       0         221122       0         22113       0         221121       0         221122       491         221111       0         221112       491         221113       491         221114       0         221115       491							SIC	NCS SI	NAI
22111149122112202211302211210221122491221111022119491							491	21113 49	221 <sup>.</sup>
221122       0         22113       0         221121       0         221122       491         221111       0         221119       491							0	.1112 0	221
221113       0         221121       0         221122       491         221111       0         221119       491							491	1111 49	221
221121       0         221122       491         221111       0         221119       491							0	.1122 0	221 <sup>-</sup>
221122       491         221111       0         221119       491							0	.1113 0	221 <sup>-</sup>
221111     0       221119     491									
221119 491									
221112 491									
221119 0 221121 491									

### **Company Name**

Company Name	Year of Operation
Unnamed Transformer Station	c. 1967-1985
KANATA HYDRO-ELECTRIC COMMISSION	c. 2000
City of Kanata Hydro Electric Commission	c. 1990-1994
Ontario Hydro Transformer Station	c. 1990



# Historical Land Use Inventory Area 3 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 11:50:29

Activity ID:       13157       Multiple PINS:       Y         PIN Certainty:       1       Previous Activity ID(s):       6598         Related PINS:       045180037         Name:       THERATRONICS INTERNATIONAL LIMITED         Address:       413 MARCH ROAD, KANATA         Facility Type:       Machine Shop Industry         Comments 1:       Comments 2:         Generator Number:       ON1038900         Storage Tanks:       HL References 1:         HL References 2:       HL References 2:         HL References 3:       2000 PID         NAICS       SIC         621510       868         333310       308         333310       308         333310       308         333310       308         333310       308         333310       308         333310       308         3333310       0         3333310       0         3333310       0         3333310       0         3333310       0         3333310       0         3333310       0         3333310       0         33333310       0	Multiple Activities Y	Multiple	Multi-NAIC Y		<b>PIN</b> 045180037			Study Year 2005	
Related PINS:045180037Name:THERATRONICS INTERNATIONAL LIMITEDAddress:413 MARCH ROAD, KANATAFacility Type:Machine Shop IndustryComments 1:Machine Shop IndustryComments 2:0N1038900Storage Tanks:KNBPmap 1996, 1998 KBD; PID1994HL References 1:KNBPmap 1996, 1998 KBD; PID1994HL References 2:2000 PIDNAICSSIC621510868332710308336310308346310348347410348			Y	e PINS:	Multiple P	3157	13	Activity ID:	
Name:THERATRONICS INTERNATIONAL LIMITEDAddress:413 MARCH ROAD, KANATAFacility Type:Machine Shop IndustryComments 1:Comments 2:Comments 2:ON1038900Storage Tanks:NNBPmap 1996, 1998 KBD; PID1994HL References 1:KNBPmap 1996, 1998 KBD; PID1994HL References 3:2000 PIDNAICSSIC6215108683363103083363103083363103083363100336310 <t< td=""><td></td><td></td><td>6598</td><td>is Activity ID(s) :</td><td>Previous /</td><td></td><td>1</td><td>PIN Certainty:</td></t<>			6598	is Activity ID(s) :	Previous /		1	PIN Certainty:	
Address:413 MARCH ROAD, KANATAFacility Type:Machine Shop IndustryComments 1:Machine Shop IndustryComments 2:N1038900Storage Tanks:NIDPmap 1996, 1998 KBD; PID 1994HL References 1:KINBPmap 1996, 1998 KBD; PID 1994KLR References 2:Uoto PIDStorage Tanks:SICStorage Tanks:SICJaga 2:SICStorage Tanks:SICStorage Tanks:SIC </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>045180037</td> <td></td> <td>Related PINS:</td>						045180037		Related PINS:	
Address:413 MARCH ROAD, KANATAFacility Type:Machine Shop IndustryComments 1:Machine Shop IndustryComments 2:N1038900Storage Tanks:N1038900HL References 1:KNBPmap 1996, 1998 KBD; PID 1994HL References 2:V000 PIDNAICSSICSatasian (Satasian)Satasian (Satasian)332710033361003				AL LIMITED	ICS INTERNATIONAL I	THERATRONIC		Name:	
Facility Type:       Machine Shop Industry         Comments 1:          Comments 2:          Storage Tanks:       N1038900         Storage Tanks:          HL References 1:       KNBPmap 1996, 1998 KBD; PID1994         HL References 2:          HL References 3:       000 PID         Sizer 3:          1000 PID          Sizer 3:          1010 PiD          102 PiD          103 Sizer 3:								Address:	
Comments 1:       Comments 2:         Generator Number:       ON1038900         Storage Tanks:       KNBPmap 1996, 1998 KBD; PID1994         HL References 1:       KNBPmap 1996, 1998 KBD; PID1994         HL References 2:       2000 PID         NAICS       SIC         621510       868         332710       308         336310       0         336350       0         333619       0         333619       0         336350       308         336350       0         336350       0         336350       0         336350       0         336350       08         336350       08         336350       08         336350       08								Facility Type:	
Comments 2:       ON1038900         Storage Tanks:       Image: Comments 2:         HL References 1:       KNBPmap 1996, 1998 KBD; PID1994         HL References 2:       2000 PID         NAICS       SIC         621510       868         332710       0         336310       308         332710       0         333619       0         33619       0         336310       0         362190       868					Jindustry	Machine Shop ii			
Storage Tanks:       KNBPmap 1996, 1998 KBD; PID1994         HL References 2:       2000 PID         HL References 3:       2000 PID         SAICS       SIC         621510       868         332710       308         336310       308         336350       0         333619       0         336310       308         336310       0         333619       0         336350       0         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08         336310       08								Comments 2:	
Storage Tanks:       KNBPmap 1996, 1998 KBD; PID1994         HL References 2:       V000 PID         HL References 3:       V000 PID         SAICS       SIC         621510       868         332710       308         336310       308         333619       0         336310						ON1038900	r:	Generator Number	
HL References 2:       2000 PID         NAICS       SIC         621510       868         332710       308         336310       308         336350       0         333619       0         336310       0         336310       0         336310       0         336350       0         336350       0         336350       0         336350       0         336350       0         336350       0         336310       0         336350       08         621990       868								Storage Tanks:	
HL References 3:       2000 PID         NAICS       SIC         621510       868         332710       308         336310       308         332710       0         336350       0         333619       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         336310       0         363210       0         363210       0         363210       0					6, 1998 KBD; PID1994	KNBPmap 1996, 1		HL References 1:	
NAICS         SIC           621510         868           332710         308           336310         308           332710         0           336350         0           333619         0           336310         0           336350         0           3363619         308           336350         0           336350         0           336350         0           336350         0           336350         0           336350         0           336350         308           621990         868								HL References 2:	
621510       868         332710       308         336310       308         332710       0         336350       0         333619       0         336310       0         336350       0         336350       0         336350       88						2000 PID	:	HL References 3:	
3327103083363103083327100336350033361903363100336350308621990868							SIC	NAICS	
3363103083327100336350033361903363100336350308621990868							868	621510	
3327100336350033361903336193083363100336350308621990868							308	332710	
336350033361903336193083363100336350308621990868							308	336310	
33361903336193083363100336350308621990868								332710	
3336193083363100336350308621990868									
336310       0         336350       308         621990       868									
336350     308       621990     868									
621990 868									
Company Name Year of Operation							868	621990	
		ration	Year of Op				e	Company Name	
Theratronics International Ltd. c. 1994-1998			c. 1994-1998			td.	tional Lt	Theratronics Internat	

THERATRONICS INTERNATIONAL LIMITED

Atomic Medical

## c. 2000 c. 1994



Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045180037	Y	Y

Activity ID:	8	891	Multiple PINS:	Y
PIN Certainty:	1		Previous Activity ID(s) :	
Related PINS:		045180037		
Name:		MDS NORDION		
Address:		413 MARCH ROAD, KAN	IATA	
Facility Type:		Machine Shop Industry		
Comments 1:				
Comments 2:				
Generator Number	r:	ON1141701		
Storage Tanks:				
HL References 1:				
HL References 2:				
HL References 3:		2000 PID		
NAICS	SIC			
333619	0			
336350	0			
336310	0			
332710	0			

### **Company Name**

MDS NORDION

### Year of Operation

Report: Run On:

c. 2000

RPTC\_OT\_DEV0122

26 Jun 2020 at: 11:50:29



# Historical Land Use Inventory Area 4 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 11:52:12

Study Year 1998	<b>PI</b> 045	<b>N</b> 5180049	Multi-NAIC Y	Multiple Activities N
Activity ID:	13157	Multiple PINS:	Y	
PIN Certainty:	1	Previous Activity ID(s) :	6598	
Related PINS:	045180037			
Name:	THERATRONICS	S INTERNATIONAL LIMITED		
Address:	413 MARCH RO	AD, KANATA		
Facility Type:	Machine Shop In			
Comments 1:		iadoli y		
Comments 2:				
Generator Numbe	<b>r:</b> ON1038900			
Storage Tanks:				
HL References 1:	KNBPmap 1996, 1	998 KBD; PID1994		
HL References 2:				
HL References 3:	2000 PID			
NAICS	SIC			
621510	868			
332710	308			
336310	308			
332710	0			
336350	0			
333619	0			
333619	308			
336310	0			
336350 621990	308 868			
Company Name			Year of Operation	on
Theratronics Internat	Theratronics International Ltd.			

THERATRONICS INTERNATIONAL LIMITED

Atomic Medical

## c. 2000 c. 1994



# **Historical Land Use Inventory** Area 5 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 11:54:19

<b>St</b> 199	udy Year <sup>98</sup>	<b>PIN</b> 045110005		Multi-NAIC Y	Multiple Activities
Act	ivity ID:	797	Multiple PINS:	Ν	
	I Certainty:	1	Previous Activity ID(s) :	6760	
	ated PINS:	045110005			
Fac Con Con Gen Stor HL I	ne: Iress: ility Type: nments 1: nments 2: nerator Number: rage Tanks: References 1: References 2: References 3:	AMCA INTERNATIONAL I 62 STEACIE DRIVE, KAN Fabricated Structural Meta GEN# = ON0480500, out PID1994	IATA al Products Industries		
NA	ICS SI	C			
332	2311 30	02 02 02			

### **Company Name**

AMCA International Ltd.

### Year of Operation

c. 1994



### **CITY OF OTTAWA**

HLUI ID: \_\_679GO4

AREA (Square Metres): 6601.830

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045110005	Y	Y

Activity ID:	9462	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	6138
Related PINS:	045110005		
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number: Storage Tanks:	OPTOTEK LIMITED 62 STEACIE DRIVE, KA Communication and Othe	NATA er Electronic Equipment Indus	tries
HL References 1: HL References 2: HL References 3:	SC98; 1998 KBD; KNBP Ma 2001 Employment Survey	p 1996	
NAICS	SIC		

334210	335
334410	0
334220	335
334511	335
334410	335

### **Company Name**

Optotek Limited OPTOTEK LIMITED

## Year of Operation

Report:

Run On:

c. 1996-1998

c. 2001

RPTC\_OT\_DEV0122

26 Jun 2020 at: 11:54:19



# Historical Land Use Inventory Area 6 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 11:59:03

Study Year 1998		<b>PIN</b> 045110001	Multi-NAIC Y	Multiple Activities N
Activity ID:	5003	Multiple PINS:	N	
PIN Certainty	: 1	Previous Activity ID(s) :	4580	
Related PINS	. 045110001			
Name:	DRS TEC	HNOLOGIES CANADA COMPANY		
Address:	365 MAR(	CH ROAD, KANATA		
Facility Type:	Communic	cation and Other Electronic Equipment Ind	ustries	
Comments 1:				
Comments 2:				
Generator Nur	mber: ON230480 <sup>-</sup>	I		
Storage Tanks	:			
HL References	s 1: SC98, 1986	KP File LHK, 1998 KBD		
HL References	s 2:			
HL References	s 3: 2000 PID			
NAICS	SIC			
334210	335			
334410	335			
336410	321			
334210	0			
334220	335			
334511	335			
336320	321			
334511	0			

### **Company Name**

Spar Aerospace Ltd.

DRS TECHNOLOGIES CANADA COMPANY

### Year of Operation

- c. 1986-1998
- c. 2000



# **Historical Land Use Inventory** Area 7 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 11:59:58

Study Year 1998	<b>PIN</b> 0451100		Multi-NAIC Y	Multiple Activities
Activity ID:	11543	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :	6137	
Related PINS:	045110003			
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number: Storage Tanks: HL References 1: HL References 2: HL References 3:		KANATA Other Electronic Equipment Indu	ustries	
NAICS	SIC			
334220 334511	335 335 335 335			

### **Company Name**

Reltek Inc.

### Year of Operation

c. 1998



Report: Run On:

RPTC\_OT\_DEV0122

26 Jun 2020 at: 11:59:58

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045110003	Y	Ý

Activity ID:	3734	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	
Related PINS:	045110003		
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number: Storage Tanks: HL References 1: HL References 2:		TEMS INC.	ipplies, Wholesale
HL References 3:	2005 Select Phone		
<b>NAICS</b> 416110	<b>SIC</b> 0		

### **Company Name**

Year of Operation

CONTROL MICROSYSTEMS INC.

c. 2005



# Historical Land Use Inventory Area 8 Activity Numbers

Shaping our future together Ensemble, formons notre avenir City of Ottawa Planning, Infrastructure and Economic Development Department



Run On:

RPTC\_OT\_DEV0122 26 Jun 2020 at: 12:01:15

Study Year 1998	<b>PIN</b> 045110002		Multi-NAIC Y	Multiple Activities
Activity ID:	15130	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :		
Related PINS:	045110002			
Name: Address:	Optical Processing and 0 36 STEACIE DR, KANAT			
Facility Type: Comments 1: Comments 2:	Research in Optical Proc	cessing & Computing		
Generator Number: Storage Tanks:				
HL References 1: HL References 2: HL References 3:	1998 KBD			
	SIC			
-	775			
Company Name			Year of Operation	

Optical Processing and Computing Consortium

### Year of Operation

c. 1998



Study YearPINMulti-NAICMultiple Activities1998045110002YY			Multi-NAIC Y	Multiple Activities Y
---	--	--	-----------------	--------------------------

Activity ID:	15140	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	6680
Related PINS:	045110002		
Name:	SYVA		
Address:	36 STEACIE DR, KANAT	A	
Facility Type:	Manufacurers of Diagnos	tic Equipment	
Comments 1:			
Comments 2:			
Generator Number:			
Storage Tanks:			
HL References 1:	Kanata Industries File LHK Ir	ndustries, KNBP map 1996	
HL References 2:			
HL References 3:			
NAICS SI	с		
0 39	91		
Company Name			Year of Operation
Syva			c. 1985-1996

RPTC\_OT\_DEV0122

26 Jun 2020 at: 12:01:15

Report: Run On:



### **CITY OF OTTAWA**

HLUI ID: \_\_679G1J

AREA (Square Metres): 9615.295

Study Year	<b>PIN</b>	Multi-NAIC	Multiple Activities
1998	045110002	Y	Y

Activity ID:	3733	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	6562
Related PINS:	045110002		
Name:	CONTROL MICROSYSTEMS INC.		
Address:	28 STEACIE DRIVE, KANATA		
Facility Type:	Communication and Other Electronic Equipment Industries		
Comments 1:			
Comments 2:			
Generator Number:			
Storage Tanks:			
HL References 1:	1998 KBD		
HL References 2:			
HL References 3:			

NAICS	SIC
334110	336
417310	574
334220	335
811210	574
416120	574
334210	335
334410	335
416110	574
443120	574
334511	335
417320	574

### **Company Name**

Control Microsystems Inc.

### Year of Operation

c. 1998

RPTC\_OT\_DEV0122

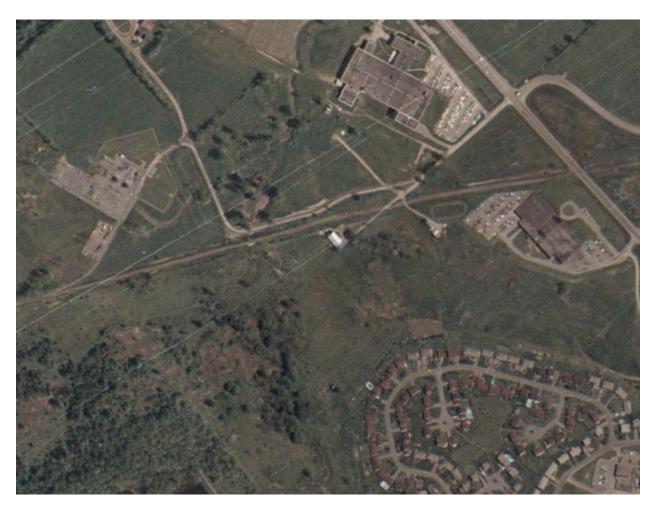
26 Jun 2020 at: 12:01:15

Report:

Run On:

## Appendix H

## **Aerial Photographs**

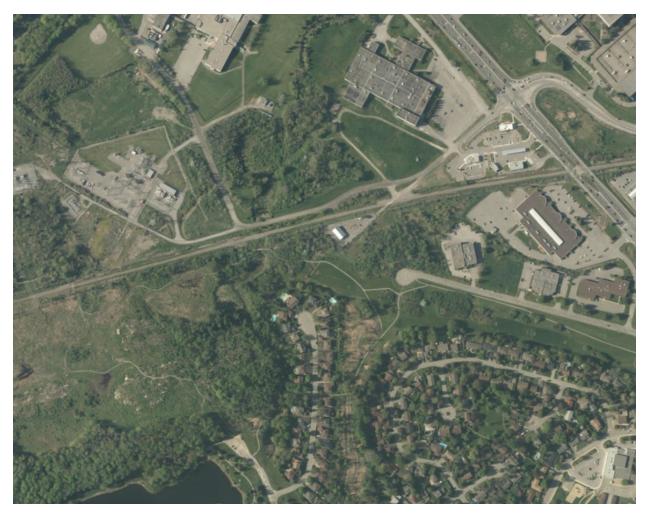




Aerial Photographs



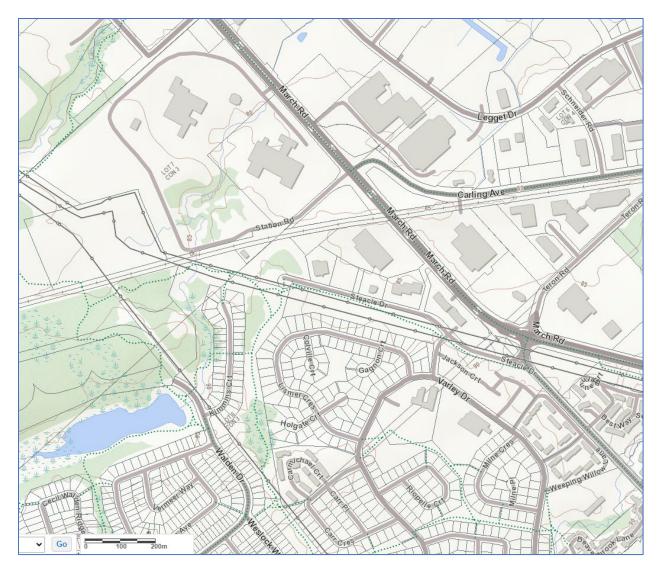




Aerial Photographs

# Appendix I

# Topographic Map



Topographic Map

# Appendix J

# Photographic Log



Photograph 1: View of Phase One Property looking west from Steacie Drive. Vegetated state of the Property.



Photograph 2: View of Phase One Property looking north of the east (south) portion of the Property.

Phase One Property Photographs



Photograph 3: View of the walking path present traversing the central portion of the Phase One Property.



Photograph 4: View of the creek present on the west portion of the Phase One Property.

Phase One Property Photographs



Photograph 5: View of the adjacent industrial storage property and railway line present to the north of the Phase One Property; view is looking west.



Photograph 6: View of west portion of the Phase One Property looking north.

Phase One Property Photographs

# Appendix K

# **Qualifications of Assessors**



# PROFILE

Mr. Lopers is an environmental engineer with over 12 years of experience in environmental engineering specializing in due diligence investigations. Mr. Lopers has extensive experience in Phase I and II Environmental Site Assessments; environmental remediation, and investigations; record of site condition submissions; asset inventory, designated substance surveys and abatement projects; environmental expertise on legal issues; and coordination of various monitoring programs (groundwater, surface water, air).

Mr. Lopers has participated in various Property Condition and Building Envelope mandates at various residential and commercial properties throughout Ontario.

Mr. Lopers has a strong commitment to health and safety, having experience leading a regional health and safety committee as a certified employee representative. Mr. Lopers has extensive training including OSHA 40-hour HAZWOPER, ASP Health and Safety on Construction Sites in Quebec, Ontario Working at Heights, Emergency First Aid/CPR and WHMIS.

## CONTACT

EMAIL: Luke@Lopers.ca

# LUKE LOPERS Principal LOPERS & ASSOCIATES

## **EDUCATION**

University of Waterloo, B.A.Sc., Honours Environmental Engineering Management Science Option Designation - 2002 - 2008

### **PROFESSIONAL EXPERIENCE**

# Lopers & Associates, Principal, Project Manager, Senior Environmental Engineer

Ottawa, Ontario - 2020–Present

Responsible for the management, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals

#### GHD Limited, Project Manager, Senior Environmental Engineer Ottawa, Ontario - 2013–2020

Responsible for the management, senior technical review, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals Office Safety Captain and Joint Health and Safety Committee team leader

#### Paterson Group Inc., Project Manager, Environmental Engineer Ottawa, Ontario - 2009–2013

Responsible for supervision, completion and review for Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Designated Substance Surveys

#### NEXT Environmental Inc., Site Investigation Staff

Burnaby, British Columbia - 2008–2009 Responsible for fieldwork and reporting for Stage/Phase I and II Environmental Site Assessments, Environmental Remediation Programs

## **PROFESSIONAL DESIGNATIONS**

Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO) since 2012

Qualified Person (QP), Environmental Site Assessments with Ontario Ministry of the Environment, Conservation and Parks

### **PROJECT EXPERIENCE**

Environmental Site Assessments

Project Engineer/Manager Phase 1 Environmental Site Assessment | Various Clients | Ontario, Quebec and British Columbia | 2006-2020

Project Engineer/Manager Phase Two Environmental Site Assessments | Various Clients | Various Locations | 2008-2020

Project Manager Phase One, Phase Two Environmental Site Assessments, Environmental Delineation Quality Assurance Program | Costco Wholesale | Ottawa, ON | 2014-2019

### Environmental Remediation Programs

Project Engineer Underground Fuel Storage Tank Removals and Environmental Remediation Programs in Vicinity of Active Underground Services | Ottawa, ON | 2010, 2012 Project Engineer/Manager for Phase I Environmental Site Assessments in support of acquisition/divestiture/regulatory requirements for various properties in Ontario, Quebec and British Columbia, including the following:

- Canadian Tire Retail Store and Gas Bar, CTR 417 2560 Princess Street, Kingston, Ontario
- Former Automotive Dealership and Service Garage, North Vancouver, British Columbia
- Former Philips Cable Plant, Brockville, Ontario
- Former Cornwall Cotton Mill, Cornwall, Ontario
- Retail Fuel Outlet and Automotive Service Garage, Ottawa, Ontario
- Jack Garland Airport Land, North Bay, Ontario
- Various Commercial/Residential Properties, Ontario and British Columbia
- Various Residential Properties, Ontario, Quebec and British Columbia
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Engineer/Manager for the following field investigation and/or regulatory reporting requirements for Phase II ESAs and other Site Investigations:

- Proposed Canadian Tire Development, CTR 693P Terry Fox Drive at Eagleson Road, Stittsville, Ontario
- Former Retail/Private Fuel Outlets, Ottawa/North Bay/Vancouver, Canada
- Operational/Former Industrial Facilities, Ottawa/Cornwall/Sarnia/Brockville/Gananoque, Ontario
- Existing Dry Cleaning Facilities, Ottawa/Arnprior, Ontario
  - Automotive Service Garages, Ottawa/Vancouver, Canada
- Various Commercial/Residential Properties, Eastern Ontario
- Tetrachloroethylene Groundwater Plume, Commercial Property, Ottawa, Ontario
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Manager for the completion of a Phase One ESA for the potential acquisition of a commercial property. Upon discovery of APECs at the Site and significant data gaps in previous investigations, completed a Phase Two ESA to evaluate soil and groundwater quality at the Site. Further oversight of original owner's environmental consultants was completed to ensure adequate delineation and characterization of a dNAPL groundwater plume at the Site, present at significant depths in shale bedrock, which originated as a result of a former on-Site dry-cleaning operation.

Project Engineer for removal of underground heating oil storage tanks adjacent to residential buildings. Completed excavation supervision of contaminated soil around and below active underground services, including hydro, water and natural gas infrastructure at residential properties. Activities included oversight of removal of petroleum, impacted soil, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Prepared Phase I, II and III Environmental Site Assessment reports. Project Engineer Retail Fuel Outlet Decommissioning and Remediation | Ottawa, ON | 2012

Project Engineer/Manager Former Fuel Outlet Investigation and Remediation | Merrickville, ON | 2016-2017

#### **Record of Site Conditions**

Project Manager/Engineer Residential Redevelopment | Environmental Remediation Program and Record of Site Condition Submission | Ottawa | 2015

Project Manager/Engineer Industrial Development | Environmental Assessment and Record of Site Condition Submission | Township of Edwardsburgh/Cardinal | 2015

#### **Excess Soil Management**

Project Engineer/Manager Management of Excess Soil | CTREL, Brigil, Ottawa Community Housing Corporation | Ottawa and Pembroke, Ontario | 2016, 2018

#### Designated Substance Surveys

#### **Project Manager**

Designated Substance Surveys and Hazardous Building Materials Assessment | Ottawa, Pembroke, Southeastern Ontario | 2010-2020

### Environmental Litigation Support

Project Manager, Field Engineer, Expert Witness Ottawa, Ontario | 2014-2020 Project Engineer for UST removal and confirmatory soil sampling at former ESSO gas station in Ottawa, Ontario. Activities included oversight of removal of USTs and product lines, oversight of removal of petroleum-impacted soil and groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis.

Project Engineer for confirmatory soil and groundwater sampling following UST removal at former Shell gas station. Activities included oversight of removal of petroleum-impacted soil, pumping of groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Additional borehole/monitoring well drilling also completed.

Project Manager for delineation of soil contamination and groundwater sampling for a former automotive garage and gas station property in Ottawa, Ontario. Presented and implemented remedial action plan to remediate on-Site contamination. Directed staff in collection of post remediation confirmatory soil and groundwater samples for contaminants of concern. Prepared remediation closure report and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Manager for environmental assessments for a proposed industrial business park, in an existing industrial area within the Township of Edwardsburgh/Cardinal, Ontario. Prepared environmental assessment reports and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Engineer/Manager for sampling, analytical testing, development of soil management plans and monitoring during removal of excess soil generated as part of construction activities, including the following properties/facilities:

- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario
- Residential redevelopment, 121 Parkdale Avenue, Ottawa, Ontario
- CTR 079, 1104 Pembroke Street East, Pembroke, Ontario
- CTR 297, 2010 Ogilvie Road, Ottawa, Ontario

Project Manager for asbestos containing material (ACM) surveys, designated substance surveys (DSSs), Hazardous Building Materials Assessments (HBMAs) or mould assessments at the following sites:

- DSSs at various municipal facilities for the City of Pembroke, Pembroke, Ontario. Preparation of Asbestos Management Plan.
- HBMAs at various institutional buildings for the Catholic District School Board of Eastern Ontario, Southeastern Ontario.
- DSSs and ACM surveys at various residential, buildings (dwellings and apartment buildings) for private residential clients, Ottawa, Ontario.
- DSS and abatement oversight during demolition, residential buildings (townhouses) for Ottawa Community Housing Corporation, 818 Gladstone Avenue, Ottawa, Ontario.

Project Manager, Field Engineer and Expert Witness for a fuel spill, remediation program, groundwater monitoring program and litigation review for redevelopment of a residential property adjacent to a central heating plant at an institutional facility.

# Education

BEng Geological Engineering, École Polytechnique de Montreal, Montreal, Quebec, 1990

MSc Geophysics, University of British Columbia, Vancouver, British Columbia, 1983

BSc Geophysics, Honours, University of British Columbia, Vancouver, British Columbia, 1980

### Certifications

Registered as PMP with Project Management Institute since 2012, requalified in 2018

Qualified Person (QP) for Environmental Site Assessments with Ontario Ministry of Environment and Conservation and Parks

## **Professional Affiliations**

Licensed as P.Eng. with the Professional Engineers of Ontario (PEO) since 1994

Licensed as Ing. with l'Ordre des ingénieurs du Québec (OIQ), 1992

Licensed as P.Eng. with NAPEG (NWT and Nunavut), since 2009.

Licensed as P.Eng with Engineers Yukon since 2018

## **Federal Clearance Level**

Secret ID # 95251065

# **DON PLENDERLEITH**

Senior Environmental Engineer and Project Manager

# **PROFESSIONAL SUMMARY**

Mr. Plenderleith has been an environmental engineer for 30 years. From 1990 to 2000 he worked at specialty firms in Montreal and Ottawa where he gained field and reporting experience in site assessment and remediation of retail fuel outlets and railway yards. In 1991 and 1992 he worked on a CIDA sponsored project to assess additional water resource potential in two provinces in Indonesia. He worked for Golder for 19 years on projects in Ottawa, the North and overseas.

His expertise covers all steps in contaminated site management: Phase I, II and III environmental site assessments (ESAs), risk assessments, remedial options evaluations, remedial action plans, tender plans and specifications, remediation project oversight, long-term monitoring and project closure. He has largely concentrated on federal sites since 2002 and was Golder's initial point of contact on the Environmental Standing Offer Agreement with PSPC in the National Capital over that time.

Don led Golder's national client service team for Federal government and was responsible to Golder's management for maintaining strong relations with the federal government. Locally, he provided project management and technical direction of a variety of environmental projects from the Ottawa office. Don mentored several junior professionals. His site portfolio included: military bases, Northern sites, navigational sites, correctional facilities, research labs, commercial buildings and Canadian embassies abroad. On several multi-year projects (Kingston Penitentiary and Connaught Ranges landfill) he directed all steps of site management from initial investigations, through to site closure.

Don is equally experienced at providing strategic and portfolio-level assistance to clients as well as site-specific level work. He has written contaminated sites management plans for several federal Departments. He helped to develop components of the FCSAP project manager's tool kit and has trained federal project managers in its use. He has provided program-level assistance to the FCSAP Secretariat for funding demand forecasting and long-term strategy and risk management. For nine years he led a multi-disciplinary team that performed contaminated site liability peer reviews for the Office of the Auditor General of Canada.

Don completed his engineering degree in French and is licensed to practice in Quebec. He frequently coordinates the French language component at bilingual meetings and workshops.

# **PROJECT EXPERIENCE – STANDING OFFER MANAGER**

Public Services and Procurement Canada, National Capital Region, Environmental Engineering Standing Offer (2002-2019).

Phase I, II, and III and

**Remediation at Pittsburgh** 

Penitentiary for PSPC/CSC

Institution and Kingston

near Kingston, Ontario

Don managed Golder's Environmental Standing Offer Agreement (SOA) with PSPC in the National Capital Region from 2002 to 2019. He was the first point of contact with PSPC for new call-ups. He formed project teams from the approved resources and reviewed the work plans under each call-up. He was responsible and accountable for Golder's overall project performance to PSPC.

# **PROJECT EXPERIENCE – SENIOR PROJECT MANAGER**

Environmental Site Assessment, Remediation Planning and Implementation for the Pittsburgh Institution and Kingston Penitentiary, Kingston, Ontario from 2007 to 2015 - Don was the Senior Project Manager and project reviewer for the Phase I, II and III of contaminated sites on two similar projects at these federal penitentiaries. Don performed project management and provided technical direction during the full suite of services from site assessment through to remediation. Federal project management tools, and FCSAP technical tools (GOST) were used to assist with procedural compliance. Don assisted PSPC with the tender specification for both remediation projects and performed on-site supervision during the fast-track remediation work at Pittsburgh. Don also performed senior review of the draft and final reports.

Peer Review and Liability Review of US Steel Site in Hamilton Harbour for PSPC and Transport Canada (July-August 2016)

Contaminated Site Reporting and Review for Department of National Defence Ottawa, Ontario, Canada Don was the Senior Project Manager for a Peer Review of reports pertaining to the US Steel site on Hamilton Harbour that the Hamilton Port Authority (HPA) was considering purchasing. TC requested the peer review and liability review in its oversight role over the HPA. Don brought a senior expert in at steel industry at Golder onto the project team. With his input some important gaps in the previous site assessments, management plans and liability estimates were identified to TC.

Don has managed several projects for DND's Director General Environment, related to the financial reporting of DND's contaminated sites. He managed the EcoNet validation project in 2006, in which the systems and procedures by which site cost and liability information are input to DND's Contaminated Site database, Econet. Several of DND's major projects being run out of headquarters were reviewed in that exercise. In 2008 he assisted DND by producing the 2008 update of their Contaminated Sites Management Plan (CSMP) for Treasury Board submission. Nine divisional CSMPs were reviewed, summarized and incorporated into the departmental CSMP.

# PROGRAM LEVEL WORK – FEDERAL CONTAMINATED SITES

Project Management Tools for Contaminated Sites, Ottawa, Ontario, Canada Mr. Plenderleith developed two of the FCSAP Project Management Tools: Status Reporting and Project Risk Management. He has provided training in the tools to federal project managers country-wide. He has delivered training sessions at RPIC National Contaminated Sites workshops on several occasions on the PM Tools, the Sustainable Development Tool (SDAT), and Guidance Tool for Selection of Technologies Tools (GOST).

Assistance to FCSAP for program-level Risk Management, PWGSC/ECCC Ottawa, Ontario Don has led a team at Golder that provided assistance to the FCSAP Secretariat from 2013 to 2019 in the areas of cost projections for funding demand estimates. He devised a method of projecting the costs of unassessed sites based on closure costs of similar sites. This tool was used to estimate the funding demand for FCSAP Phase III and past Phase III. Don assisted the Secretariat with Long-Term Strategic planning for FSCAP post 2020 when the 15-year program is due to sunset.

Secondments to Federal Departments Mr. Plenderleith has been seconded from Golder to the Department of Foreign Affairs and International Trade (now Global Affairs Canada "GAC") on three occasions to develop their Contaminated Sites Management Plans and to fill in while GAC was staffing their full-time environmental engineer position. Through these secondments he has developed a greater understanding of the role of federal custodians in managing their programs.

# **PROJECT EXPERIENCE – NORTHERN SITES**

 DEW Line Site Monitoring, Baffin Region, DND (2015-19)
 Mr. Plenderleith was the project director of Golder's DEW Line Monitoring contract with DND from four years 2015 to 2019. He was responsible for overall program quality and liaison with the client and management of Inuit subcontractors. The project was multi-disciplinary, involving geotechnical and environmental components. Mr. Plenderleith has developed a very positive working relationship with the hamlet of Qikiqtarjuaq and the Inuit staff from that community, many of whom have returned to work with Golder every year. All Inuit Participation Targets were exceeded.
 Tundra Mine Remediation Monitoring PSPC/INAC (2016-2018)

Don was the Senior project director for Golder's Remediation Monitoring of Tundra Mine (NWT) for PSPC and INAC. This project is multi-disciplinary involving surface water and groundwater environmental monitoring and aquatic monitoring for the final stages of the remediation of Tundra Mine. Don has reviewed the monthly and annual monitoring reports produced for the Water Licence. His earlier experience with the RAP for Tundra has been valuable on this project. Remedial Options Review and Remedial Action Planning Former Water Tanker Base, Inuvik Airport, NWT 2010-12 From 2010 to 2012, Mr. Plenderleith was the technical director for the Phase III ESA detailed site assessment and remediation planning of the former Water Tanker Base at the Inuvik Airport in NWT. The work included determining the contaminants of concern, delineation of contaminated soil and seasonal groundwater areas, and assessing remedial options. The remedial action plan reviewed chemical oxidation and removal & disposal options within the constraints of northern work season, and the distance to a disposal facility. Descriptions, costs, advantages and limitations were provided for several options. GNWT performed the remediation with own forces.