



ENGINEERING



LABORATORY



**PHASE ONE
ENVIRONMENTAL SITE
ASSESSMENT**



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Issued to: Dymon Group of Companies
Contact: Stephen Creighton
Project Name: Phase One Environmental Site Assessment (RSC)
Project Address: 3455 Hawthorne Road, Ottawa, Ontario
Project Number: FE-P 21-10966
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**Project Manager:
(Primary Contact)**

A handwritten signature in blue ink, appearing to read 'Yvonne Hoogeveen', is written over a light blue circular stamp.

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A handwritten signature in blue ink, appearing to read 'David Fisher', is written over a circular professional engineer seal. The seal contains the text 'LICENSED PROFESSIONAL ENGINEER' at the top, 'D. A. FISHER' in the center, and 'PROVINCE OF ONTARIO' at the bottom.

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GLOSSARY OF ACRONYMS

ACM:	Asbestos-Containing Material
asl:	Above Sea Level
AST:	Aboveground Storage Tank
bgs:	Below Ground Surface
BTEX:	Benzene, Toluene, Ethylbenzene and Xylenes
CPC:	Contaminants of Potential Concern
CSA:	Canadian Standards Association
EC:	Electrical Conductivity
EPA:	Environmental Protection Act
ESA:	Environmental Site Assessment
FIP:	Fire Insurance Plan
MNR:	Ministry of Natural Resources
MECP:	Ministry of the Environment, Conservation and Parks
MOECC:	Ministry of the Environment and Climate Change
MOL:	Ministry of Labour
ODS:	Ozone Depleting Substance
OHSA:	Occupational Health and Safety Act
Phase I ESA:	Phase One Environmental Site Assessment
Phase II ESA:	Phase Two Environmental Site Assessment
PAH:	Polycyclic Aromatic (Polyaromatic) Hydrocarbons
PCA:	Potentially Contaminating Activity
PCB:	Polychlorinated Biphenyls
pH:	potential of Hydrogen
PHC (F1-F4):	Petroleum Hydrocarbons (Fractions 1 to 4)
ppm:	Parts Per Million
ppb:	Parts Per Billion
RSC:	Record of Site Condition
SAR:	Sodium Adsorption Ratio
TSSA:	Technical Safety and Standards Association
UFFI:	Urea Formaldehyde Foam Insulation
UST:	Underground Storage Tank
VOC:	Volatile Organic Compounds

1. EXECUTIVE SUMMARY

Fisher Environmental Ltd. was retained by Dymon Group of Companies to conduct a Phase One Environmental Site Assessment (Phase I ESA) of the property located at 3455 Hawthorne Road, Ottawa, ON, herein referred to as the “Site”. The Phase One ESA was conducted in support of the redevelopment of the Site.

The scope of work included records review, interviews, site reconnaissance, review and evaluation of information collected, preparation of tables with Current and Past Uses of the phase one property and Areas of Potential Environmental Concern (APECs), a Conceptual Site Model (CSM), preparation of a written report with conclusions and recommendations, and submission of the report to Dymon Group of Companies.

Records Review

The applicable search distance for the phase one study area records review included the phase one property, properties located, wholly or partly, within 250 m from the nearest point on a boundary of the Site, and other neighboring properties where activities considered being Potentially Contaminating Activities (PCAs) were apparent or anticipated.

A review of the 1951 aerial photograph indicated that the phase one property and surrounding areas were undeveloped/agricultural land. From 1991 to present, the phase one property was cleared and used for outside commercial storage. Chain of title denotes that Juri Kukk, in trust purchased the phase one property in June 1989.

Local topography is generally flat, with the surrounding areas generally sloping towards the east. Previous work conducted by Fisher Environmental Ltd. in 2019 indicated that the phase one property’s stratigraphy consisted of fill generally consisted of dark brown to brown silty sand to sandy silt with some to trace of topsoil/roots/gravel and occasional cobbles. Native soils of greyish brown silt to sandy silt with shale were found underlying the fill. Relative density of this silt/sandy silt was found to be compact to very dense. Grey shale was found underlying the above greyish brown silt/sandy silt to weathered shale. McEwan Creek is located approximately 400 m east of the phase one property, and the inferred local groundwater flow direction is towards east.

In June 2019, Fisher Environmental Ltd. conducted a Phase II ESA at the phase one property for Dymon Group of Companies. Six (6) boreholes were advanced to depths of up to 4.88 m bgs, and in three (3) of them, monitoring wells were installed to facilitate groundwater level monitoring and sampling. A total of six (6) soil and two (2) groundwater samples were submitted to the laboratory for Metals, PHC(F1-F4), VOC, PAH, EC, SAR and/or pH analysis. The results of chemical analysis for all submitted soil and groundwater samples were found to be in compliance with the applicable standards.

Site Reconnaissance/Interviews

The central western portion of the Site is occupied by a sales office trailer. The remaining portions of the Site are gravel covered, recently vacant, formerly used as storage of landscaping supplies. No current operations, representing Potentially Contaminating Activities (PCAs) at the phase one property and remaining phase one study area, were identified at the time of the site reconnaissance.

Conclusions and Recommendations

The records review, interviews and site reconnaissance conducted as part of the present Phase One ESA have identified PCAs within phase one study area that are unlikely to contribute to APECs at the phase one property. This conclusion is supported by a combination of factors, namely the downgradient location and distance to the PCA identified at 3375, 3419 and 3429 Hawthorne Road properties in relation to the phase one property, cross gradient location and relatively recent installation of USTs identified at 3467 and 3500 Hawthorne Road properties in relation to the phase one property, the absence of identifiable anthropogenic contaminant transport pathways connecting properties with PCAs to the phase one property, geological and hydrogeological conditions in the area, past and current property uses within 250 m from phase one property boundaries.

It is expected that the phase one property could continue to be used for industrial/commercial purposes. Filing of a Record of Site Condition with the Environmental Site Registry is mandatory when there is a change (in all or in part of the property) from an industrial, commercial or community property use to residential, institutional, parkland or agricultural or other property use.

2. INTRODUCTION

Fisher Environmental Ltd. ('Fisher') conducted a Phase One Environmental Site Assessment (Phase I ESA) of the property located at 3455 Hawthorne Road, Ottawa, ON, with PIN 04161-0072 (LT). Mr. Sean Fisher conducted the Site Reconnaissance on February 26, 2021.

'Fisher' received authorization to carry out the Phase I ESA from Mr. Stephen Creighton of Dymon Group of Companies, whose address is 2-1830 Walkley Road, Ottawa, ON K1H 8K3, and can be contacted at screighton@dymon.ca.

The owner of the subject property is Dymon Group of Companies, whose address is 2-1830 Walkley Road, Ottawa, ON K1H 8K3, and can be contacted at screighton@dymon.ca.

2.1. Phase One Property Information

2.1.1. Site Location

The phase one property is located on the east side of Hawthorne Road approximately 60 m north of the intersection of Hunt Club Road and Hawthorne Road. NAD 83 Datum for the centroid of the property is 18-453225-5024825. The Site is bounded by commercial/light industrial buildings to the north, south and east, and Hawthorne Road to the west. The Site has an area of approximately 0.8 hectares. Please refer to Appendix A for Site Location Map and Site Plan.

2.1.2. Legal Description

The Site is legally described as Part of Lot 5 Concession 6 Rideau Forest, Gloucester, Part 1, 5R8761, Except Part 2, 4R13939; S/T N764355 Gloucester, with PIN 04161-0072 (LT).

3. SCOPE OF INVESTIGATION

3.1. Objectives

The Phase I ESA was conducted for Dymon Group of Companies in support of the redevelopment of the Site. The purpose of the Phase I ESA was to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the phase one property, and to determine the need and provide the basis for carrying out any Phase Two Environmental Site Assessment (Phase II ESA).

3.2. Regulatory Framework

The roles and powers of the Ontario Ministry of the Environment, Conservation and Parks (MECP) when dealing with contaminated sites are outlined primarily in the Environmental Protection Act (EPA) (R.S.O 1990). The MOE has a mandate to address conditions where there is an adverse

effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant.

The Phase One ESA was conducted in accordance with Part VII and Schedule D of the Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the EPA), as amended by Ontario Regulation 407/19, as of December 4, 2019.

The amended Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the EPA) provides roles and responsibilities to property owners and consultants to use when assessing the environmental condition of a property, when determining whether or not restoration is required, and in determining the kind of restoration needed to allow continued use or reuse of the site.

3.3. Scope of Work

A Phase I ESA is the systematic preliminary process by which an assessor seeks to determine whether a particular property is subject to actual or potential contamination. A Phase I ESA does not involve the investigative procedures of sampling, analyzing, and measuring, unless enhancements are agreed upon between the client and the assessor.

The principal components of this Phase I ESA consisted of the following:

1. A records review;
2. Interviews;
3. Site reconnaissance;
4. Review and evaluation of collected information;
5. Preparation of tables with Current and Past Uses of the phase one property and Areas of Potential Environmental Concern (APEC);
6. Preparation of a Conceptual Site Model (CSM);
7. Preparation of a written report; and
8. Submission of the report to the owner, Dymon Group of Companies.

4. RECORDS REVIEW

4.1. General

The specific objectives of a records review are to obtain information on the current and past uses of, and activities at, or affecting the phase one property in order to determine if an APEC exists at the Site and to interpret any potential environmental concern. Additionally, a review of records that relate to properties in the phase one study area, other than the phase one property, determines if a Potentially Contaminating Activity (PCA) may be contributing to an APEC at the phase one property.

4.1.1. Phase One Study Area Determination

The applicable search distance for the phase one study area records review included the phase one property, properties located, wholly or partly, within 250 m from the nearest point on a boundary of the Site, and other neighboring properties where activities considered being potential sources of environmental contamination, were apparent or anticipated. Refer to Appendix D for a presentation of the phase one study area (Figure 1).

4.1.2. Municipal Property Use Directories for Phase One Study Area

A review of municipal directories was conducted in order to obtain a listing of previous occupants for the subject property and relevant properties located, wholly or partly, within 250 m from the boundaries of the phase one property. This information is useful in determining the past and/or present uses and associated environmental risks at properties within the phase one study area.

It should be noted that due to current closure of the Reference Library, no access to the search for municipal directories was available at this time. However, information provided from other sources are determined to be sufficient to evaluate potential environmental concerns for the Site.

4.1.3. First Developed Use Determination for Phase One Property

The date of the first developed use of the phase one property was determined based on a review of aerial photographs, and it was determined that the Site was first developed in 1991 or earlier. By 1991, the phase one property was cleared and used for outside commercial storage.

4.1.4. Fire Insurance Plans

Fire Insurance Plans (FIP) were originally created to provide insurance companies with detailed information so that they could assess insurance risks as a fire hazard. A search was conducted by Opta Information Intelligence Enviroscan, and no FIP was available for the phase one study or surrounding areas.

4.1.5. Chain of Title and Assessment Rolls for Phase One Property

An up-to-date search of the Chain of Title of the phase one property was carried out carried out at the time of this study by Domsons Title Search Inc. and reviewed by Fisher. A review of the Land Registry document indicated that the chronology of ownership for the Site is as follows:

TABLE 1: Chronological Chain of Title

Date of Property Transfer	Parties From	Parties To
1838/09/22	Crown	Miles Read
1915/06/02	Miles Read - Estate	William P. Johnston

Date of Property Transfer	Parties From	Parties To
1957/05/28	William P. Johnston	Berthilda Johnston
1958/12/04	Berthilda Johnston	Campeau Construction Company Limited
1979/10/10	Campeau Corp Hugh M Grant Ltd (mortgage)	Hugh M. Grant Ltd. Campeau Corp (mortgagee)
1984/11/01	Supreme Court of Ontario (Hugh M. Grant Ltd.)	Campeau Corp
1989/06/30	Campeau Corp	Juri Kukk, in trust
1998/11/18	Juri Kukk, in trust (easement)	The Regional Municipality of Ottawa-Carleton
2019/09/27	Juri Kukk, in trust	3455 Hawthorne Storage GP Corporation

Based on a review of the title search records, no potential environmental concerns were identified. Refer to a copy of the land title search report from Registry Office #4 attached in Appendix B.

4.1.6. Previous Environmental Reports for Phase One Property

The following reports were reviewed by Fisher and used as a source of background information:

TABLE 2: Previous Reports

Report Title and Date	Prepared By/For	Scope and Conclusions
Phase II ESA, 3455 Hawthorne Rd, Ottawa, ON July 9, 2019	Fisher Environmental Ltd. Dymon Group of Companies	Six (6) boreholes were advanced to depths of up to 4.88 m bgs, and in three (3) of them, monitoring wells were installed to facilitate groundwater level monitoring and sampling. Local topography is generally flat, with the surrounding areas generally sloping towards the east. The phase one property's stratigraphy consisted of fill generally consisted of dark brown to brown silty sand to sandy silt with some to trace of topsoil/roots/gravel and occasional cobbles. Native soils of greyish brown silt to sandy silt with shale were found underlying the fill. Relative density of this silt/sandy silt was found to be compact to very dense. Grey shale was found underlying the above greyish brown silt/sandy silt to weathered shale. Groundwater was encountered in MW3 at a depth of 2.10 m bgs. A total of six (6) soil and two (2) groundwater samples were submitted to the laboratory for Metals, PHC(F1-F4), VOC, PAH, EC, SAR and/or pH analysis. The results of chemical analysis for all submitted soil and groundwater samples were found to be in compliance with the applicable standards.

4.2. Environmental Source Information

Reasonable accessible information and documents pertaining to the phase one study area have been searched by making inquiries to various Federal and Provincial environmental sources, including an Environmental Risk Information Services (ERIS) Report that assists in the assessment and evaluation of environmental risks. Please refer to the ERIS Report attached in Appendix B. The results of the search are as follows:

TABLE 3: Environmental Source Information Search

Source	Findings Pertaining to Phase One Study Area
National Pollutant Release Inventory (NPRI) information maintained by Environment Canada	Based on the ERIS Report, Dew Engineering & Development Ltd., located at 3429 Hawthorne Road, indicated releases of ferric oxide and iron to air in 2004, and VOC to air from 2002 to 2004, 2009, 2011.
Ontario Inventory of PCB Storage Sites, October 2004 and December 2013; and National Inventory of PCB in Use and PCB Wastes in Storage in Canada, 2008, information maintained by Environment Canada.	Based on the ERIS report, properties within the phase one study area are not identified as PCB storage sites.
Certificate of Approval (CA), Environmental Bill of Rights Registry (EBR), Environmental Activity and Sector Registry (EASR), Environmental Compliance Approval (ECA), Chemical Register (CHEM), Permit to Take Water (PTTW), Certificate of Property Use (CPU) or similar instruments.	Based on the ERIS report, the following records were obtained within the phase one study area from CA database, as follows: <ul style="list-style-type: none"> Dew Engineering & Development Ltd., located at 3429 Hawthorne Road (0 m north and east of the Site), was approved for CA of industrial air, in November 1992, for a paint spray booth, in March 1995, for an automatic paint spraying line, in May 2002, for paint booth replacement; approved on ECA (2002, 2006, 2010) and registered on EBR (2000, 2004, 2010, 2020) City of Ottawa, Hunt Club Road and Hawthorne Road (75 m south of the Site) was approved for CA of municipal and private sewage works in February 2008 and May 2010.
Inventory of Coal Gasification Plant Waste Sites in Ontario, MOE, April 1987	Properties within phase one study area are not listed as former coal gasification plant waste sites.
Compliance and conviction records regarding environmental incidents, notices, orders, offences, spills and inspection reports of the Ministry, or submitted to the Ministry	Based on the ERIS Report, Dew Engineering & Development Ltd., located at 3429 Hawthorne Road, was convicted in May 1993 for operation of a paint spray booth without a CA.

Source	Findings Pertaining to Phase One Study Area
	<p>No other properties within the phase one study area were documented for compliance or conviction regarding environmental notices, orders, or offences, however several spills were reports, as follows.</p> <ul style="list-style-type: none"> • Dew Engineering & Development Ltd., 3429 Hawthorne Road, had a spill of 5 L of Phosphoric Acid, due to equipment failure in October 2009; 100 L of diesel fuel to soil, due to equipment failure in January 2010; 50,000 L diluted acid & zinc oxide mixture to ditch, due to equipment failure in September 2019. <p>Due to this property being situated at a lower grade elevation, these spill records are not considered as a potential concern for the Site.</p> <ul style="list-style-type: none"> • City of Ottawa, Hunt Club Road and Hawthorne Road, spilled 60 L of diesel fuel in June 2013, due to road conditions, the spill was cleaned, environmental impact is not expected; and 5 L of coolant from bus to road/catch basin in May 2016. <p>Due to the distance from the Site and the volume of these spills, the records are not considered as a potential concern for the Site.</p> <p>At the time of report issuance, a response from the MECP Freedom of Information and Privacy Protection Office had not yet been received. Fisher will advise the Client if any outstanding environmental source information changes the conclusion or recommendations of this report. A copy of the request is provided in Appendix B.</p>
Private and retail fuel storage tanks information maintained by the Technical Standards and Safety Authority (TSSA)	<p>Based on the ERIS report, the following record was obtained within the phase one study area from Fuel Storage Tanks (FST) database, as follows:</p> <p><u>3467 Hawthorne Road</u> (0 m south of the Site) Parkland Fuel Corporation (Ultramar), gas station, had two (2) 50,000 L and a 35,000 L double walled fiberglass gasoline UST, and a 25,000 L double walled fiberglass diesel UST installed in 2014.</p> <p>Due to this property being situated at a similar grade elevation, cross gradient, hydraulic transport pathway located between the two properties and relatively recent installation of the USTs, these records are not considered as a potential concern for the Site.</p>

Source	Findings Pertaining to Phase One Study Area
	<p><u>3500 Hawthorne Road</u> (approximately 40 m west of the Site) 2520333 Ontario Inc. (Esso), gas station, had two (2) 50,000 L double walled fiberglass gasoline UST, and a 50,000 L double walled fiberglass gasoline/diesel UST installed in 2018.</p> <p>Due to the distance from the Site, being situated at a similar grade elevation, cross gradient, and relatively recent installation of the USTs, these records are not considered as a potential concern for the Site.</p> <p><u>3419 Hawthorne Road</u> (approximately 60 m north of the Site) Raymond Steel Ltd., private fuel outlet, had a 22,700 L single walled steel gasoline UST, and a 22,700 L single walled steel diesel UST, both installed in December 1990.</p> <p>In addition, listed in the List of Expired Fuel Safety Facilities (EXP) database for two (2) expired liquid fuel UST in July 2009, installed in December 1990.</p> <p>Due to this property being situated at a lower grade elevation, these tank records are not considered as a potential concern for the Site.</p> <p>A reply to Fisher's electronic inquiry to the TSSA indicated that no records of retail facilities or licensed fuel storage tanks were found for the phase one property. A copy of the TSSA response letter is provided in Appendix B.</p>
<p>MOE Regulation 347 Public Information Data Set and the MOE's Hazardous Waste Information Network (HWIN)</p>	<p>Based on the ERIS report, the Site and three (3) properties located within the phase one study area were listed as generators of hazardous wastes as follows:</p> <p><u>3455 Hawthorne Road (Site)</u> T.I.P. Division of G.E. Capital Canada Inc.– waste class: petroleum distillates (213) from 1994 to 2001.</p> <p><i>Due to the nature of the operation, it is likely that the waste generated was limited in quantity and is not considered as a potential concern for the Site.</i></p> <p><u>3429 Hawthorne Road</u> (0 m north and east of the Site) Dew Engineering & Development Ltd., (other stamped metal) – waste class: neutralized wastes – heavy metals (131) from 1986 to 1990; and various classes from 1992 to 2016, 2018, 2020.</p>

Source	Findings Pertaining to Phase One Study Area
	<p>Due to this property being situated at a lower grade elevation, these waste records are not considered as a potential concern for the Site.</p> <p><u>3467 Hawthorne Road</u> (0 m south of the Site) Parkland Fuel Corporation – waste class: waste oils/sludges (251) in 2018.</p> <p>Due to only one year of registration, it is likely that the waste generated was limited in quantity and is not considered as a potential concern for the Site.</p> <p><u>3419 Hawthorne Road</u> (approximately 60 m north of the Site) Raymond Rebar Inc. – waste class: oil skimmings & sludges (251), petroleum distillates (213) and waste oils & lubricants (252) from 1998 to 2001; AGF Raymond Rebar Inc. – waste class: light fuels (221), oil skimmings & sludges (251), petroleum distillates (213) and waste oils & lubricants (252) from 2002 to 2016; AGF Steel Inc. – waste class: waste crankcase oils and lubricants (252) in 2018 and 2020.</p> <p>Due to this property being situated at a lower grade elevation, these waste records are not considered as a potential concern for the Site.</p>
Waste Disposal Site Inventories, MOE, June 1991	Based on the ERIS report, a waste disposal site (A460705) located approximately 220 m east of the Site, classification A3 – urban municipal/ domestic waste, was closed December 31, 1981.
Notices and instruments, including Records of Site Condition, posted in the Environmental Site Registry	<p>Based on the ERIS report, two (2) RSC, under O. Reg. 153/04, has been filed for properties within the phase one study area as follows:</p> <ul style="list-style-type: none"> • RSC (No. 33502), for 2028473 Ontario Inc., 3467 Hawthorne Road, approximately 0 m south of the Site, was filed in October 2007 on the basis of various Phase I and II ESA, sampling and monitoring investigations, without remedial efforts. CPCs identified in the RSC comprised of various metals, PHC and BTEX parameters in soil and various metals and VOC parameters in groundwater. According to the RSC, maximum concentrations of the CPCs are relatively low and are not likely to be associated with significant impacts to the environmental quality of soil or groundwater at this property.

Source	Findings Pertaining to Phase One Study Area
	<ul style="list-style-type: none"> RSC (No. 110333) for Imperial Oil Limited, 3500 Hawthorne Road, approximately 40 m west of the Site, was filed in June 2011 on the basis of Phase I and II ESA without remedial efforts. CPC identified in the RSC comprised of metals, PHC, BTEX, PAH and PCB parameters in soil and PHC and VOC parameters in groundwater. According to the RSC, maximum concentrations of the CPCs are relatively low and are not likely to be associated with significant impacts to the environmental quality of soil or groundwater at this property.
Well head protection areas (WHPA) information from planning authorities	Properties within the phase one study area are not located within 1 km of any WHPA. The Regional Municipality of Ottawa-Carleton website indicated that properties in the phase one study area received potable drinking water from the Ottawa River.
Information on areas of natural significance maintained by the Ministry of Natural Resources and Conservation Authorities	<p>The Ministry of Natural Resources' Natural Heritage Information Centre database has been searched for identification of areas of natural significance.</p> <p>Additionally, information from Ontario Conservation Authorities has been examined. No part of the phase one study area is located within or in the vicinity of such an area.</p>

Unplotted report in the ERIS report was also reviewed. The information provided is outside of the phase one study area or no detailed address/information is available; thus, the environmental concern from those databases to the Site could not be determined.

4.3. Physical Setting Sources

4.3.1. Aerial Photographs

The earliest aerial photograph available for the phase one study area was dated 1951. Aerial photographs dated 1951 and 1970 were obtained from the National Air Photo Library, provided by OPTA; 1965, 1976, 1999, 2005, 2010, 2014, 2017, and 2019 were obtained from City of Ottawa online interactive maps and Google Earth. The rationale for the selected years was to corroborate any changes that occurred within the phase one study area with information gathered from other records review. The photographs were examined stereoscopically to assess site conditions.

TABLE 4: Description of Aerial Photographs

Year	Description	
	Site	Surrounding Area
1951	The phase one property was undeveloped, agricultural land. No PCA or APEC were identified	Surrounding area was undeveloped, agricultural land. No PCA or APEC were identified
1965	The phase one property was undeveloped land. No PCA or APEC were identified	Small buildings and stockpile of soil was noted on the properties north and east of the Site. Neighbouring properties to the west and south continue to be undeveloped, agricultural land. No PCA or APEC were identified
1970	Similar to 1965.	Two industrial buildings were noted north/ northeast of the Site. Neighbouring properties to the west and south continue to be undeveloped, agricultural land. The creek observed further north and northeast appears to be in a different location than present. No PCA or APEC were identified
1976	The phase one property was undeveloped land, with the northern portion used as outside storage. No PCA or APEC were identified	Neighbouring properties to the north were developed with industrial-type buildings. Properties to the west and east appear to be recently disturbed land. Properties to the south continue to be undeveloped, agricultural land. No PCA or APEC were identified
1991	The phase one property was cleared with a small temporary building. No PCA or APEC were identified	Neighbouring properties to the north and east were further developed with outside storage. Properties to the west were developed with residential buildings. Properties to the south continue to be undeveloped, agricultural land. Outside metal storage noted east of a northern property building implies metal fabrication PCA, however no APEC were identified.
2005	The phase one property was primarily used for trailer storage. No PCA or APEC were identified	Similar to 1991.
2010	Similar to 2005.	Similar to 2005, except the land south of the Site was cleared and Hunt Club Road was being developed further south of the Site. No additional PCA or APEC were identified

Year	Description	
	Site	Surrounding Area
2014	Similar to 2010.	Similar to 2010, except the land south of the Site was developed as a gas station and a commercial (farm) building was developed south of Hunt Club Road. Gas Station south of the Site is a PCA, however transport pathway means no APEC were identified.
2018	The phase one property was primarily used for landscape storage. No PCA or APEC were identified	Similar to 2014, except the land further east of the Site was developed with a large commercial building and the land southwest of the Site was developed as a gas station. Gas Station southwest of the Site is a PCA, however transport pathway means no APEC were identified.

4.3.2. Topography, Geology and Hydrogeology of Phase One Study Area

Regional Topographical, Geological and Hydrogeological Conditions are presented in the following table:

TABLE 5: Topographical, Geological and Hydrogeological Sources

Topography and Drainage	
Source:	Toporama, City of Ottawa online interactive maps and Google Earth
Regional Conditions:	Grade elevation along Hunt Club Road slopes eastwards from approximately 85 m asl at the intersection with Blohm Drive to approximately 70 m asl where the road bends east of the intersection with Hawthorne Road. Grade elevation along Hawthorne Road slopes towards north from approximately 85 m asl south of the intersection with Hunt Club Road to approximately 80 m asl north of the intersection with Stevenage Drive.
Phase One Property Conditions:	Site topography is generally flat, with the surrounding portions generally sloping east. Run-off drainage/infiltration is expected to be directed towards near site ditches and unpaved areas.
Overburden Geology	
Source:	Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV.; previous investigation.
Regional Stratigraphic Conditions:	A combination of Paleozoic Bedrock and Older Alluvial Deposits

Phase One Property Conditions:	Previous work conducted by Fisher in 2019 indicated that the phase one property's stratigraphy consisted of fill generally consisted of dark brown to brown silty sand to sandy silt with some to trace of topsoil/roots/gravel and occasional cobbles. Native soils of greyish brown silt to sandy silt with shale were found underlying the fill. Relative density of this silt/sandy silt was found to be compact to very dense. Grey shale was found underlying the above greyish brown silt/sandy silt to weathered shale.
Bedrock Geology	
Source:	Ontario Geological Survey 2011. Bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.; previous investigation
Regional Bedrock Conditions:	Shale, limestone, dolostone and siltstone. Depth to bedrock is generally shallow in the area.
Phase One Property Conditions:	Previous work conducted by Fisher in 2019 indicated grey weathered shale as shallow as 2.13 bgs.
Hydrogeology	
Source:	Freeze and Cherry 1979 and Holtz and Kovacs 1981, previous investigation
Regional Conditions:	The surficial deposits within the study area consist mainly of silt/sandy silt, and a typical range of hydraulic conductivity of $10^{-3} - 10^{-5}$ cm/sec.
Phase One Property Conditions:	It is expected that hydrogeological conditions underlying the Site approach regional conditions. Approximate depth to water table is 2.1 m below grade.
Nearest Open Water Body:	McEwan Creek is located approximately 400 m east of the phase one property.
Inferred Groundwater Flow Direction:	East, based on regional topography and proximity to nearest water body.

Regional Topographical and Geological Maps that include the phase one study area are attached in Appendix C.

4.3.3. Fill Materials

The grade surface at the phase one property was generally flat. A review of the previous investigation (Fisher, 2019) describe fill generally consisted of dark brown to brown silty sand to sandy silt with some to trace of topsoil/roots/gravel and occasional cobbles up to 2.1 m bgs.

4.3.4. Well Records

Well record information within the phase one study area, available in the ERIS report, was reviewed. Please refer to Appendix B for a copy of the ERIS report. The search returned results indicating the presence of twelve (12) water wells constructed for the purpose of observation, monitoring and test hole, between 2008 and 2017.

One (1) domestic water supply well and two (2) industrial water supply wells were constructed east and north of the Site in 1952/1953. The area was agricultural property use at that time and these wells are expected to be decommissioned when the area was redeveloped with industrial property use.

4.4. Site Operating Records

No site operating records are available for review. Information provided by the current owner, historical records, and obtained from this assessment are determined to be sufficient to evaluate potential environmental concerns for the Site from the historical and current operations.

4.5. Enhanced Investigation Property Due to Previous Use

Based on a review of records regarding historical property use, it is concluded that the Site is not an enhanced investigation property.

5. INTERVIEWS

Interviews with persons relevant to the objectives of the phase one environmental site assessment are conducted to obtain information determining if an area of potential environmental concern exists at the phase one property, and to identify details of potentially contaminating activities or potential contaminant pathways in, on or under the phase one property.

5.1. Methodology

Fisher's Standard Questionnaire was used to conduct interviews with the current owner of the Site. The interviews were conducted via telephone.

5.2. Limitations

All interview participants answered the asked questions to the best of their knowledge.

5.3. Interview Participants

- a. Current Property Owner: Dymon Group of Companies

Written summary of each interview, with the date, time, duration, method and place of the interview, name of interviewed person and reason for person selection, key questions and

answers for each of the topics of the interview, and comparison of info from interviews to other data sources to assess validity of interview info, are included in Documentation of Interviews forms in Appendix B.

6. SITE RECONNAISSANCE

A visit at the Site, and at remaining publicly accessible phase one study area, was conducted by Mr. Sean Fisher of Fisher Environmental Ltd. on February 26, 2021. During the Site visit, the assessor was not accompanied. Selected photographs taken at the phase one study area visit are included in Appendix A.

6.1. General Requirements

The objectives of the site reconnaissance are to determine if APEC exist through observations about current and past uses and PCA on, in or under the phase one property, and where practicable, current and past uses and PCA at the remaining phase one study area.

Additionally, the objective of the site reconnaissance is to identify details of potential contaminant transport pathways on, in or under the phase one property and contaminants of potential concern.

6.1.1. Methodology

TABLE 6: Site Reconnaissance Methodology

Date and Time of Investigation:	February 26, 2021, 10:00 a.m.
Weather Conditions:	Partly Cloudy, -3°C
Duration of the Investigation:	1/2 hour
Operational Industrial or Commercial Facility:	No
Enhanced Investigation Property:	No
Observation Methods:	Visual assessment and photos of Site's features
Name and Qualifications of Assessor:	Sean Fisher, Project Manager

6.1.2. Limitations

Fisher was permitted access to all areas of the Site; however, the areas were snow covered.

6.1.3. Current Property Use and Activities

The phase one property is recently vacant, formerly used as storage of landscaping supplies. No current operations, representing PCA at the phase one property and remaining phase one study area, were identified at the time of the site reconnaissance.

6.1.4. Evaluation of Phase One Property Photographs

Photographs of the Site are summarized below and are attached in Appendix A.

Photo 1: View of the vacant Site, looking northwest

Photo 2: View of the northern portion of the Site, looking east

Photo 3: View of the temporary building located at the Site

Photo 4: View of the southern portion of the Site, looking east

Photo 5: View of the Esso Service Station located southwest of the Site

Photo 6: View of the Ultramar Service Station located south of the Site

Photo 7: View of the Residential Dwellings located west of the Site

Photo 8: View of the Industrial/Commercial buildings located east of the Site

6.2. *Written Description of Observations at Phase One Property*

The phase one property is rectangular in shape. The central western portion of the Site is occupied by a sales office trailer. The remaining portions of the Site are gravel covered, recently vacant, formerly used as storage of landscaping supplies.

TABLE 7: Summary of Property Description

Property Area:	8,000 m ²
Utility Providers:	• Water: City of Ottawa
	• Storm & Sanitary Sewer: City of Ottawa
	• Electricity: Hydro Ottawa
	• Natural gas: Enbridge
Building Use:	No permanent buildings or structures

6.2.1. Exterior Aboveground and Underground Structures

The Site is undeveloped land with a fence along the perimeter of the Site. The central western portion of the Site is occupied by a temporary sales office trailer.

6.2.2. Underground Utility and Service Corridors

No natural gas or potable water supply service or municipal sanitary sewer system exists on the Site. Storm water accumulated on the gravel-covered areas is draining by infiltration and/or overland flow into drainage ditches that run along property boundaries.

Hydro, telephone and telecommunication cables are running overhead from the hydro pole on Hawthorne Road to the front of the on-site trailer.

6.2.3. Potable Water Supply

Properties within the phase one study area rely on municipal water obtained from surface water bodies, as a source of drinking water.

6.2.4. Wells, Pits, Lagoons, Watercourses, Ditches or Standing Water

No evidence of abandoned or existing wells, pits, lagoons, watercourses, ditches or standing water was identified on the Site.

6.2.5. Stained Materials, Stressed Vegetation and Fill Materials

No stained surficial materials or stressed vegetation were observed at the Site. The surface of the Site is gravel covered. Based on the previous investigation, no significant quantities of fill materials were brought onto the Site prior to or during site development.

6.2.6. Interior of Buildings or Structures

There are no permanent buildings or structures.

6.2.7. Heating and Cooling

There are no permanent buildings or structures.

6.2.8. Stains

There are no permanent buildings or structures.

6.2.9. Drains, Sumps, Pits and Oil/Water Separators

There are no permanent buildings or structures.

6.2.10. Hydraulic Equipment

There are no permanent buildings or structures.

6.2.11. Hazardous Materials Inventory

No hazardous materials were identified on-site at the time of our visit.

6.2.12. Fuels and Chemicals

No fuels/fuel storage or chemicals/chemicals storage were identified at the time of our visit.

6.2.13. Waste Generation and Storage

No waste materials, other than domestic waste, are generated at the Site.

6.2.14. Unidentified Substances

No unidentified substances were noted on-site at the time of our visit.

6.2.15. Designated Substances and Other Special Attention Items

Occupational Health and Safety Act, R.S.O. 1990 defines a toxic substance as a chemical, biological or physical agent whose presence or use in the workplace may endanger the health and safety of a worker. The parts of the Act that deals with toxic substances are intended to: ensure that worker exposure to toxic substances is controlled; ensure that toxic substances in the workplace are clearly identified and that workers receive enough information about them to be able to handle them safely; and, provide the general public with access to information about toxic substances used by industry in their communities.

The Act allows a toxic substance to be “designated”, and its use in the workplace to be either prohibited or strictly controlled. Designation is reserved for substances that are particularly hazardous. There are no permanent buildings or structures.

6.2.16. Enhanced Investigation Property Due to Current Use

Based on interviews and site reconnaissance conducted as part of the present Phase One ESA, it is concluded that the current operations conducted at the Site are not consistent with those that define an enhanced investigation property.

6.3. *Written Description of Investigation of Phase One Study Area, other than Phase One Property*

The current occupants and activities observed at the time of the visit on **properties within phase one study area other than the phase one property**, and a summary of historical information (including past occupants) gathered through the records review, are listed in the following tables.

TABLE 8.1: Current and Historical Occupants and Use of Properties within phase one study area other than the Phase One Property

Address:	Direction/Distance from/to Site:	Relation to Site:	Across:
3419 to 3375 Hawthorne Road (odd numbers only)	North – 0 to 250 m.	Adjoining and Neighbouring	N/A

Current Occupant(s) Name(s):	Current Property Use:
3419 Hawthorne Road – AGF Steel Inc. 3385 Hawthorne Road – Drain-all 3375 Hawthorne Road – Central Truck and Trailer	Industrial and Commercial
Current Activities and Period of Operation:	
Industrial/commercial since 1976 to present. Vacant land 1960s to 1970s. Agricultural prior to 1951.	
Potentially Contaminating Activities:	
PCA 34 – ERIS report indicated metal fabrication and hazardous waste generation from 1998 to 2020. PCA 28 – ERIS report indicated fuel storage tanks since 1990. PCA 10 – During the Site Inspection, auto repair shop was noted, building existed since 1976. Based on these properties being at a lower grade elevation, anticipated groundwater flow direction (east) and local stratigraphy, the presence of these PCA is unlikely to represent a source of contamination on and/or under the phase one property.	
Water Bodies:	
McEwan Creek is located approximately 0 m north of the furthest property.	
Areas of Natural Significance:	
No part of the property is located within or in the vicinity of an area of natural significance.	

TABLE 8.2

Address:	Direction/Distance from/to Site:	Relation to Site:	Across:
3467 Hawthorne Road	South – 0 to 250 m.	Adjoining and Neighbouring	Hunt Club Road
Current Occupant(s) Name(s):	Current Property Use:		
3467 Hawthorne Road – Ultramar Service Station Kiwana Farmer's Market, Enbridge Distribution Yard	Industrial and Commercial		
Current Activities and Period of Operation:			
Industrial/commercial since 2014 to present. Agricultural prior to 1951 to 2010.			
Potentially Contaminating Activities:			
PCA 28 – ERIS report indicated fuel storage tanks since 2014. RSC filed for this property in 2007, found no significant impacts to the environmental quality of soil or groundwater. Based on the adjoining property being at a similar grade elevation, cross gradient, presence of hydraulic transport pathway located between the two properties and relatively recent installation of the USTs, the presence of this PCA is unlikely to represent a source of contamination on and/or under the phase one property.			

Water Bodies:
McEwan Creek is located approximately 225 m northeast of the closest property.
Areas of Natural Significance:
No part of the property is located within or in the vicinity of an area of natural significance.

TABLE 8.3

Address:	Direction/Distance from/to Site:	Relation to Site:	Across:
3429 Hawthorne Road 2711 Hunt Club Road	East – 0 to 250 m.	Adjoining and Neighbouring	N/A
Current Occupant(s) Name(s):		Current Property Use:	
3429 Hawthorne Road – Dew Engineering 2711 Hunt Club Road – Hydro Ottawa		Industrial and Commercial	
Current Activities and Period of Operation:			
Industrial/commercial since 1976 to present. Vacant land 1960s to 1970s. Agricultural prior to 1951.			
Potentially Contaminating Activities:			
PCA 39 – ERIS report indicated paint booths and hazardous waste generation from 1986 to 2020. PCA 58 – Waste disposal site for urban municipal/ domestic waste, which was closed Dec. 31, 1981. Based on these properties being at a lower grade elevation, anticipated groundwater flow direction (east) and local stratigraphy, the presence of these PCA is unlikely to represent a source of contamination on and/or under the phase one property.			
Water Bodies:			
McEwan Creek is located approximately 0 m east of the furthest property.			
Areas of Natural Significance:			
No part of the property is located within or in the vicinity of an area of natural significance.			

TABLE 8.4

Address:	Direction/Distance from/to Site:	Relation to Site:	Across:
3500 Hawthorne Road, Nobleton Avenue, Foxden Place, Forestglade Cres. and Hunterswood Cres.	West – 0 to 250 m.	Neighbouring	Hawthorne Road
Current Occupant(s) Name(s):		Current Property Use:	
3500 Hawthorne Road – Esso Service Station Various Residents		Commercial and Residential	

Current Activities and Period of Operation:
Commercial since 2018 to present. Residential since 1991 to present. Agricultural prior to 1951 to 1990.
Potentially Contaminating Activities:
PCA 28 – ERIS report indicated fuel storage tanks since 2018. RSC filed for this property in 2011, found no significant impacts to the environmental quality of soil or groundwater. Based on the commercial property being at a similar grade elevation, cross gradient, and relatively recent installation of USTs, the presence of this PCA is unlikely to represent a source of contamination on and/or under the phase one property.
Water Bodies:
McEwan Creek is located approximately 60 m north of the furthest property.
Areas of Natural Significance:
No part of the property is located within or in the vicinity of an area of natural significance.

6.4. Findings relevant to the existence of Areas of Potential Environmental Concern on, in or under Phase One Property

No current or historical PCA, operations or tenants associated with the phase one property, or with the other properties within phase one study area, were identified as contributing to an APEC at the phase one property.

7. REVIEW AND EVALUATION OF INFORMATION

The review of information is conducted to evaluate and interpret the data obtained from the records review, the interviews and the site reconnaissance, in order to achieve the general and specific objectives of the Phase One ESA.

Identification of current and past uses of the phase one property, existence and location of any APEC on, in or under the phase one property and description of any PCA at the phase one property and within the phase one study area, that may be contributing to an APEC at the phase one property, is presented in the following sections.

7.1. Current and Past Uses of the Phase One Property

TABLE 9

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Records Review
1838 to 1915	Miles Read - Estate	Agricultural use	Agricultural or other use	Date of ownership and name of owner based on the title search.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Records Review
1915 to 1957	William P. Johnston	Agricultural use	Agricultural or other use	Date of ownership and name of owner based on the title search.
1957 to 1958	Berthilda Johnston	Agricultural use	Agricultural or other use	Date of ownership and name of owner based on the title search.
1958 to 1979	Campeau Corp Hugh M Grant Ltd (mortgage)	Agricultural use or undeveloped land	Agricultural or other use	Date of ownership and name of owner based on the title search.
1979 to 1984	Supreme Court of Ontario (Hugh M. Grant Ltd.)	Undeveloped land	Agricultural or other use	Date of ownership and name of owner based on the title search.
1984 to 1989	Campeau Corp	Undeveloped land	Agricultural or other use	Date of ownership and name of owner based on the title search.
1989 to 2019	Juri Kukk, in trust	Undeveloped land	Commercial use	Date of ownership and name of owner based on the title search. Aerial photos (1991, 2005, 2010, and 2014) show the property is cleared and primarily used for trailer storage. Aerial photo (2018) shows the property primarily used for landscape storage.
2019 to present	3455 Hawthorne Storage GP Corporation	Undeveloped land	Commercial use	Date of ownership and name of owner based on the title search. Site Visit indicated the property is vacant.

7.2. Potentially Contaminating Activities at the Phase One Property

Records review did indicate that the Site was listed as a generator of hazardous wastes as follows: T.I.P. Division of G.E. Capital Canada Inc.– waste class petroleum distillates (213) from 1994 to 2001. However, due to the nature of the operation, it is likely that the waste generated was limited in quantity and is not considered as a PCA for the Site.

Therefore, no current or historical PCA, operations or tenants associated with the phase one property were identified at the phase one property.

7.3. Potentially Contaminating Activities at the Remaining Phase One Study Area that may contribute to an APEC at the Phase One Property

No current or historical PCA, operations or tenants associated with the other properties within phase one study area, were identified as contributing to an APEC at the phase one property.

7.4. Areas of Potential Environmental Concern

No APEC were identified at the phase one property.

7.5. Phase One Conceptual Site Model

This Phase One CSM synthesizes relevant information gathered during phase one study area evaluation, co-relates the Site features and geological/hydrogeological conditions in the area with on-site and/or off-site PCA, and identifies transport pathways and Contaminants of Potential Concern (CPCs) within phase one study area that may contribute to APECs on, in or under phase one property.

The graphic form of the Phase One CSM includes:

- A Site Plan of the Phase One Study Area (Fig. 1) that shows existing buildings, water bodies and areas of natural significance located in whole or in part on the phase one study area, roads, uses of properties adjacent to the Phase One Property, areas where off-site PCAs have occurred, and off-site transport pathways.
- A Site Plan of the Phase One Property (Fig. 2) that shows PCAs, APECs, transport pathways, former borehole and monitoring well locations and anticipated groundwater flow direction.

The narrative form of the Phase One CSM presented below is prepared on the assumption that the Site will maintain its commercial property use. The associated Figures 1 and 2 are included in Appendix D.

TABLE 10: Phase One CSM

Areas where Potentially Contaminating Activities have occurred on-site and/or off-site, and associated Contaminants of Potential Concern:	None identified.
Surface and sub-surface structures that may affect contaminant distribution and transport on-Site and from neighbouring properties:	None identified.

Geological and hydrogeological interpretations:	<p>Considering that the surficial geology in the area is characterized as greyish brown silt to sandy silt to weathered shale, and that the regional hydrogeologic conditions indicate a typical range of hydraulic conductivity for these soils of 10^{-3} – 10^{-5} cm/sec, an inferred groundwater flow direction towards east and an approximate depth to water table of 1.2 m below grade, it is expected that, if petroleum products have escaped into surface and/or subsurface soil and groundwater, potentially extensive lateral migration of contaminants may have occurred from the eastern to the southeastern portions of the property</p>
Uncertainty or absence of information:	<p>Location of subsurface fill materials across the Site is unknown at this time therefore distribution of contaminants within fill may be highly heterogeneous.</p> <p>This Phase One CSM represents current understanding of the site in terms of the relevant potentially contaminating sources, subsurface materials and processes, serves as the basis for further site characterization, and will ultimately support the evaluation of various remedial alternatives, if necessary. Because of the limited intrusive and/or non-intrusive investigations data on the phase one study area, the site conceptual model can only provide an approximation to the real world. At the early stages of site conceptual model development, it is possible that several realizations will be tenable however, as more monitoring and other data become available, the subsequent site conceptual models should provide a more detailed picture of fluid flow and material transport, and transformation processes.</p>

8. CONCLUSIONS

8.1. Requirement for Phase Two Environmental Site Assessment

Considering the findings of the current Phase One ESA, it is concluded that a Phase Two ESA is not required for the phase one property. The rationale for this conclusion is presented in the following section.

8.2. Record of Site Condition Based on Phase I ESA Alone

The records review, interviews and site reconnaissance conducted as part of the present Phase One ESA have identified PCAs within phase one study area that are unlikely to contribute to APECs at the phase one property. This conclusion is supported by a combination of factors, namely the downgradient location and distance to the PCA identified at 3375, 3419 and 3429 Hawthorne Road properties in relation to the phase one property, cross gradient location and relatively recent installation of USTs identified at 3467 and 3500 Hawthorne Road properties in relation to the phase one property, the absence of identifiable anthropogenic contaminant transport pathways connecting properties with PCAs to the phase one property, geological and hydrogeological conditions in the area, past and current property uses within 250 m from phase one property boundaries. It is expected that the phase one property could continue to be used for commercial purposes.

8.3. Signatures

Fisher Environmental Ltd. carried out the present Phase One Environmental Site Assessment at the request of Dymon Group of Companies, and by signing below the qualified person confirms the findings and conclusions of this report.

Respectfully submitted,

FISHER ENVIRONMENTAL LTD.



The image shows a handwritten signature in blue ink, which appears to be 'D. Fisher', written over a circular professional engineer stamp. The stamp contains the text 'LICENSED PROFESSIONAL ENGINEER' at the top, 'D. A. FISHER' in the center, and 'PROVINCE OF ONTARIO' at the bottom.

David Fisher, B.A.Sc., C. Chem., P. Eng.
Principal



The image shows a handwritten signature in blue ink, which appears to be 'Y. Hoogeveen', written in a cursive style.

Yvonne Hoogeveen, P. Eng.
Project Manager

9. REFERENCES

- *Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the EPA), Part VII and Schedule D of the Amended Regulation;*
- *Occupational Health and Safety Act (OHSA), R.S.O. 1990, Ministry of Labour;*
- *Chain of Title Report by Domsons Title Search Inc., as of February 15, 2021;*
- *Technical Standards and Safety Authority (TSSA) Fuel Safety Branch;*
- *Catalogue of Canadian Fire Insurance Plans 1875-1975;*
- *National Pollutant Release Inventory information maintained by Environment Canada;*
- *National PCB Inventory, April 2000, information maintained by Environment Canada; or Ontario Inventory of PCB Storage Sites, October 2004;*
- *Inventory of Coal Gasification Plant Waste Sites in Ontario, MOE, April 1987;*
- *2002 MOE Regulation 347 Public Information Data Set and the MOE's Hazardous Waste Information Network (HWIN);*
- *Waste Disposal Site Inventories, MOE, June 1991;*
- *Ontario Environmental Site Registry;*
- *Google Earth Maps;*
- *Toporama;*
- *Environmental Risk Information Services Ltd., dated February 9, 2021;*
- *Opta Information Intelligence (Opta) – Enviroscan Fire Insurance Plans Report, Aerial Photographs 1951 and 1970;*
- *Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV;*
- *Ontario Geological Survey 2011. Bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1;*
- *Phase II ESA, 3455 Hawthorne Road, Ottawa, ON, dated July 9, 2019, prepared by Fisher Environmental Ltd., prepared for Dymon Group of Companies.*

10. QUALIFICATIONS OF THE ASSESSOR

As a Qualified Person who conducts and supervises Phase I ESAs, Mr. David Fisher, president of Fisher Environmental Ltd., is a senior Managerial and Environmental Engineering Specialist with over 30 years of progressive, innovative experience in the Petrochemical and Environmental Engineering Industry. Mr. Fisher is responsible for the development and management of a progressive environmental consulting engineering company specializing in environmental site assessments and remediation, geotechnical and hydrogeological investigations, tank removals, PCB waste treatment, land reclamation, recycling, hazardous waste disposal, and associated laboratory analytical practices.

Fisher Environmental Ltd. has been established as a team of engineers and consultants since 1989, and continues to develop a strong, wide client base. The company is staffed with personnel holding graduate or postgraduate qualifications at the Markham headquarters, as well as specialist associates offering a broad range of expertise and knowledge in environmental consulting. With a background in the petroleum industry, extensive experience has been gained in the prevention and cleanup of contamination in air, water and soil.

11. LIMITATIONS

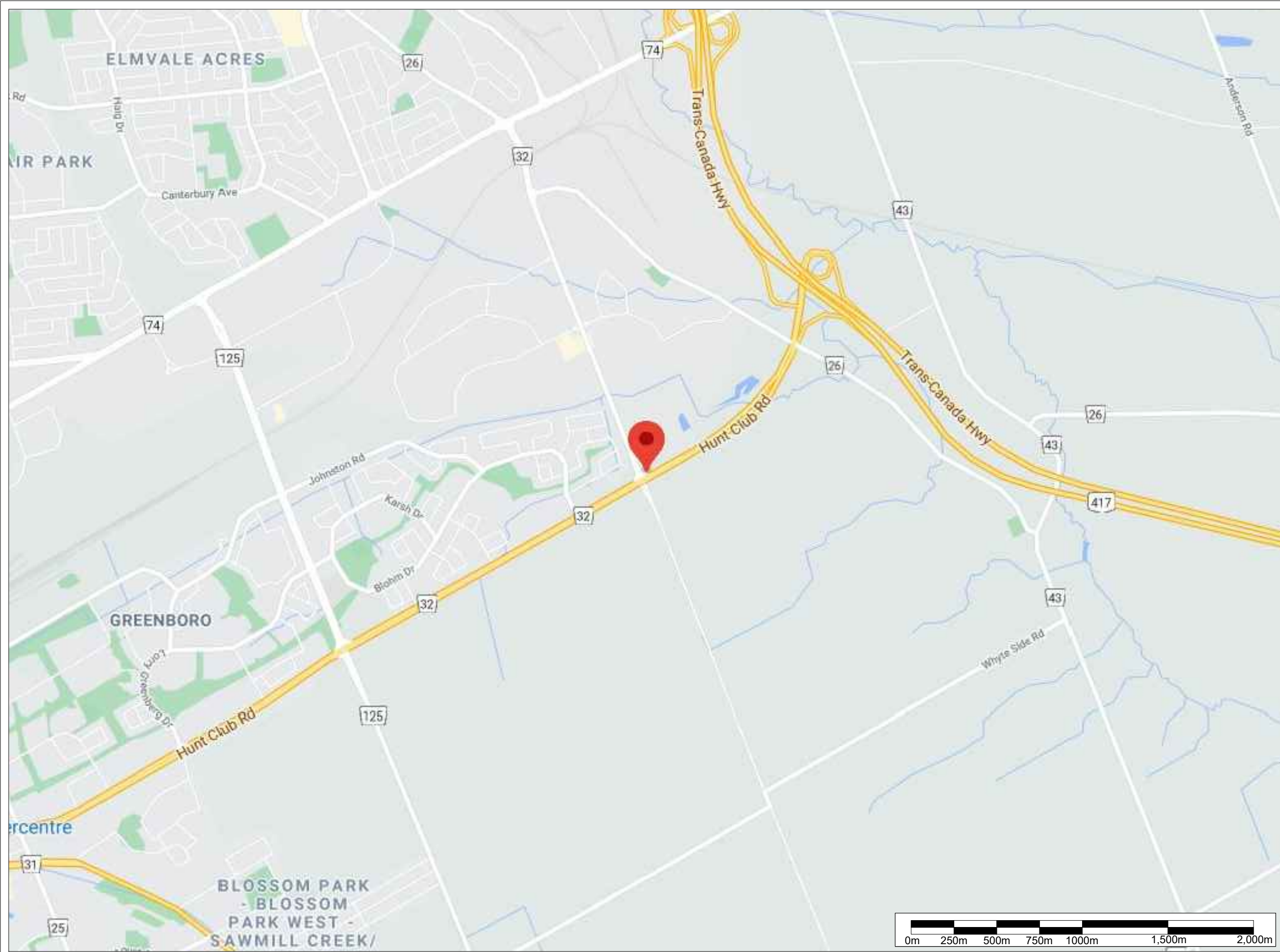
This report was prepared for use by Dymon Group of Companies, and is based on the work as described in the Scope of Work. The conclusions presented in this report reflect existing Site conditions within the scope of this assignment.

Some information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to consult alternative sources of information, in certain cases Fisher Environmental Ltd. has been required to assume that the information provided is accurate. The findings and conclusions presented in this report are based predominately on interpretation of data obtained from visual observations, records review and subsurface investigations at publicly accessible areas, as conducted. Considering the uncertainties or absence of information noted in the report, there is no warranty, expressed or implied, by Fisher Environmental that this assessment has identified all Potential Contaminating Activities or Contaminants of Potential Concern at the phase one study area, or that the subject site is free from any and all contamination from past or current practices other than that noted, nor that all issues of environmental compliance have been addressed.

No investigation method can eliminate the possibility of obtaining partially imprecise or incomplete information; it can only reduce the possibility to an acceptable level. Professional judgment was exercised in gathering and analyzing the information obtained and the formulation of the conclusions and recommendations. Like all professional persons rendering advice, we do not act as absolute insurers of the conclusions reached, but commit ourselves to care and competence in reaching those conclusions. No warranty, whether expressed or implied, is included or intended in this report.

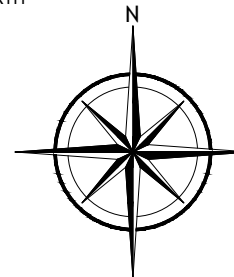
The scope of services performed may not be appropriate for the purposes of any other users. This report should not be used in contexts other than pertaining to the evaluation of the property at the current time. Written authorization must be obtained from Fisher Environmental Ltd. prior to use by any other parties, or any future use of this document or its findings, conclusions, or recommendations represented herein. Any use that a third party makes of this report, or any reliance on or decisions made on the basis of it, are the responsibility of the third party. Fisher Environmental Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

APPENDIX A – SITE LOCATION MAP, SITE PLAN & SITE PHOTOGRAPHS



400 Esna Park Dr., #15 Tel: 905 475-7755
 Markham, Ontario Fax: 905 475-7718
 L3R 3K2

NORTH



LEGEND

PROJECT NAME AND ADDRESS

PHASE I RSC

3455 Hawthorne Road,
 Ottawa, ON

FIGURE A:

SITE LOCATION MAP

PROJECT NO.

FE-P 21-10966

DATE

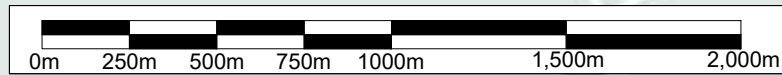
25 February 2021

SCALE

AS SHOWN

SHEET NO.

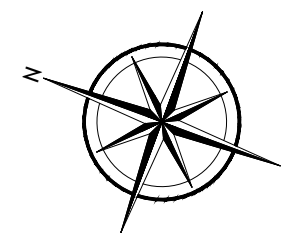
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 L3R 3K2

NORTH



LEGEND

- PHASE I PROPERTY
- BUILDING FOOTPRINT

PROJECT NAME AND ADDRESS

PHASE I RSC

3455 Hawthorne Road,
 Ottawa, ON

FIGURE B:

SITE PLAN

PROJECT NO.
 FE-P 21-10966

DATE
 25 February 2021

SCALE
 AS SHOWN

SHEET NO.

B

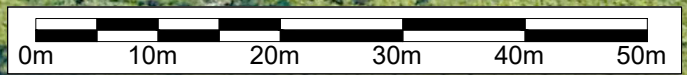




Photo 1: View of the vacant Site, looking northwest



Photo 2: View of the northern portion of the Site, looking east



Photo 3: View of the temporary building located at the Site



Photo 4: View of the southern portion of the Site, looking east



Photo 5: View of the Esso Service Station located southwest of the Site



Photo 6: View of the Ultramar Service Station located south of the Site



Photo 7: View of the Residential Dwellings located west of the Site



Photo 8: View of the Industrial/Commercial buildings located east of the Site

APPENDIX B – ERIS REPORT, TITLE SEARCH DOCUMENTATION & OTHER SOURCE INFORMATION



DATABASE REPORT

Project Property: *FE-21-10966
3455 Hawthorne Road
Ottawa ON K1G 4G2*

Project No:

Report Type: *Standard Express Report*

Order No: *21020900110*

Requested by: *Fisher Environmental*

Date Completed: *February 9, 2021*

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Executive Summary

Property Information:

Project Property: FE-21-10966
3455 Hawthorne Road Ottawa ON K1G 4G2

Project No:

Coordinates:

Latitude: 45.3757503
Longitude: -75.5972571
UTM Northing: 5,024,866.35
UTM Easting: 453,235.70
UTM Zone: 18T

Elevation: 265 FT
80.88 M

Order Information:

Order No: 21020900110
Date Requested: February 9, 2021
Requested by: Fisher Environmental
Report Type: Standard Express Report

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	1	1
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	2	2
CA	<i>Certificates of Approval</i>	Y	0	9	9
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	1	1
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	3	3
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	4	4
ECA	<i>Environmental Compliance Approval</i>	Y	0	6	6
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	7	7
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	2	2
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	11	11
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	1	1
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	1	31	32
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	8	8
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	1	1
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	1	1
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	6	6
SPL	<i>Ontario Spills</i>	Y	0	5	5
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	1	1
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	1	1
WWIS	<i>Water Well Information System</i>	Y	0	15	15
Total:			1	119	120

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
3	GEN	T I P DIV. G E CAPITAL CANADA INC.	3455 HAWTHORNE ROAD OTTAWA ON K1G 3N4	SSW/44.0	0.31	34

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 5 con 6 ON <i>Well ID:</i> 1502310	ENE/29.5	0.00	34
2	BORE		ON	ENE/29.6	0.00	37
4	WWIS		lot 5 con 6 ON <i>Well ID:</i> 1502309	ESE/78.7	0.00	38
5	ECA	DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ESE/90.6	0.00	41
5	ECA	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE/90.6	0.00	41
5	ECA	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE/90.6	0.00	41
5	ECA	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE/90.6	0.00	42
6	CA	DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	ENE/92.9	-1.00	42
6	SCT	DEW Engineering & Development	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE/92.9	-1.00	42
6	SCT	Dew Engineering & Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE/92.9	-1.00	42
6	CA	DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	ENE/92.9	-1.00	43
6	CA		3429 Hawthorne Road Ottawa ON K1G 4G2	ENE/92.9	-1.00	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	CA		3429 Hawthorne Road Ottawa ON K1G 4G2	ENE/92.9	-1.00	43
6	EBR	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa Ontario CITY OF OTTAWA ON	ENE/92.9	-1.00	44
6	GEN	DEW ENGINEERING & DEVELOPMENT LTD	3429 HAWTHORNE RD. OTTAWA ON K1G 4G2	ENE/92.9	-1.00	44
6	GEN	DEW ENGINEERING & DEVELOPMENT LTD.12-213	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	44
6	GEN	DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	45
6	GEN	DEW ENGINEERING AND DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	46
6	GEN	DEW ENGINEERING AND DEVELOPMENT LTD.	3429 hAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	47
6	CONV	DEW ENGINEERING & DEVELOPMENT LIMITED	OTTAWA ON	ENE/92.9	-1.00	48
6	NPRI	DEW ENGINEERING AND DEVELOPMENT LIMITED	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	49
6	EBR	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa Ontario Ottawa ON	ENE/92.9	-1.00	50
6	EHS		3429 Hawthorne Road Ottawa ON K1G 4G2	ENE/92.9	-1.00	50
6	EBR	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa CITY OF OTTAWA ON	ENE/92.9	-1.00	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	SPL	DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE/92.9	-1.00	51
6	SPL	Navastar<UNOFFICIAL>	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE/92.9	-1.00	51
6	NPRI	DEW ENGINEERING AND DEVELOPMENT LIMITED	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	52
6	CA	DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE/92.9	-1.00	53
6	CA	DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE/92.9	-1.00	53
6	NPRI	DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	53
6	NPRI	DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	54
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	55
6	NPRI	DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	56
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	57
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	58
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	60
6	NPRI	DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON	ENE/92.9	-1.00	62
6	NPRI	DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE/92.9	-1.00	63
6	EHS		3429 Hawthorne Rd Ottawa ON K1G4G2	ENE/92.9	-1.00	64
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	64
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	65
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	66
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	68
6	GEN	DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE/92.9	-1.00	69
6	SPL	DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON NA	ENE/92.9	-1.00	71
6	EBR	DEW Engineering and Development ULC	3429 Hawthorne Road Ottawa, ON K1G 4G2 Canada ON	ENE/92.9	-1.00	71
7	WWIS		3467 HAWTHORNE RD OTTAWA ON Well ID: 7192353	S/92.9	1.00	72
8	WWIS		3429 HAWTHORNE ROAD Ottawa ON Well ID: 7115788	ENE/96.0	-0.68	75
9	EHS		Hawthorne Road (3467?) Ottawa ON	SSE/121.1	0.86	89

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	RSC	2028473 Ontario Inc.	3467 Hawthorne Road, Ottawa, Ontario ON	SSE/121.1	0.86	89
9	EHS		3467 Hawthorne Rd Ottawa ON	SSE/121.1	0.86	90
9	GEN	Parkland Fuel Corporation	3467, Hawthorne Road Ottawa ON K1G4G2	SSE/121.1	0.86	90
10	WWIS		lot 5 con 6 ON Well ID: 1502311	NNW/128.1	0.00	90
11	BORE		ON	NNW/128.3	0.00	93
12	WWIS		ON Well ID: 7167023	SW/129.1	1.00	94
13	ECA	CST Canada Co.	3467 Hawthorne Rd Ottawa ON H3B 0C9	ESE/129.9	0.00	95
13	FST	PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE/129.9	0.00	95
13	FST	PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE/129.9	0.00	96
13	FST	PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE/129.9	0.00	96
13	FST	PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE/129.9	0.00	97
13	FST		3467 HAWTHORNE RD OTTAWA ON K1G 4G2	ESE/129.9	0.00	98

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	RST	ULTRAMAR	3467 HAWTHORNE RD OTTAWA ON K1G4G2	ESE/129.9	0.00	98
14	NPRI	DEW ENGINEERING AND DEVELOPMENT	3429 Hawthorne Road Ottawa ON K1G4G2	NE/130.8	-1.00	98
15	WWIS		3419 HAWTHORNE RD OTTAWA ON Well ID: 7302168	N/134.6	-1.03	101
16	WWIS		3467 HAWTHORNE RD Ottawa ON Well ID: 7201536	SSE/138.8	1.00	104
17	WWIS		3419 HAWTHORNE RD OTTAWA ON Well ID: 7302167	N/142.6	-1.03	105
18	RSC	Imperial Oil Limited	3500 Hawthorne Road, Ottawa, Ontario, K1G 3W9 ON K1G 3W9	SSW/153.8	1.00	109
18	GEN	Imperial Oil Limited	3500 Hawthorne Road Ottawa ON	SSW/153.8	1.00	109
19	WWIS		3500 HAWTHORN AVE OTTAWA ON Well ID: 7300866	SW/154.2	1.00	109
20	EHS		3500 Hawthorne Rd Ottawa ON K1G6A6	SSW/156.5	1.00	112
21	WWIS		3467 HAWTHORNE RD Ottawa ON Well ID: 7201537	SE/158.3	1.00	112
22	ECA	2520333 Ontario Inc.	3500 Hawthorne Road Ottawa ON K1G 6A6	SSW/159.5	1.31	114
22	FST		3500 HAWTHORNE RD OTTAWA ON K1G 4G2	SSW/159.5	1.31	114
22	FST	2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA	SSW/159.5	1.31	115

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			ON			
22	FST	2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	SSW/159.5	1.31	115
22	FST	2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	SSW/159.5	1.31	116
23	WWIS		3500 HATHORN AVE OTTAWA ON Well ID: 7300864	SSW/160.3	1.31	116
24	EXP	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N/166.3	-1.00	119
24	EXP	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N/166.3	-1.00	120
24	GEN	AGF STEEL INC. OTTAWA DIVISION	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/166.3	-1.00	120
24	FST	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N/166.3	-1.00	120
24	FST	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N/166.3	-1.00	121
25	EHS		3500 Hawthorne Road Ottawa ON	SSW/168.0	1.31	121
26	WWIS		3419 HAWTHORNE ROAD Ottawa ON Well ID: 7302166	N/172.0	-1.00	121
27	OOGW	Consumers' #8281	Gloucester ON Licence No: F019786	NNW/178.7	0.00	125

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
28	PRT	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N/180.2	-1.00	125
28	SCT	RAYMOND STEEL LIMITED	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N/180.2	-1.00	126
28	SCT	RAYMOND REBAR INC.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N/180.2	-1.00	126
28	SCT	AGF-Ramond Rebar Inc.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N/180.2	-1.00	126
28	GEN	RAYMOND STEEL LTD.	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	127
28	GEN	RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	127
28	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	127
28	SCT	AGF-Raymond Rebar Inc.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N/180.2	-1.00	128
28	FSTH	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N/180.2	-1.00	128
28	DTNK	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N/180.2	-1.00	128
28	DTNK	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N/180.2	-1.00	129
28	DTNK	RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N/180.2	-1.00	129
28	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	129

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>28</u>	EHS		3419 Hawthorne Road Ottawa ON K1G 4G2	N/180.2	-1.00	<u>130</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>130</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>130</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>131</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON	N/180.2	-1.00	<u>131</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>132</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>132</u>
<u>28</u>	GEN	AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>133</u>
<u>28</u>	GEN	AGF STEEL INC. OTTAWA DIVISION	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N/180.2	-1.00	<u>133</u>
<u>29</u>	WWIS		lot 5 con 5 ON <i>Well ID:</i> 7179385	SSW/180.7	1.31	<u>133</u>
<u>30</u>	WWIS		3500 HAWTHORN AVE OTTAWA ON <i>Well ID:</i> 7300865	SSW/184.5	1.93	<u>134</u>
<u>31</u>	CA	City of Ottawa	Hunt Club Road and Hawthorne Road Ottawa ON	S/192.5	1.75	<u>137</u>
<u>31</u>	CA	City of Ottawa	Hunt Club Road and Hawthorne Road Ottawa ON	S/192.5	1.75	<u>137</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
31	SPL	City of Ottawa	corner of Hunt Club and Hawthorne Ottawa ON	S/192.5	1.75	137
31	SPL	City of Ottawa	Intersection of Hawthorne Rd. & Hunt Club Rd. Ottawa ON	S/192.5	1.75	138
32	WDS		GLOUCESTER ON	NE/231.8	-1.95	138
33	WDSH		PT 5 6 GLOUCESTER ON	NE/232.1	-1.95	139
34	CA	City of Ottawa	3485 Hawthorne Rd Ottawa ON	S/232.9	1.69	139
35	ANDR	Hawthorne Quarry Dump	Gloucester ON K1G 3N4	NE/248.4	-2.00	140

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hawthorne Quarry Dump	Gloucester ON K1G 3N4	NE	248.35	35

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ENE	29.58	2
	ON	NNW	128.26	11

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Hunt Club Road and Hawthorne Road Ottawa ON	S	192.50	31
City of Ottawa	Hunt Club Road and Hawthorne Road Ottawa ON	S	192.50	31
City of Ottawa	3485 Hawthorne Rd Ottawa ON	S	232.95	34

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE	92.92	6
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE	92.92	6
DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE	92.92	6
	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	ENE	92.92	6

CONV - Compliance and Convictions

A search of the CONV database, dated 1989-Nov 2020 has found that there are 1 CONV site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW ENGINEERING & DEVELOPMENT LIMITED	OTTAWA ON	ENE	92.92	6

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Jul 31, 2020 has found that there are 3 DTNK site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N	180.24	28
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N	180.24	28

RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON	N	180.24	28
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EBR - Environmental Registry

A search of the EBR database, dated 1994-Dec 31, 2020 has found that there are 4 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa Ontario CITY OF OTTAWA ON	ENE	92.92	6
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa CITY OF OTTAWA ON	ENE	92.92	6
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa Ontario Ottawa ON	ENE	92.92	6
DEW Engineering and Development ULC	3429 Hawthorne Road Ottawa, ON K1G 4G2 Canada ON	ENE	92.92	6

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE	90.58	5
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE	90.58	5
DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ESE	90.58	5
DEW Engineering and Development Limited	3429 Hawthorne Road Ottawa ON K1G 4G2	ESE	90.58	5

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CST Canada Co.	3467 Hawthorne Rd Ottawa ON H3B 0C9	ESE	129.89	13
2520333 Ontario Inc.	3500 Hawthorne Road Ottawa ON K1G 6A6	SSW	159.47	22

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Hawthorne Road (3467?) Ottawa ON	SSE	121.05	9
	3467 Hawthorne Rd Ottawa ON	SSE	121.05	9
	3500 Hawthorne Rd Ottawa ON K1G6A6	SSW	156.54	20
	3500 Hawthorne Road Ottawa ON	SSW	168.02	25

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE	92.92	6
	3429 Hawthorne Rd Ottawa ON K1G4G2	ENE	92.92	6
	3419 Hawthorne Road Ottawa ON K1G 4G2	N	180.24	28

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 2 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N	166.29	<u>24</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N	166.29	<u>24</u>

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 11 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE	129.89	<u>13</u>
PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE	129.89	<u>13</u>
PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE	129.89	<u>13</u>
PARKLAND FUEL CORPORATION	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	ESE	129.89	<u>13</u>
	3467 HAWTHORNE RD OTTAWA ON K1G 4G2	ESE	129.89	<u>13</u>
	3500 HAWTHORNE RD OTTAWA ON K1G 4G2	SSW	159.47	<u>22</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	SSW	159.47	22
2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	SSW	159.47	22
2520333 ONTARIO INC	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	SSW	159.47	22

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N	166.29	24
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	N	166.29	24

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 1 FSTH site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N	180.24	28

GEN - Ontario Regulation 347 Waste Generators Summary

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
T I P DIV. G E CAPITAL CANADA INC.	3455 HAWTHORNE ROAD OTTAWA ON K1G 3N4	SSW	43.96	3

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Parkland Fuel Corporation	3467, Hawthorne Road Ottawa ON K1G4G2	SSE	121.05	<u>9</u>
Imperial Oil Limited	3500 Hawthorne Road Ottawa ON	SSW	153.80	<u>18</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW ENGINEERING & DEVELOPMENT LTD	3429 HAWTHORNE RD. OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING & DEVELOPMENT LTD.12-213	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING & DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT LTD.	3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT LTD.	3429 hAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>

DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
DEW ENGINEERING AND DEVELOPMENT ULC	3429 HAWTHORNE RD OTTAWA ON K1G 4G2	ENE	92.92	<u>6</u>
AGF STEEL INC. OTTAWA DIVISION	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	166.29	<u>24</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>
RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	<u>28</u>

AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON	N	180.24	28
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	28
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	28
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	28
AGF STEEL INC. OTTAWA DIVISION	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	28
AGF RAYMOND REBAR INCORPORATED	3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	N	180.24	28

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW ENGINEERING AND DEVELOPMENT LIMITED	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING AND DEVELOPMENT LIMITED	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6

DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING & DEVELOPMENT ULC	3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	ENE	92.92	6
DEW ENGINEERING AND DEVELOPMENT	3429 Hawthorne Road Ottawa ON K1G4G2	NE	130.82	14

OOGW - Ontario Oil and Gas Wells

A search of the OOGW database, dated 1800-Jun 2020 has found that there are 1 OOGW site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Consumers' #8281	Gloucester ON <i>Licence No:</i> F019786	NNW	178.73	27

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RAYMOND STEEL LTD.	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N	180.24	28

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2020 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2028473 Ontario Inc.	3467 Hawthorne Road, Ottawa, Ontario ON	SSE	121.05	9

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Imperial Oil Limited	3500 Hawthorne Road, Ottawa, Ontario, K1G 3W9 ON K1G 3W9	SSW	153.80	18

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Dec 31, 2020 has found that there are 1 RST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ULTRAMAR	3467 HAWTHORNE RD OTTAWA ON K1G4G2	ESE	129.89	13

SCT - 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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW Engineering & Development	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE	92.92	6
Dew Engineering & Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE	92.92	6
RAYMOND REBAR INC.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N	180.24	28
AGF-Ramond Rebar Inc.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N	180.24	28
RAYMOND STEEL LIMITED	3419 HAWTHORNE RD OTTAWA ON K1G 4G2	N	180.24	28
AGF-Raymond Rebar Inc.	3419 Hawthorne Rd Ottawa ON K1G 4G2	N	180.24	28

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Intersection of Hawthorne Rd. & Hunt Club Rd. Ottawa ON	S	192.50	31
City of Ottawa	corner of Hunt Club and Hawthorne Ottawa ON	S	192.50	31

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON K1G 4G2	ENE	92.92	6
Navistar<UNOFFICIAL>	3429 Hawthorne Road Ottawa ON K1G 4G2	ENE	92.92	6
DEW Engineering and Development Limited	3429 Hawthorne Rd Ottawa ON NA	ENE	92.92	6

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011-Dec 31, 2020 has found that there are 1 WDS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	GLOUCESTER ON	NE	231.78	32

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.25 kilometers of the project property.

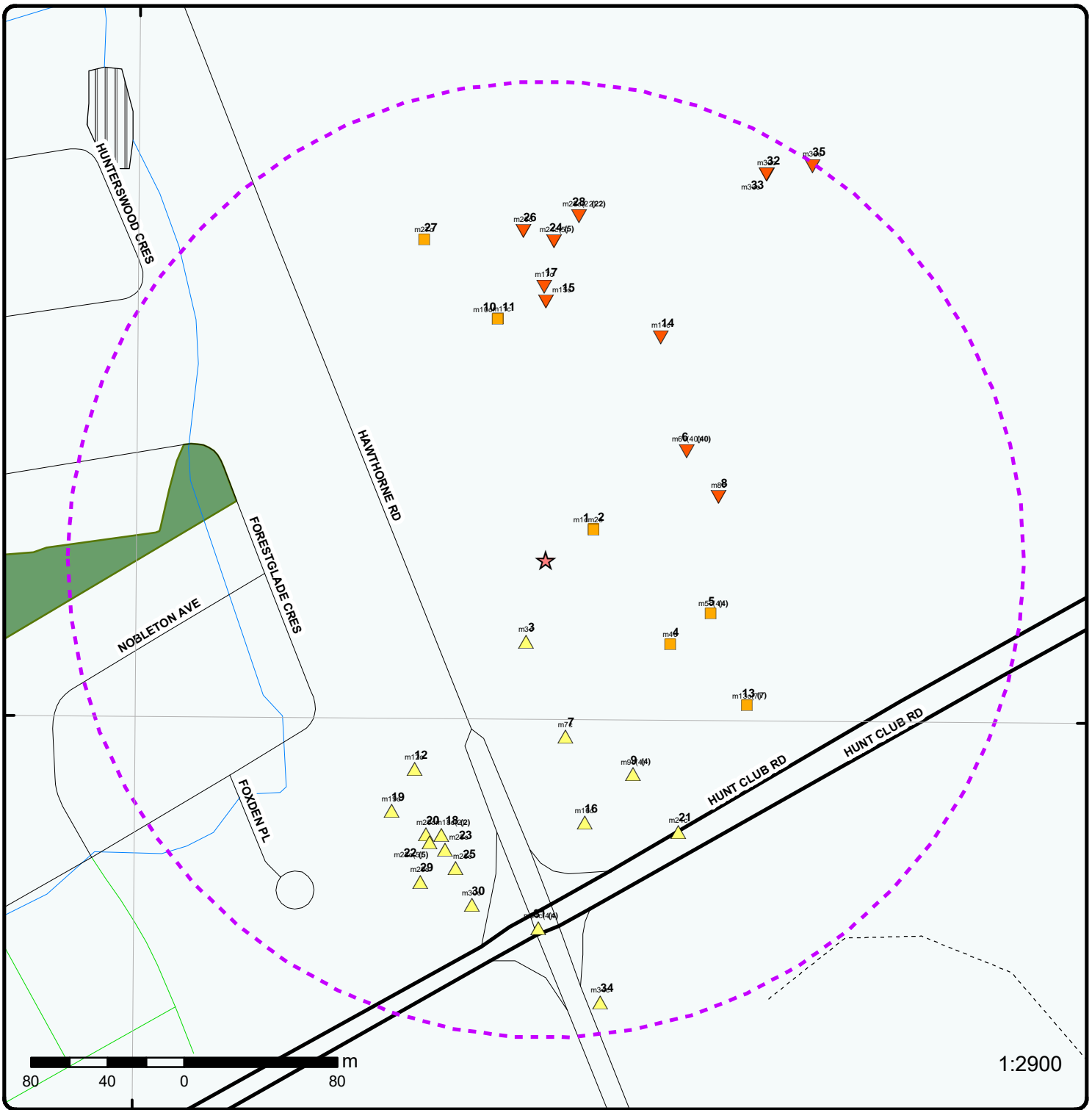
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	PT 5 6 GLOUCESTER ON	NE	232.08	33

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 15 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 5 con 6 ON <i>Well ID:</i> 1502310	ENE	29.49	<u>1</u>
	lot 5 con 6 ON <i>Well ID:</i> 1502309	ESE	78.69	<u>4</u>
	3467 HAWTHORNE RD OTTAWA ON <i>Well ID:</i> 7192353	S	92.93	<u>7</u>
	lot 5 con 6 ON <i>Well ID:</i> 1502311	NNW	128.11	<u>10</u>
	ON <i>Well ID:</i> 7167023	SW	129.14	<u>12</u>
	3467 HAWTHORNE RD Ottawa ON <i>Well ID:</i> 7201536	SSE	138.84	<u>16</u>
	3500 HAWTHORN AVE OTTAWA ON <i>Well ID:</i> 7300866	SW	154.16	<u>19</u>
	3467 HAWTHORNE RD Ottawa ON <i>Well ID:</i> 7201537	SE	158.32	<u>21</u>
	3500 HATHORN AVE OTTAWA ON <i>Well ID:</i> 7300864	SSW	160.27	<u>23</u>
	lot 5 con 5 ON <i>Well ID:</i> 7179385	SSW	180.72	<u>29</u>
	3500 HAWTHORN AVE OTTAWA ON	SSW	184.46	<u>30</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7300865			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3429 HAWTHORNE ROAD Ottawa ON	ENE	96.02	<u>8</u>
	<i>Well ID:</i> 7115788			
	3419 HAWTHORNE RD OTTAWA ON	N	134.65	<u>15</u>
	<i>Well ID:</i> 7302168			
	3419 HAWTHORNE RD OTTAWA ON	N	142.65	<u>17</u>
	<i>Well ID:</i> 7302167			
	3419 HAWTHORNE ROAD Ottawa ON	N	172.04	<u>26</u>
	<i>Well ID:</i> 7302166			



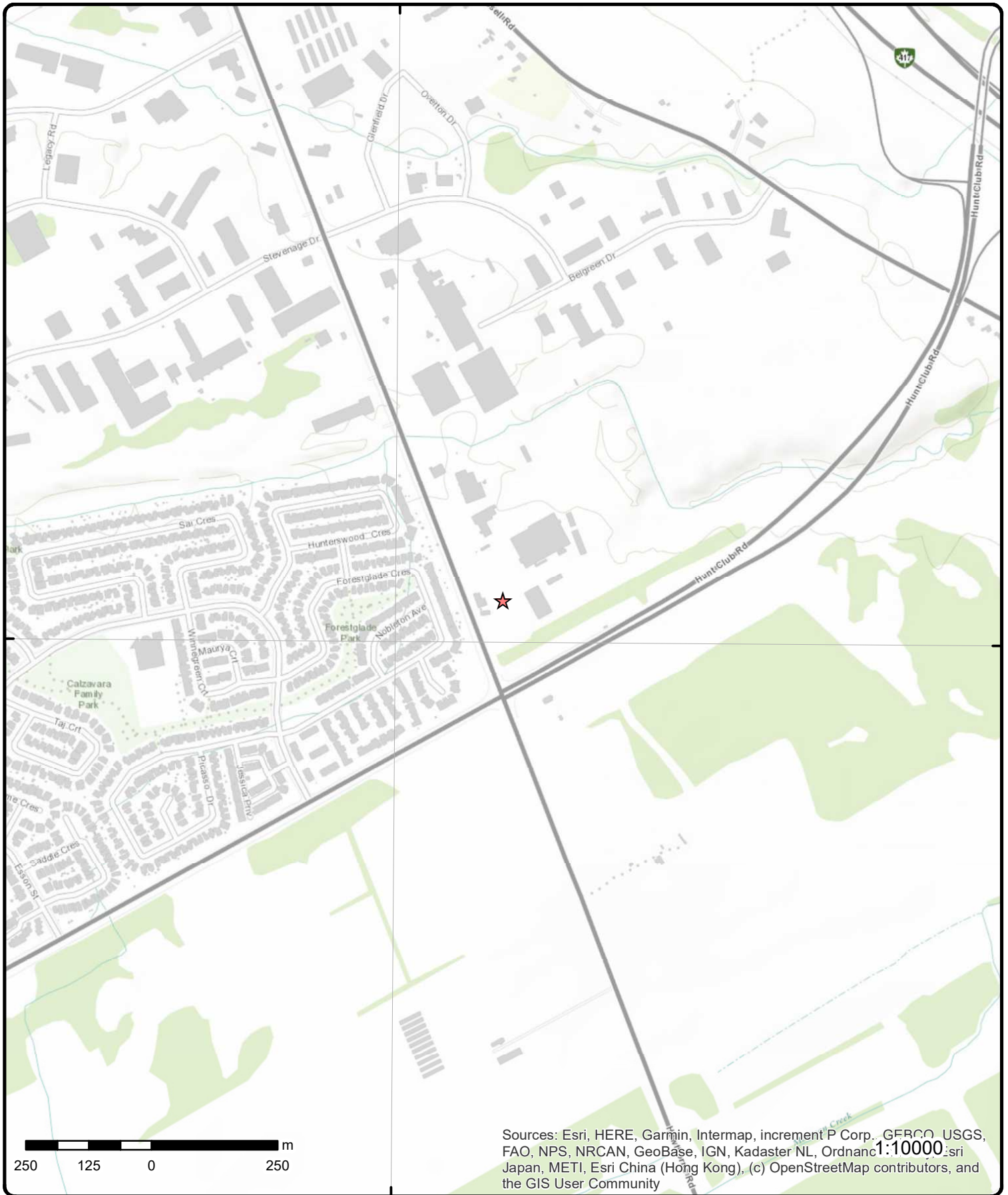
Map : 0.25 Kilometer Radius

Order Number: 21020900110

Address: 3455 Hawthorne Road, Ottawa, ON



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



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Aerial Year: 2015

Address: 3455 Hawthorne Road, Ottawa, ON

Source: ESRI World Imagery

Order Number: 21020900110



© ERIS Information Limited Partnership

75°37'30"W

75°36'W

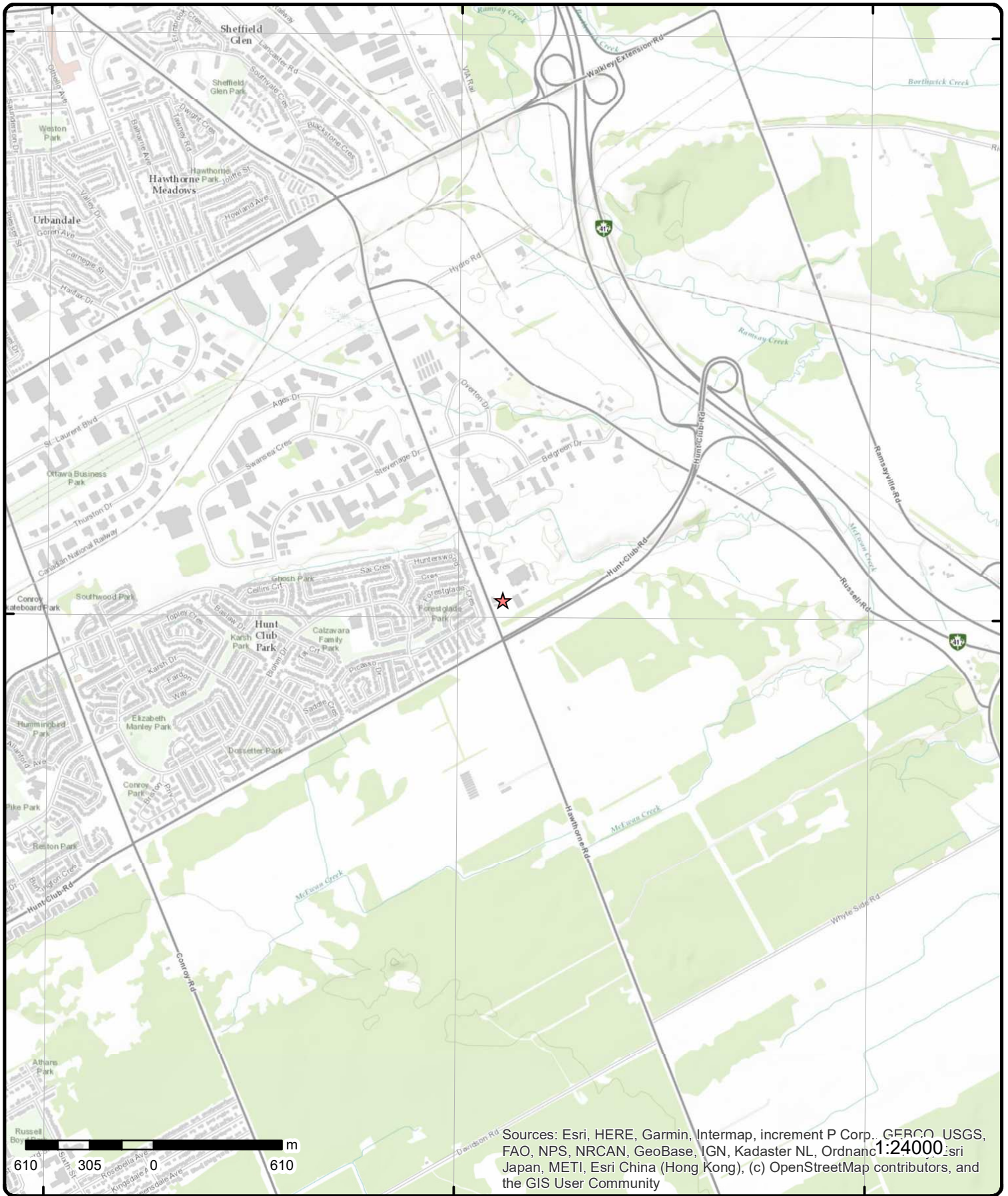
75°34'30"W

45°24'N

45°24'N

45°22'30"N

45°22'30"N



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Topographic Map

Address: 3455 Hawthorne Road, ON

Source: ESRI World Topographic Map

Order Number: 21020900110



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	SSW/44.0	81.2 / 0.31	T I P DIV. G E CAPITAL CANADA INC. 3455 HAWTHORNE ROAD OTTAWA ON K1G 3N4	GEN
Generator No:		ON1904500		PO Box No:	
Status:				Country:	
Approval Years:		94,95,96,97,98,99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		4562			
SIC Description:		USED GOODS MOV./ST.			
Detail(s)					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

1	1 of 1	ENE/29.5	80.9 / 0.00	lot 5 con 6 ON	WWIS
Well ID:		1502310		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Industrial		Date Received: 7/6/1953	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1107	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: GLOUCESTER TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 005	
Well Depth:				Concession: 06	
Overburden/Bedrock:				Concession Name: RF	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502310.pdf			

Bore Hole Information

Bore Hole ID:	10024353	Elevation:	82.995445
DP2BR:	4	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	453260.7
Code OB Desc:	Bedrock	North83:	5024882
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	4/14/1953	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9

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

Overburden and Bedrock
Materials Interval

Formation ID: 930994177
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930994179
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6
Formation End Depth: 396
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930994178
Layer: 2
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961502310

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10572923				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930041486				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	396				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930041485				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	12				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991502310				
Pump Set At:					
Static Level:	6				
Final Level After Pumping:	200				
Recommended Pump Depth:					
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	4				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933455091				
Layer:	3				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	200				
Water Found Depth UOM:	ft				

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

Water ID: 933455090
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 120
 Water Found Depth UOM: ft

Water Details

Water ID: 933455089
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 65
 Water Found Depth UOM: ft

<u>2</u>	1 of 1	ENE/29.6	80.9 / 0.00	ON	BORE
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Borehole ID: 614865	Inclin FLG: No
OGF ID: 215515807	SP Status: Initial Entry
Status:	Surv Elev: No
Type: Borehole	Piezometer: No
Use:	Primary Name:
Completion Date: APR-1953	Municipality:
Static Water Level: 7.5	Lot:
Primary Water Use:	Township:
Sec. Water Use:	Latitude DD: 45.375894
Total Depth m: 120	Longitude DD: -75.596939
Depth Ref: Ground Surface	UTM Zone: 18
Depth Elev:	Easting: 453261
Drill Method:	Northing: 5024882
Orig Ground Elev m: 82.3	Location Accuracy:
Elev Reliabil Note:	Accuracy: Not Applicable
DEM Ground Elev m: 83	
Concession:	
Location D:	
Survey D:	
Comments:	

Borehole Geology Stratum

Geology Stratum ID: 218399569	Mat Consistency:
Top Depth: 1.8	Material Moisture:
Bottom Depth: 120	Material Texture:
Material Color: Grey	Non Geo Mat Type:
Material 1: Shale	Geologic Formation:
Material 2:	Geologic Group:
Material 3:	Geologic Period:
Material 4:	Depositional Gen:
Gsc Material Description:	
Stratum Description:	SHALE. GREY. GREY. 00254. STABLE AT 245.3 FEET. SEISMIC VELOCITY = 13500. 00000 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218399567	Mat Consistency:
Top Depth: 0	Material Moisture:
Bottom Depth: 1.2	Material Texture:
Material Color:	Non Geo Mat Type:
Material 1: Clay	Geologic Formation:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Soil			Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218399568 1.2 1.8 Black Shale	CLAY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA2.txt RecordID: 07373 NTS_Sheet:					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
<u>4</u>	1 of 1	ESE/78.7	80.9 / 0.00	lot 5 con 6 ON	WWIS
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:	1502309 Domestic 0 Water Supply			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 11/28/1952 Yes 1107 1 OTTAWA GLOUCESTER TOWNSHIP 005 06 RF
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502309.pdf					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10024352			Elevation:	83.406272
DP2BR:	2			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	453300.7
Code OB Desc:	Bedrock			North83:	5024822
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/24/1952			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930994174				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930994175				
Layer:	2				
Color:	8				
General Color:	BLACK				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	2				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930994176				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		53			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961502309			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10572922			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930041484			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		53			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930041483			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991502309			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		53			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN: Flowing:		0 No			
<u>Water Details</u>					
Water ID:		933455088			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53			
Water Found Depth UOM:		ft			
5	1 of 4	ESE/90.6	80.9 / 0.00	DEW Engineering and Development Limited 3429 Hawthorne Rd Ottawa ON K1G 4G2	ECA
Approval No:		9744-7ZTT2T		MOE District:	Ottawa
Approval Date:		2010-07-02		City:	
Status:		Approved		Longitude:	-75.596504
Record Type:		ECA		Latitude:	45.376259999999995
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		3429 Hawthorne Rd			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/3719-7L2PZJ-14.pdf			
5	2 of 4	ESE/90.6	80.9 / 0.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa ON K1G 4G2	ECA
Approval No:		5780-4MEQWQ		MOE District:	Ottawa
Approval Date:		2002-05-09		City:	
Status:		Revoked and/or Replaced		Longitude:	-75.596504
Record Type:		ECA		Latitude:	45.376259999999995
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		3429 Hawthorne Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/7871-4L2KHX-14.pdf			
5	3 of 4	ESE/90.6	80.9 / 0.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa ON K1G 4G2	ECA
Approval No:		1868-6LVS3G		MOE District:	Ottawa
Approval Date:		2006-11-30		City:	
Status:		Revoked and/or Replaced		Longitude:	-75.596504
Record Type:		ECA		Latitude:	45.376259999999995
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		3429 Hawthorne Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/7149-5ZTSTB-14.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	4 of 4	ESE/90.6	80.9 / 0.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa ON K1G 4G2	ECA
Approval No: 1527-59YNDB Approval Date: 2002-05-09 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 3429 Hawthorne Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4527-56WJ9V-14.pdf		MOE District: Ottawa City: Longitude: -75.596504 Latitude: 45.376259999999995 Geometry X: Geometry Y:			
6	1 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LTD. 3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	CA
Certificate #: 8-4134-92- Application Year: 92 Issue Date: 11/27/1992 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: DEVILBISS DOWNDRAFT PAINT SPRAY BOOTH Contaminants: N-Butyl Acetate, Methyl Isobutyl Ketone, Methyl Ethyl Ketone (Butanone), Toluene(Pentyl Methane)(Methyl Benzene), Propylene Glycolmonomethyl Ether Acetate,P.M.Ace., Ethylene Glycol Ethyl Ether (Cellosolve), Diethylenetriamine, Chlorodifluoromethane (Freon 22), Whey Powder Emission Control: Other Wet Collector,					
6	2 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering & Development 3429 Hawthorne Rd Ottawa ON K1G 4G2	SCT
Established: 01-AUG-78 Plant Size (ft²): 75000 Employment:					
--Details-- Description: All Other Miscellaneous Fabricated Metal Product Manufacturing SIC/NAICS Code: 332999 Description: Other Transportation Equipment Manufacturing SIC/NAICS Code: 336990					
6	3 of 40	ENE/92.9	79.9 / -1.00	Dew Engineering & Development Limited 3429 Hawthorne Rd Ottawa ON K1G 4G2	SCT
Established: 1978 Plant Size (ft²): 75000 Employment: 300					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Aerospace Product and Parts Manufacturing			
SIC/NAICS Code:		336410			
<u>6</u>	4 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LTD. 3429 HAWTHORNE ROAD OTTAWA CITY ON K1G 4G2	CA
Certificate #:		8-4134-95-006			
Application Year:		95			
Issue Date:		10/3/95			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		AUTOMATIC PAINT SPRAYING LINE			
Contaminants:		Toluene(Pentyl Methane)(Methyl Benzene), Methyl Ethyl Ketone (Butanone), Acetone, Xylene, Ethyl Acetate			
Emission Control:					
<u>6</u>	5 of 40	ENE/92.9	79.9 / -1.00	3429 Hawthorne Road Ottawa ON K1G 4G2	CA
Certificate #:		5780-4MEQWQ			
Application Year:		02			
Issue Date:		5/9/02			
Approval Type:		Industrial air			
Status:		Revoked and/or Replaced			
Application Type:		Amended CofA			
Client Name:		Dew Engineering And Development Limited			
Client Address:		3429 Hawthorne Road			
Client City:		Ottawa			
Client Postal Code:		K1G 4G2			
Project Description:		This application is for emissions to atmosphere from one semi down-draft spray booth equipped with one 12,500 cfm exhaust fan and an air make-up unit used to apply two-component polyurethane paint along with associated primers on fabricated metal products.			
Contaminants:					
Emission Control:					
<u>6</u>	6 of 40	ENE/92.9	79.9 / -1.00	3429 Hawthorne Road Ottawa ON K1G 4G2	CA
Certificate #:		1527-59YNDB			
Application Year:		02			
Issue Date:		5/9/02			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:		Amended CofA			
Client Name:		DEW Engineering and Development Limited			
Client Address:		3429 Hawthorne Road			
Client City:		Ottawa			
Client Postal Code:		K1G 4G2			
Project Description:		Paint Spray Booth #1 Replacement with a unit of the same capacity.			
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	7 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa Ontario CITY OF OTTAWA ON	EBR

EBR Registry No: IA00E0952
Ministry Ref No: 7871-4L2KHX
Notice Type: Instrument Decision
Notice Stage: 800476728
Notice Date: July 27, 2000
Proposal Date: June 06, 2000
Year: 2000
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: DEW Engineering and Development Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3429 Hawthorne Road, Ottawa Ontario, K1G 4G2
Comment Period:
URL:

Site Location Details:

3429 Hawthorne Road Ottawa Ontario CITY OF OTTAWA

6	8 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LTD 3429 HAWTHORNE RD. OTTAWA ON K1G 4G2	GEN
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Generator No: ON0827200
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 3049
SIC Description: OTHER STAMPED METAL
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 131
Waste Class Desc: NEUTRALIZED WASTES - HEAVY METALS

6	9 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LTD.12-213 3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
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Generator No: ON0827200
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 3049
SIC Description: OTHER STAMPED METAL
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

<u>6</u>	10 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LTD. 3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	
Approval Years:	97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3049				
SIC Description:	OTHER STAMPED METAL				

Detail(s)

Waste Class:	112			
Waste Class Desc:	ACID WASTE - HEAVY METALS			
Waste Class:	121			
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS			
Waste Class:	131			
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:	145			
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES			
Waste Class:	148			
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS			
Waste Class:	211			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

<u>6</u>	11 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT LTD. 3429 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
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Generator No:	ON0827200	PO Box No:	
Status:		Country:	
Approval Years:	99,00,01	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	3049		
SIC Description:	OTHER STAMPED METAL		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	131
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			

<u>6</u>	12 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT LTD. 3429 hAWTHORNE RD OTTAWA ON K1G 4G2	GEN
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Generator No:	ON0827200	PO Box No:	
Status:		Country:	
Approval Years:	02,03,04,05,06,07,08	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	332118		
SIC Description:	Stamping		

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	131
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			

<u>6</u>	13 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT LIMITED	CONV
				OTTAWA ON	

File No:		Location:	
Crown Brief No:		Region:	EASTERN REGION
Court Location:		Ministry District:	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			
Description:	OPERATION OF SPRAY PAINT BOOTH WITHOUT A C. OF A.		
Background:			
URL:			

Additional Details

Publication Date:	
Count:	1
Act:	EPA
Regulation:	
Section:	8(1)(A)
Act/Regulation/Section:	EPA- -8(1)(A)
Date of Offence:	
Date of Conviction:	
Date Charged:	5/13/93
Charge Disposition:	
Fine:	\$5,000
Synopsis:	

Additional Details

Publication Date:	
Count:	1
Act:	EPA
Regulation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Section:		27(B)			
Act/Regulation/Section:		EPA- -27(B)			
Date of Offence:					
Date of Conviction:					
Date Charged:		5/13/93			
Charge Disposition:					
Fine:		\$5,000			
Synopsis:					

6	14 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT LIMITED 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45551
Other ID:	N			Submit Date:	8/12/2004
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	20885			Contact ID:	179289
Report ID:	156084			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	LINDA
Report Year:	2003			Cont Last Name:	STEVENSON
Not-Current Rpt?:	No			Contact Position:	DIRECTOR, HUMAN RESOURCES AND ADMINISTRATION
Yr of Last Filed Rpt:	2013			Contact Fax:	6137361348
Fac ID:	153410			Contact Ph.:	6137365100
Fac Name:	OTTAWA FACILITY			Cont Area Code:	613
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	37365100
Fac Address2:	NOT AVAILABLE			Contact Ext.:	112
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	613
Facility Lat:	45.3768			Contact Fax:	37361348
Facility Long:	-75.5965			Contact Email:	LSTEVENSON@DEWENGINEERING.COM
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:	300			Waste Streams:	True¿
Parent Co.:	*			No Streams:	
No Parent Co.:	1			Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	True			Shutdown:	True
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	33				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3329				
NAICS 4 Description:	Other fabricated metal product manufacturing				
NAICS Code (6 digit):	332999				
NAICS 6 Description:	All other miscellaneous fabricated metal product manufacturing				

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	24.94

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
<u>6</u>	15 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa Ontario Ottawa ON	EBR
EBR Registry No:		IA04E0956		Decision Posted:	
Ministry Ref No:		7149-5ZTSTB		Exception Posted:	
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		December 06, 2006		Act 2:	
Proposal Date:		June 28, 2004		Site Location Map:	
Year:		2004			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		DEW Engineering and Development Limited			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		3429 Hawthorne Road, Ottawa Ontario, K1G 4G2			
Comment Period:					
URL:					
Site Location Details:					
3429 Hawthorne Road Ottawa Ontario Ottawa					
<u>6</u>	16 of 40	ENE/92.9	79.9 / -1.00	3429 Hawthorne Road Ottawa ON K1G 4G2	EHS
Order No:		20080514046		Nearest Intersection: Hawthorne and Hunt Club	
Status:		C		Municipality: Ottawa	
Report Type:		Complete Report		Client Prov/State: ON	
Report Date:		5/21/2008		Search Radius (km): 0.25	
Date Received:		5/14/2008		X: -75.596506	
Previous Site Name:				Y: 45.375948	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans			
<u>6</u>	17 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa CITY OF OTTAWA ON	EBR
EBR Registry No:		010-5121		Decision Posted:	
Ministry Ref No:		3719-7L2PZJ		Exception Posted:	
Notice Type:		Instrument Decision		Section:	
Notice Stage:		803191322		Act 1:	
Notice Date:		July 08, 2010		Act 2:	
Proposal Date:		November 07, 2008		Site Location Map:	
Year:		2008			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		DEW Engineering and Development Limited			
Site Address:					
Location Other:					
Proponent Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Proponent Address: 3429 Hawthorne Road, Ottawa Ontario, Canada K1G 4G2
Comment Period:
URL:

Site Location Details:

3429 Hawthorne Road Ottawa CITY OF OTTAWA

<u>6</u>	18 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Rd Ottawa ON K1G 4G2	SPL
Ref No:	2507-7X9KCE			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Discharges			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	21			Nearest Watercourse:	
Contaminant Name:	PHOSPHORIC ACID			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	
Nature of Impact:	Other Impact(s)			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	NA
MOE Response:	No Field Response			Easting:	NA
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/28/2009			Site Map Datum:	
Dt Document Closed:	11/10/2009			SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure - Malfunction of system components			Source Type:	
Site Name:	DEW Engineering and Development Ltd.				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Dew Engineering: 5 L spill of Phosphoric acid, cleaned				
Contaminant Qty:	5 L				

<u>6</u>	19 of 40	ENE/92.9	79.9 / -1.00	Navastar<UNOFFICIAL> 3429 Hawthorne Road Ottawa ON K1G 4G2	SPL
Ref No:	2138-7XXK9X			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Discharges			Sector Type:	Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			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:	
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	11/19/2009			Site Map Datum:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt Document Closed:	1/26/2010			SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	Dew Engineering<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Navastar/Dew Eng, 50-100L diesel fuel to soil, clng				
Contaminant Qty:	100 L				

6	20 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT LIMITED 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45551
Other ID:	N			Submit Date:	9/1/2005
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	77925			Contact ID:	179289
Report ID:	164538			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	LINDA
Report Year:	2002			Cont Last Name:	STEVENSON
Not-Current Rpt?:	No			Contact Position:	DIRECTOR, HUMAN RESOURCES AND ADMINISTRATION
Yr of Last Filed Rpt:	2013			Contact Fax:	6137361348
Fac ID:	153410			Contact Ph.:	6137365100
Fac Name:	OTTAWA FACILITY			Cont Area Code:	613
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	37365100
Fac Address2:	NOT AVAILABLE			Contact Ext.:	112
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	613
Facility Lat:	45.3768			Contact Fax:	37361348
Facility Long:	-75.5965			Contact Email:	LSTEVENS@DEWENGINEERING.COM
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:	300			Waste Streams:	No
Parent Co.:	*			No Streams:	No
No Parent Co.:	1			Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	No
Stacks:	No			Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	33				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3329				
NAICS 4 Description:	Other fabricated metal product manufacturing				
NAICS Code (6 digit):	332999				
NAICS 6 Description:	All other miscellaneous fabricated metal product manufacturing				

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	23

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Unit:		tonnes			
Basis of Estimate Cd:		C			
Basis of Estimate Desc:		C- Mass Balance			
<u>6</u>	21 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Road Ottawa ON K1G 4G2	CA
Certificate #:		1868-6LVS3G			
Application Year:		2006			
Issue Date:		11/30/2006			
Approval Type:		Air			
Status:		Revoked and/or Replaced			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>6</u>	22 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Rd Ottawa ON K1G 4G2	CA
Certificate #:		9744-7ZTT2T			
Application Year:		2010			
Issue Date:		7/2/2010			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>6</u>	23 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT ULC 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:		10618		Org ID: 45548	
Other ID:		N		Submit Date: 5/7/2010	
No Other ID:				Last Modified: 5/29/2015 3:28:24 PM	
Track ID:		82511		Contact ID:	
Report ID:		136318		Cont Type:	
Report Type:		NPRI		Contact Title:	
Rpt Type ID:		1		Cont First Name:	
Report Year:		2009		Cont Last Name:	
Not-Current Rpt?:		No		Contact Position:	
Yr of Last Filed Rpt:		2013		Contact Fax:	
Fac ID:		153412		Contact Ph.:	
Fac Name:		DEW OTTAWA		Cont Area Code:	
Fac Address1:		3429 HAWTHORNE ROAD		Contact Tel.:	
Fac Address2:		NOT AVAILABLE		Contact Ext.:	
Fac Postal Zip:		K1G4G2		Cont Fax Area Cde:	
Facility Lat:		45.3761		Contact Fax:	
Facility Long:		-75.5984		Contact Email:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:	Yes			UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:	200			Waste Streams:	No
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	54				
NAICS 2 Description:	Professional, scientific and technical services				
NAICS Code (4 digit):	5413				
NAICS 4 Description:	Architectural, engineering and related services				
NAICS Code (6 digit):	541330				
NAICS 6 Description:	Engineering services				
<u>Substance Release Report</u>					
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Volatile Organic Compounds (VOCs)				
Chem (fr):	Composés organiques volatils (COV)				
Quantity:	13.07				
Unit:	tonnes				
Basis of Estimate Cd:	C				
Basis of Estimate Desc:	C- Mass Balance				
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	Volatile Organic Compounds (VOCs)				
Chem (fr):	Composés organiques volatils (COV)				
Quantity:	.019				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
6	24 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT ULC 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45548
Other ID:	Y			Submit Date:	5/24/2011
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	91473			Contact ID:	
Report ID:	145530			Cont Type:	
Report Type:	DNMC			Contact Title:	
Rpt Type ID:	2			Cont First Name:	
Report Year:	2010			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2013			Contact Fax:	
Fac ID:	153412			Contact Ph.:	
Fac Name:	DEW OTTAWA			Cont Area Code:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	
Facility Lat:	45.3761			Contact Fax:	
Facility Long:	-75.5984			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	0			Waste Streams:	No
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	54				
NAICS 2 Description:	Professional, scientific and technical services				
NAICS Code (4 digit):	5413				
NAICS 4 Description:	Architectural, engineering and related services				
NAICS Code (6 digit):	541330				
NAICS 6 Description:	Engineering services				

6	25 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
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Generator No:	ON0827200			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541330				
SIC Description:	Engineering Services				

Detail(s)

Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	268				
Waste Class Desc:	AMINES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	131				
Waste Class Desc:	NEUTRALIZED WASTES - HEAVY METALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			

6	26 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT ULC 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45548
Other ID:				Submit Date:	6/28/2012
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	102510			Contact ID:	179480
Report ID:	7477			Cont Type:	MED
Report Type:	DNMC			Contact Title:	
Rpt Type ID:	2			Cont First Name:	LIONEL
Report Year:	2011			Cont Last Name:	PERRON
Not-Current Rpt?:	No			Contact Position:	DIRECTOR QA & EHS
Yr of Last Filed Rpt:	2013			Contact Fax:	6137361348
Fac ID:	153412			Contact Ph.:	6137365100
Fac Name:	DEW OTTAWA			Cont Area Code:	613
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	37365100
Fac Address2:	NOT AVAILABLE			Contact Ext.:	203
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	613
Facility Lat:	45.3761			Contact Fax:	37361348
Facility Long:	-75.5984			Contact Email:	LPERRON@DEWENGINEERING.COM
DLS (Last Filed Rpt):				Latitude:	45.3768

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility DLS:				Longitude: -75.5965	
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	189			Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		54			
NAICS 2 Description:		Professional, scientific and technical services			
NAICS Code (4 digit):		5413			
NAICS 4 Description:		Architectural, engineering and related services			
NAICS Code (6 digit):		541330			
NAICS 6 Description:		Engineering services			

Substance Release Report

Category Type ID:	2
Category Type Desc:	Storage / Handling
Category Type Desc (fr):	Rejets de stockage ou manutention
Grouping:	Total Air
Trans Code:	VOCg
Chem:	Acetone
Chem (fr):	Acétone
Quantity:	.276
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

6	27 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	332999				
SIC Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing				

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i>		145			
<i>Waste Class Desc:</i>		PAINT/PIGMENT/COATING RESIDUES			
<i>Waste Class:</i>		331			
<i>Waste Class Desc:</i>		WASTE COMPRESSED GASES			
<i>Waste Class:</i>		263			
<i>Waste Class Desc:</i>		ORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i>		268			
<i>Waste Class Desc:</i>		AMINES			
<i>Waste Class:</i>		131			
<i>Waste Class Desc:</i>		NEUTRALIZED WASTES - HEAVY METALS			
<i>Waste Class:</i>		135			
<i>Waste Class Desc:</i>		REACTIVE ANION WASTES			
<i>Waste Class:</i>		262			
<i>Waste Class Desc:</i>		DETERGENTS/SOAPS			
<i>Waste Class:</i>		212			
<i>Waste Class Desc:</i>		ALIPHATIC SOLVENTS			
<i>Waste Class:</i>		241			
<i>Waste Class Desc:</i>		HALOGENATED SOLVENTS			
<i>Waste Class:</i>		121			
<i>Waste Class Desc:</i>		ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i>		146			
<i>Waste Class Desc:</i>		OTHER SPECIFIED INORGANICS			
<i>Waste Class:</i>		265			
<i>Waste Class Desc:</i>		GRAPHIC ART WASTES			
<i>Waste Class:</i>		251			
<i>Waste Class Desc:</i>		OIL SKIMMINGS & SLUDGES			
<i>Waste Class:</i>		221			
<i>Waste Class Desc:</i>		LIGHT FUELS			
<i>Waste Class:</i>		113			
<i>Waste Class Desc:</i>		ACID WASTE - OTHER METALS			
<i>Waste Class:</i>		213			
<i>Waste Class Desc:</i>		PETROLEUM DISTILLATES			
<i>Waste Class:</i>		211			
<i>Waste Class Desc:</i>		AROMATIC SOLVENTS			
<i>Waste Class:</i>		122			
<i>Waste Class Desc:</i>		ALKALINE WASTES - OTHER METALS			

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ENE/92.9

79.9 / -1.00

DEW ENGINEERING AND DEVELOPMENT ULC
3429 HAWTHORNE RD
OTTAWA ON K1G 4G2

GEN

Generator No: ON0827200
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 332999

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		All Other Miscellaneous Fabricated Metal Product Manufacturing			
<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		221			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
6	29 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	332999				
SIC Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		268			
Waste Class Desc:		AMINES			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			

6	30 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT ULC 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45548
Other ID:				Submit Date:	5/31/2013
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	108542			Contact ID:	
Report ID:	22256			Cont Type:	
Report Type:	DNMC			Contact Title:	
Rpt Type ID:	2			Cont First Name:	
Report Year:	2012			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2013			Contact Fax:	
Fac ID:	153412			Contact Ph.:	
Fac Name:	DEW OTTAWA			Cont Area Code:	
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	
Facility Lat:	45.3761			Contact Fax:	
Facility Long:	-75.5984			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:				Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	54				
NAICS 2 Description:	Professional, scientific and technical services				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (4 digit):		5413			
NAICS 4 Description:		Architectural, engineering and related services			
NAICS Code (6 digit):		541330			
NAICS 6 Description:		Engineering services			

<u>6</u>	31 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	332999				
SIC Description:	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING				

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	232
Waste Class Desc:	POLYMERIC RESINS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			

6	32 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING & DEVELOPMENT ULC 3429 HAWTHORNE ROAD NOT AVAILABLE OTTAWA ON K1G4G2	NPRI
NPRI ID:	10618			Org ID:	45548
Other ID:				Submit Date:	6/2/2014
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	120478			Contact ID:	
Report ID:	40985			Cont Type:	
Report Type:	DNMC			Contact Title:	
Rpt Type ID:	2			Cont First Name:	
Report Year:	2013			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2013			Contact Fax:	
Fac ID:	153412			Contact Ph.:	
Fac Name:	DEW OTTAWA			Cont Area Code:	
Fac Address1:	3429 HAWTHORNE ROAD			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1G4G2			Cont Fax Area Cde:	
Facility Lat:	45.3761			Contact Fax:	
Facility Long:	-75.5984			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:				Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	54				
NAICS 2 Description:	Professional, scientific and technical services				
NAICS Code (4 digit):	5413				
NAICS 4 Description:	Architectural, engineering and related services				
NAICS Code (6 digit):	541330				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS 6 Description:		Engineering services			
<u>6</u>	33 of 40	ENE/92.9	79.9 / -1.00	3429 Hawthorne Rd Ottawa ON K1G4G2	EHS
Order No:	20160726173			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	03-AUG-16			Search Radius (km):	.25
Date Received:	26-JUL-16			X:	-75.596217
Previous Site Name:				Y:	45.376259
Lot/Building Size:					
Additional Info Ordered:					
<u>6</u>	34 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Maria A Middelveen
MHSW Facility:	No			Phone No Admin:	613-736-5100 Ext.239
SIC Code:	332999				
SIC Description:	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING				
<u>Detail(s)</u>					
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	135				
Waste Class Desc:	REACTIVE ANION WASTES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	268				
Waste Class Desc:	AMINES				
Waste Class:	331				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			

6	35 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Maria A Middelveen
MHSW Facility:	No			Phone No Admin:	613-736-5100 Ext.239
SIC Code:	332999				
SIC Description:	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING				

Detail(s)

Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	265
Waste Class Desc:	GRAPHIC ART WASTES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i> <i>Waste Class Desc:</i>		221 LIGHT FUELS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		241 HALOGENATED SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		252 WASTE OILS & LUBRICANTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		122 ALKALINE WASTES - OTHER METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		121 ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 ORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		212 ALIPHATIC SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		112 ACID WASTE - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		211 AROMATIC SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		232 POLYMERIC RESINS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		145 PAINT/PIGMENT/COATING RESIDUES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		113 ACID WASTE - OTHER METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		131 NEUTRALIZED WASTES - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		268 AMINES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		146 OTHER SPECIFIED INORGANICS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		148 INORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		135 REACTIVE ANION WASTES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 WASTE COMPRESSED GASES			

<u>6</u>	36 of 40	<i>ENE/92.9</i>	<i>79.9 / -1.00</i>	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Maria A Middelveen
MHSW Facility:	No			Phone No Admin:	613-736-5100 Ext.239
SIC Code:	332999				
SIC Description:	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		135			
Waste Class Desc:		REACTIVE ANION WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		131			
Waste Class Desc:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		265			
Waste Class Desc:		GRAPHIC ART WASTES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		268			
Waste Class Desc:		AMINES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			

6	37 of 40	ENE/92.9	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT ULC 3429 HAWTHORNE RD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0827200			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	113 C
Waste Class Desc:	Acid solutions - containing other metals and non-metals
Waste Class:	113 L
Waste Class Desc:	Acid solutions - containing other metals and non-metals
Waste Class:	211 H
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	211 I
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	145 H
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 T
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	232 I
Waste Class Desc:	Polymeric resins
Waste Class:	251 L

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		265 H			
Waste Class Desc:		Graphic arts wastes			
Waste Class:		268 C			
Waste Class Desc:		Amines			
Waste Class:		268 L			
Waste Class Desc:		Amines			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

[6](#)

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ENE/92.9

79.9 / -1.00

**DEW ENGINEERING AND DEVELOPMENT ULC
3429 HAWTHORNE RD
OTTAWA ON K1G 4G2**

GEN

Generator No: ON0827200
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 233 L
Waste Class Desc: Other polymeric wastes

Waste Class: 113 C
Waste Class Desc: Acid solutions - containing other metals and non-metals

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		112 L			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		268 L			
Waste Class Desc:		Amines			
Waste Class:		113 L			
Waste Class Desc:		Acid solutions - containing other metals and non-metals			
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		145 H			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		213 L			
Waste Class Desc:		Petroleum distillates			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		232 I			
Waste Class Desc:		Polymeric resins			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		211 I			
Waste Class Desc:		Aromatic solvents and residues			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		268 C			
Waste Class Desc:		Amines			
Waste Class:		145 T			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		265 H			
Waste Class Desc:		Graphic arts wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			

<u>6</u>	39 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development Limited 3429 Hawthorne Rd Ottawa ON NA	SPL
Ref No:	3051-BGHLPF			Discharger Report:	
Site No:	0166-4L2KTP			Material Group:	
Incident Dt:	9/28/2019			Health/Env Conseq:	2 - Minor Environment Corporation
Year:				Client Type:	Miscellaneous Industrial
Incident Cause:				Sector Type:	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	21			Nearest Watercourse:	
Contaminant Name:	ACID SOLUTION N.O.S.			Site Address:	3429 Hawthorne Rd
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	NA
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	NA
Receiving Env:	Land			Northing:	NA
MOE Response:	Yes			Easting:	NA
Dt MOE Arvl on Scn:	9/30/2019			Site Geo Ref Accu:	NA
MOE Reported Dt:	9/30/2019			Site Map Datum:	NA
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	Valve/Fitting/Piping
Site Name:	3429 Hawthorne Road				
Site County/District:	NA				
Site Geo Ref Meth:	NA				
Incident Summary:	Dew Engineering: 50,000L diluted acid & zinc oxide mixture to ditch				
Contaminant Qty:	50000 L				

<u>6</u>	40 of 40	ENE/92.9	79.9 / -1.00	DEW Engineering and Development ULC 3429 Hawthorne Road Ottawa, ON K1G 4G2 Canada ON	EBR
EBR Registry No:	019-2133			Decision Posted:	
Ministry Ref No:	3046-BQDSNS			Exception Posted:	
Notice Type:	Instrument			Section:	Part II.1 (20.3 or 20.5)
Notice Stage:	Proposal			Act 1:	Environmental Protection Act, R.S.O. 1990
Notice Date:				Act 2:	Environmental Protection Act
Proposal Date:	July 27, 2020			Site Location Map:	45.376827,-75.596199
Year:	2020				
Instrument Type:	Environmental Compliance Approval (air)				
Off Instrument Name:	Environmental Compliance Approval (air) (EPA s.9)				
Posted By:	Ministry of the Environment, Conservation and Parks				
Company Name:					
Site Address:	3429 Hawthorne Road Ottawa, ON K1G 4G2 Canada				
Location Other:					
Proponent Name:	DEW Engineering and Development ULC				
Proponent Address:	DEW Engineering and Development ULC 3429 Hawthorne Road Ottawa, ON				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				K1G 4G2 Canada	
Comment Period:				July 27, 2020 - September 10, 2020 (45 days) Open	
URL:				https://ero.ontario.ca/notice/019-2133	
Site Location Details:					

7	1 of 1	S/92.9	81.9 / 1.00	3467 HAWTHORNE RD OTTAWA ON	WWIS
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Well ID:	7192353	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	11/30/2012
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	1844
Casing Material:		Form Version:	7
Audit No:	Z153942	Owner:	
Tag:	A096542	Street Name:	3467 HAWTHORNE RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7192353.pdf

Bore Hole Information

Bore Hole ID:	1004211737	Elevation:	83.977539
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	453246
Code OB Desc:		North83:	5024774
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/12/2012	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	1004544193
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		TOPSOIL			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0			
Formation End Depth:		.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004544196			
Layer:		4			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:		26			
Mat3 Desc:		ROCK			
Formation Top Depth:		2.1			
Formation End Depth:		6.2			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004544194			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		.3			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004544195			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		68			
Mat3 Desc:		DRY			
Formation Top Depth:		1.5			
Formation End Depth:		2.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004544204			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Plug From:		2			
Plug To:		2.7			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004544203			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		HSA/DIAMOND			
<u>Pipe Information</u>					
Pipe ID:		1004544192			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004544200			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		.1			
Depth To:		3.1			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004544201			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.2			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.8			
<u>Water Details</u>					
Water ID:		1004544199			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004544198			
Diameter:		10.1			
Depth From:		1.9			
Depth To:		6.2			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1004544197			
Diameter:		20			
Depth From:		0			
Depth To:		1.9			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

8	1 of 1	ENE/96.0	80.2 / -0.68	3429 HAWTHORNE ROAD Ottawa ON	WWIS
Well ID:	7115788			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	11/28/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	5
Audit No:	M02888			Owner:	
Tag:	A068579			Street Name:	3429 HAWTHORNE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7115788.pdf				

Bore Hole Information

Bore Hole ID:	1002709648	Elevation:	82.628479
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	453343
Code OB Desc:		North83:	5024858
Open Hole:		Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet	UTMRC:	3
Date Completed:	7/2/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	1002709652
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1002709651		
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:			1002709653		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1002709655		
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		1.5			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:			1002709654		
Layer:					
Slot:					
Screen Top Depth:		1.5			
Screen End Depth:		2.3			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:			1002709656		
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1002709650			
Diameter:		20			
Depth From:					
Depth To:		2.3			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Bore Hole Information</u>					
Bore Hole ID:	1002709612			Elevation:	80.561523
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453371
Code OB Desc:				North83:	5025023
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	7/4/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002709616			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1002709615			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
 <u>Pipe Information</u>					
Pipe ID:		1002709617			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1002709619			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		3			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1002709618			
Layer:					
Slot:					
Screen Top Depth:		3			
Screen End Depth:		6			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002709620			
Pump Set At:					
Static Level:		2.13			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002709614			
Diameter:		20			
Depth From:					
Depth To:		6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1001905203			Elevation:	83.508087
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453264
Code OB Desc:				North83:	5024850
Open Hole:	No			Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	7/4/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002709689			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		31			
Most Common Material:		COARSE GRAVEL			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		0			
Formation End Depth:		8.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002709690			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		8.3			
Formation End Depth:		11.28			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002709692			
Layer:		1			
Plug From:		0			
Plug To:		3.6			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002709695			
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002709687			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1002709693			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.8			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002709688			
Pump Set At:					
Static Level:		5.1			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002709691			
Diameter:		20			
Depth From:		0			
Depth To:		11.28			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002709630			Elevation:	81.143638
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453417
Code OB Desc:				North83:	5024895
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	6/23/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002709634				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1002709633			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002709635			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002709637			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		2.1			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002709636			
Layer:					
Slot:					
Screen Top Depth:		2.1			
Screen End Depth:		2.1			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002709638			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002709632			
Diameter:		20			
Depth From:					
Depth To:		2.1			
Hole Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002709621			Elevation:	80.957374
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453391
Code OB Desc:				North83:	5024942
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	6/24/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002709625				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002709624				
Method Construction Code:					
Method Construction:					
Other Method Construction:	HSA				
<u>Pipe Information</u>					
Pipe ID:	1002709626				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002709628				
Layer:					
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:	4.5				
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1002709627				
Layer:					
Slot:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Screen Top Depth:</i>			4.5		
<i>Screen End Depth:</i>			6.7		
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					

Results of Well Yield Testing

Pump Test ID: 1002709629
Pump Set At:
Static Level: 4.5
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002709623
Diameter: 20
Depth From:
Depth To: 6.7
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

<i>Bore Hole ID:</i>	1002709666	<i>Elevation:</i>	81.170806
<i>DP2BR:</i>		<i>Elevrc:</i>	
<i>Spatial Status:</i>		<i>Zone:</i>	18
<i>Code OB:</i>		<i>East83:</i>	453262
<i>Code OB Desc:</i>		<i>North83:</i>	5025000
<i>Open Hole:</i>		<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>	This is a record from cluster log sheet	<i>UTMRC:</i>	3
<i>Date Completed:</i>	6/24/2008	<i>UTMRC Desc:</i>	margin of error : 10 - 30 m
<i>Remarks:</i>		<i>Location Method:</i>	wwr
<i>Elevrc Desc:</i>			
<i>Location Source Date:</i>			
<i>Improvement Location Source:</i>			
<i>Improvement Location Method:</i>			
<i>Source Revision Comment:</i>			
<i>Supplier Comment:</i>			

Annular Space/Abandonment Sealing Record

Plug ID: 1002709670
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1002709669		
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:			1002709671		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1002709673		
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		1.5			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:			1002709672		
Layer:					
Slot:					
Screen Top Depth:		1.5			
Screen End Depth:		1.9			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:			1002709674		
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:			1002709668		
Diameter:		20			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Depth From:					
Depth To: 1.9					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Bore Hole Information</u>					
Bore Hole ID: 1002709675		Elevation: 81.959907			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 453326			
Code OB Desc:		North83: 5024899			
Open Hole:		Org CS: UTM83			
Cluster Kind: This is a record from cluster log sheet		UTMRC: 3			
Date Completed: 7/8/2008		UTMRC Desc: margin of error : 10 - 30 m			
Remarks:		Location Method: wwr			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1002709679					
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1002709678					
Method Construction Code:					
Method Construction:					
Other Method Construction: HSA					
<u>Pipe Information</u>					
Pipe ID: 1002709680					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1002709682					
Layer:					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From:					
Depth To: 3					
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1002709681			
Layer:					
Slot:					
Screen Top Depth:	3				
Screen End Depth:	6.7				
Screen Material:					
Screen Depth UOM:	m				
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002709683			
Pump Set At:					
Static Level:	3.9				
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	m				
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002709677			
Diameter:	20				
Depth From:					
Depth To:	6.7				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002709657			Elevation:	83.005828
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453342
Code OB Desc:				North83:	5024835
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	7/2/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002709661			
Layer:					
Plug From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002709660			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002709662			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002709664			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		1.4			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002709663			
Layer:					
Slot:					
Screen Top Depth:		1.4			
Screen End Depth:		1.4			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002709665			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1002709659			
Diameter:		20			
Depth From:					
Depth To:		1.4			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002709639			Elevation:	80.64048
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453337
Code OB Desc:				North83:	5025039
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	7/7/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002709643			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002709642			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002709644			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002709646			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		2.4			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Screen

Screen ID: 1002709645
 Layer:
 Slot:
 Screen Top Depth: 2.4
 Screen End Depth: 3.1
 Screen Material:
 Screen Depth UOM: m
 Screen Diameter UOM:
 Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002709647
 Pump Set At:
 Static Level:
 Final Level After Pumping:
 Recommended Pump Depth:
 Pumping Rate:
 Flowing Rate:
 Recommended Pump Rate:
 Levels UOM: m
 Rate UOM:
 Water State After Test Code:
 Water State After Test:
 Pumping Test Method:
 Pumping Duration HR:
 Pumping Duration MIN:
 Flowing:

Hole Diameter

Hole ID: 1002709641
 Diameter: 20
 Depth From:
 Depth To: 3.1
 Hole Depth UOM: m
 Hole Diameter UOM: cm

<u>9</u>	1 of 4	SSE/121.1	81.7 / 0.86	Hawthorne Road (3467?) Ottawa ON	EHS
Order No:	20040706012			Nearest Intersection:	Hunt Club Road at Hawthorne Road
Status:	C			Municipality:	Ottawa (formerly Gloucester)
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	7/8/04			Search Radius (km):	0.35
Date Received:	7/6/04			X:	-75.595225
Previous Site Name:				Y:	45.377251
Lot/Building Size:	19 acres				
Additional Info Ordered:	Supplementary Anderson Report				

<u>9</u>	2 of 4	SSE/121.1	81.7 / 0.86	2028473 Ontario Inc. 3467 Hawthorne Road, Ottawa, Ontario ON	RSC
RSC ID:	33502			Cert Date:	12-Sep-07
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Industrial
Curr Property Use:	Industrial			Qual Person Name:	Mike McGahan

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ministry District:	OTTAWA			Stratified (Y/N):	
Filing Date:	2-Oct-07			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	6 to 10 meters
Restoration Type:				Telephone:	613-7282000
Soil Type:				Fax:	613-7281107
Criteria:				Email:	Mike.mcgahan@clvgroup.com
CPU Issued Sect 1686:	No				
Asmt Roll No:		0614 600 080 06600 0000			
Prop ID No (PIN):		04161-0026 LT			
Property Municipal Address:		3467 Hawthorne Road, Ottawa, Ontario			
Mailing Address:		Suite 200, 485 BANK ST, OTTAWA, ON, K2P 1Z2			
Latitude & Longitude:		45.37805560N 75.59472220W			
UTM Coordinates:		NAD83 18-453436-5025121 (converted from Latitude & Longitude)			
Consultant:					
Legal Desc:		Pt Lt 5 Con 6RF Gloucester Pts 19, 20, 21, 23 & 24, 5R10079, S/T N665132; S/T CT245337 Gloucester			
Measurement Method:		Digitized from a satellite image			
Applicable Standards:		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Industrial/Commercial/Community property use			
RSC PDF:					

9	3 of 4	SSE/121.1	81.7 / 0.86	3467 Hawthorne Rd Ottawa ON	EHS
Order No:	20120827033			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	06-SEP-12			Search Radius (km):	.25
Date Received:	27-AUG-12			X:	-75.59544
Previous Site Name:				Y:	45.374192
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			

9	4 of 4	SSE/121.1	81.7 / 0.86	Parkland Fuel Corporation 3467, Hawthorne Road Ottawa ON K1G4G2	GEN
Generator No:	ON9059584			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			

10	1 of 1	NNW/128.1	80.9 / 0.00	lot 5 con 6 ON	WWIS
Well ID:	1502311			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Industrial			Date Received:	12/8/1953
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1107
Casing Material:				Form Version:	1
Audit No:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	005
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502311.pdf

Bore Hole Information

Bore Hole ID:	10024354	Elevation:	81.35997
DP2BR:	2	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	453210.7
Code OB Desc:	Bedrock	North83:	5024992
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/23/1953	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930994181
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	550
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930994180
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	02
Mat2 Desc:	TOPSOIL
Mat3:	
Mat3 Desc:	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation Top Depth:</i>	0				
<i>Formation End Depth:</i>	2				
<i>Formation End Depth UOM:</i>	ft				
<u>Overburden and Bedrock Materials Interval</u>					
<i>Formation ID:</i>	930994182				
<i>Layer:</i>	3				
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>	15				
<i>Most Common Material:</i>	LIMESTONE				
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>	550				
<i>Formation End Depth:</i>	645				
<i>Formation End Depth UOM:</i>	ft				
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>	961502311				
<i>Method Construction Code:</i>	1				
<i>Method Construction:</i>	Cable Tool				
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>	10572924				
<i>Casing No:</i>	1				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930041487				
<i>Layer:</i>	1				
<i>Material:</i>	1				
<i>Open Hole or Material:</i>	STEEL				
<i>Depth From:</i>					
<i>Depth To:</i>	12				
<i>Casing Diameter:</i>	6				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930041488				
<i>Layer:</i>	2				
<i>Material:</i>	4				
<i>Open Hole or Material:</i>	OPEN HOLE				
<i>Depth From:</i>					
<i>Depth To:</i>	645				
<i>Casing Diameter:</i>	6				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		991502311			
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	500				
Recommended Pump Depth:					
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	5				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:		933455092			
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	645				
Water Found Depth UOM:	ft				

11	1 of 1	NNW/128.3	80.9 / 0.00	ON	BORE
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Borehole ID:	614868			Inclin FLG:	No
OGF ID:	215515810			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1953			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.376881
Total Depth m:	196			Longitude DD:	-75.597588
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	453211
Drill Method:				Northing:	5024992
Orig Ground Elev m:	80.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	81.4				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218399577			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE. GREY.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218399576			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Soil			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218399578			Mat Consistency:	
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	196			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. ET.ACT. BEDROCK. BLACK. 45.3 FEET. SEISMIC VELOCITY = 13500. 0000				**Note: Many records provided by the department have a truncated [Stratum Description] field.
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 07376 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
12	1 of 1	SW/129.1	81.9 / 1.00	ON	WWIS
Well ID:	7167023			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/9/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	6032
Casing Material:				Form Version:	5
Audit No:	M01958			Owner:	
Tag:	A106906			Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7167023.pdf				
<u>Bore Hole Information</u>						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	1003547763 4/15/2011			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	84.211303 18 453167 5024757 UTM83 4 margin of error : 30 m - 100 m wwr	
13	1 of 7	ESE/129.9	80.9 / 0.00	CST Canada Co. 3467 Hawthorne Rd Ottawa ON H3B 0C9	ECA	
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	9676-9HBTQH 2014-06-26 Approved ECA IDS ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS 3467 Hawthorne Rd https://www.accessenvironment.ene.gov.on.ca/instruments/4902-9DEMGL-14.pdf			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:		
13	2 of 7	ESE/129.9	80.9 / 0.00	PARKLAND FUEL CORPORATION 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST	
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect:	64660976 Active FS Liquid Fuel Tank FS LIQUID FUEL TANK FS Liquid Fuel Tank Double Wall UST 7/2/2014 4:11:08 PM 2014 NULL NULL 50000 Fiberglass (FRP) Fiberglass			Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	NULL NULL NULL 1 EA Gasoline NULL NULL NULL NULL NULL NULL NULL NULL	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:		3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			
Device Installed Location:		3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			
Fuel Storage Tank Details					
Owner Account Name:		PARKLAND FUEL CORPORATION			
Liquid Fuel Tank Details					
Overfill Protection:		Gravity			
Owner Account Name:		PARKLAND FUEL CORPORATION			

13	3 of 7	ESE/129.9	80.9 / 0.00	PARKLAND FUEL CORPORATION 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No:		64660977		Manufacturer: NULL	
Status:		Active		Serial No: NULL	
Cont Name:				Ulc Standard: NULL	
Instance Type:		FS Liquid Fuel Tank		Quantity: 1	
Item:		FS LIQUID FUEL TANK		Unit of Measure: EA	
Item Description:		FS Liquid Fuel Tank		Fuel Type: Gasoline	
Tank Type:		Double Wall UST		Fuel Type2: NULL	
Install Date:		7/2/2014 4:11:08 PM		Fuel Type3: NULL	
Install Year:		2014		Piping Steel:	
Years in Service:		NULL		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		50000		Num Underground:	
Tank Material:		Fiberglass (FRP)		Panam Related: NULL	
Corrosion Protect:		Fiberglass		Panam Venue: NULL	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:		3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			
Device Installed Location:		3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			
Fuel Storage Tank Details					
Owner Account Name:		PARKLAND FUEL CORPORATION			
Liquid Fuel Tank Details					
Overfill Protection:		Gravity			
Owner Account Name:		PARKLAND FUEL CORPORATION			

13	4 of 7	ESE/129.9	80.9 / 0.00	PARKLAND FUEL CORPORATION 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No:		64660978		Manufacturer: NULL	
Status:		Active		Serial No: NULL	
Cont Name:				Ulc Standard: NULL	
Instance Type:		FS Liquid Fuel Tank		Quantity: 1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	7/2/2014 4:11:08 PM			Fuel Type3:	NULL
Install Year:	2014			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	35000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:	Fiberglass			Panam Venue:	NULL
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				
Device Installed Location:	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				

Fuel Storage Tank Details

Owner Account Name: PARKLAND FUEL CORPORATION

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: PARKLAND FUEL CORPORATION

13	5 of 7	ESE/129.9	80.9 / 0.00	PARKLAND FUEL CORPORATION 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
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Instance No:	64660979	Manufacturer:	NULL
Status:	Active	Serial No:	NULL
Cont Name:		Ulc Standard:	NULL
Instance Type:	FS Liquid Fuel Tank	Quantity:	1
Item:	FS LIQUID FUEL TANK	Unit of Measure:	EA
Item Description:	FS Liquid Fuel Tank	Fuel Type:	Diesel
Tank Type:	Double Wall UST	Fuel Type2:	NULL
Install Date:	7/2/2014 4:11:08 PM	Fuel Type3:	NULL
Install Year:	2014	Piping Steel:	
Years in Service:	NULL	Piping Galvanized:	
Model:	NULL	Tanks Single Wall St:	
Description:		Piping Underground:	
Capacity:	25000	Num Underground:	
Tank Material:	Fiberglass (FRP)	Panam Related:	NULL
Corrosion Protect:	Fiberglass	Panam Venue:	NULL
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:	FS Gasoline Station - Self Serve		
Facility Location:	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA		
Device Installed Location:	3467 HAWTHORNE RD OTTAWA K1G 4G2 ON CA		

Fuel Storage Tank Details

Owner Account Name: PARKLAND FUEL CORPORATION

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: PARKLAND FUEL CORPORATION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	6 of 7	ESE/129.9	80.9 / 0.00	3467 HAWTHORNE RD OTTAWA ON K1G 4G2	FST
Instance No:	64660975			Manufacturer:	
Status:	Active			Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS GASOLINE STATION - SELF SERVE			Unit of Measure:	
Item Description:				Fuel Type:	
Tank Type:				Fuel Type2:	
Install Date:				Fuel Type3:	
Install Year:				Piping Steel:	0
Years in Service:				Piping Galvanized:	0
Model:				Tanks Single Wall St:	0
Description:				Piping Underground:	3
Capacity:				Num Underground:	4
Tank Material:				Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:					
Parent Facility Type:					
Facility Location:					
Device Installed Location:					

13	7 of 7	ESE/129.9	80.9 / 0.00	ULTRAMAR 3467 HAWTHORNE RD OTTAWA ON K1G4G2	RST
Headcode:	01186800				
Headcode Desc:	SERVICE STATIONS GASOLINE OIL & NATURAL GAS				
Phone:	6137308080				
List Name:	INFO-DIRECT(TM) BUSINESS FILE				
Description:					

14	1 of 1	NE/130.8	79.9 / -1.00	DEW ENGINEERING AND DEVELOPMENT 3429 Hawthorne Road Ottawa ON K1G4G2	NPRI
NPRI ID:	0000010618			Org ID:	
Other ID:				Submit Date:	
No Other ID:				Last Modified:	
Track ID:				Contact ID:	
Report ID:				Cont Type:	MED
Report Type:				Contact Title:	Ms.
Rpt Type ID:				Cont First Name:	Linda
Report Year:	2004			Cont Last Name:	Stevenson
Not-Current Rpt?:				Contact Position:	Director, Human Resources and Administration
Yr of Last Filed Rpt:				Contact Fax:	
Fac ID:				Contact Ph.:	
Fac Name:	OTTAWA FACILITY			Cont Area Code:	613
Fac Address1:				Contact Tel.:	7365100
Fac Address2:				Contact Ext.:	112
Fac Postal Zip:				Cont Fax Area Cde:	613
Facility Lat:				Contact Fax:	7361348
Facility Long:				Contact Email:	lstevens@dewengineering.com
DLS (Last Filed Rpt):				Latitude:	45.3768
Facility DLS:				Longitude:	-75.5965
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:	www.dewengineering.com			UTM Easting:	
No of Empl.:	300			Waste Streams:	
Parent Co.:				No Streams:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):		30			
Canadian SIC Code:		3099			
SIC Code Description:		Other Metal Fabricating Inds. nec			
American SIC Code:		3449			
NAICS Code (2 digit):		31-33			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3329			
NAICS 4 Description:		Other Fabricated Metal Product Manufacturing			
NAICS Code (6 digit):		332999			
NAICS 6 Description:		All Other Miscellaneous Fabricated Metal Product Manufacturing			

Substance Release Report

CAS No:	1309-37-1
Report ID:	
Rpt Period:	2004
Subst Released:	Ferric oxide
Air:	.176
Water:	
Land:	
Total Releases:	.176
Units:	tonnes
CAS No:	7439-89-6
Report ID:	
Rpt Period:	2004
Subst Released:	Iron (and its compounds)
Air:	.123
Water:	
Land:	
Total Releases:	.123
Units:	tonnes
CAS No:	NA - M08
Report ID:	
Rpt Period:	2004
Subst Released:	PM - Total Particulate Matter
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes
CAS No:	NA - M10
Report ID:	
Rpt Period:	2004
Subst Released:	PM2.5 - Particulate Matter <= 2.5 Microns
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes
CAS No:	NA - M09
Report ID:	
Rpt Period:	2004
Subst Released:	PM10 - Particulate Matter <= 10 Microns
Air:	
Water:	
Land:	
Total Releases:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Units:		tonnes			
CAS No:		NA - M16			
Report ID:					
Rpt Period:		2004			
Subst Released:		Volatile Organic Compounds (VOCs)			
Air:		.032			
Water:					
Land:					
Total Releases:		.032			
Units:		tonnes			
CAS No:		124-38-9			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		10024-97-2			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrous oxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		630-08-0			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon monoxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		11104-93-1			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrogen oxides (expressed as NO2)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		7446-09-5			
Report ID:					
Rpt Period:		2004			
Subst Released:		Sulphur dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		74-82-8			
Report ID:					
Rpt Period:		2004			
Subst Released:		Methane			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Air: Water: Land: Total Releases: Units: tonnes					
CAS No: 811-97-2 Report ID: Rpt Period: 2004 Subst Released: HFC-134a Hydrofluorocarbon Air: Water: Land: Total Releases: Units: tonnes					

15	1 of 1	N/134.6	79.8 / -1.03	3419 HAWTHORNE RD OTTAWA ON	WWIS
Well ID: 7302168 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Monitoring Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z206468 Tag: A182558 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 12/22/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 3419 HAWTHORNE RD County: OTTAWA Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

[PDF URL \(Map\):](#)

Bore Hole Information

Bore Hole ID: 1006922299 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 11/6/2017 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 81.274826 Elevrc: Zone: 18 East83: 453236 North83: 5025001 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
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Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007099380			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007099381			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		.31			
Formation End Depth:		1.52			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007099382			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.52			
Formation End Depth:		10.06			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099393			
Layer:		3			
Plug From:		6.71			
Plug To:		10.06			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099391			
Layer:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007099392			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		6.71			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1007099390			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1007099379			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007099386			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		7.01			
<i>Casing Diameter:</i>		4.03			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007099387			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		7.01			
<i>Screen End Depth:</i>		10.06			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		4.82			
<u>Water Details</u>					
<i>Water ID:</i>		1007099385			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:			1007099383		
Diameter:			11.43		
Depth From:			0		
Depth To:			3.1		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		
<u>Hole Diameter</u>					
Hole ID:			1007099384		
Diameter:			7.62		
Depth From:			3.1		
Depth To:			10.06		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

16	1 of 1	SSE/138.8	81.9 / 1.00	3467 HAWTHORNE RD Ottawa ON	WWIS
Well ID:	7201536			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	5/14/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	7
Audit No:	Z161276			Owner:	
Tag:	A096542			Street Name:	3467 HAWTHORNE RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7201536.pdf

Bore Hole Information

Bore Hole ID:	1004298007	Elevation:	84.095771
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	453256
Code OB Desc:		North83:	5024729
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/15/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1004818984				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1004818978				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1004818982				
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1004818983				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:					
<u>Water Details</u>					
Water ID:	1004818981				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	m				
<u>Hole Diameter</u>					
Hole ID:	1004818980				
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

17	1 of 1	N/142.6	79.8 / -1.03	3419 HAWTHORNE RD OTTAWA ON	WWIS
Well ID:	7302167			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206467			Owner:	
Tag:	A182562			Street Name:	3419 HAWTHORNE RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006922296	Elevation:	81.219749
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	453235
Code OB Desc:		North83:	5025009
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/6/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007099365
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1007099366
Layer:	2
Color:	6

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		.31			
Formation End Depth:		1.52			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007099367			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.52			
Formation End Depth:		10.06			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099377			
Layer:		2			
Plug From:		0.31			
Plug To:		6.71			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099378			
Layer:		3			
Plug From:		6.71			
Plug To:		10.06			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007099376			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007099375			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:			1007099364		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1007099371		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0		
Depth To:			7.01		
Casing Diameter:			4.03		
Casing Diameter UOM:			cm		
Casing Depth UOM:			m		
<u>Construction Record - Screen</u>					
Screen ID:			1007099372		
Layer:			1		
Slot:			10		
Screen Top Depth:			7.01		
Screen End Depth:			10.06		
Screen Material:			5		
Screen Depth UOM:			m		
Screen Diameter UOM:			cm		
Screen Diameter:			4.82		
<u>Water Details</u>					
Water ID:			1007099370		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			m		
<u>Hole Diameter</u>					
Hole ID:			1007099369		
Diameter:			7.62		
Depth From:			3.1		
Depth To:			10.06		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		
<u>Hole Diameter</u>					
Hole ID:			1007099368		
Diameter:			11.43		
Depth From:			0		
Depth To:			3.1		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 2	SSW/153.8	81.9 / 1.00	Imperial Oil Limited 3500 Hawthorne Road, Ottawa, Ontario, K1G 3W9 ON K1G 3W9	RSC
RSC ID:	110333			Cert Date:	19-May-11
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Commercial
Curr Property Use:	Commercial			Qual Person Name:	Jeff Newman
Ministry District:	OTTAWA			Stratified (Y/N):	
Filing Date:	10-Jun-11			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	6 to 10 meters
Restoration Type:				Telephone:	416-4417102
Soil Type:				Fax:	416-4417400
Criteria:				Email:	jeff.p.newman@esso.ca
CPU Issued Sect 1686:	No				
Asmt Roll No:		06-14-116-503-05700-0000			
Prop ID No (PIN):		04165-0539 (LT)			
Property Municipal Address:		3500 Hawthorne Road, Ottawa, Ontario, K1G 3W9			
Mailing Address:		90 Wynford Drive, Toronto, Ontario, M3C 1K5			
Latitude & Longitude:		45.37441970N 75.59805670W (converted from UTM)			
UTM Coordinates:		NAD83 18-453172-5024719			
Consultant:					
Legal Desc:		PCL 4-3, SEC GL-5RF; PT LT 5, CON 5RF, PART 2, 4R7805; OTTAWA/GLOUCESTER			
Measurement Method:		Global Positioning System			
Applicable Standards:		Full Depth Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Industrial/Commercial/Community property use			
RSC PDF:					
18	2 of 2	SSW/153.8	81.9 / 1.00	Imperial Oil Limited 3500 Hawthorne Road Ottawa ON	GEN
Generator No:	ON4586069			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	447190, 447110				
SIC Description:					
19	1 of 1	SW/154.2	81.9 / 1.00	3500 HAWTHORN AVE OTTAWA ON	WWIS
Well ID:	7300866			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206478			Owner:	
Tag:	A182653			Street Name:	3500 HAWTHORN AVE
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006858136			Elevation:	84.287734
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	453155
Code OB Desc:				North83:	5024735
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/10/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050491				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Mat2 Desc:					
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	2.74				
Formation End Depth:	7.62				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050490				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	.31				
Formation End Depth:	2.74				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050489				
Layer:	1				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>		11			
<i>Mat2 Desc:</i>		GRAVEL			
<i>Mat3:</i>		85			
<i>Mat3 Desc:</i>		SOFT			
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		.31			
<i>Formation End Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050500			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050501			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		3.96			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050502			
<i>Layer:</i>		3			
<i>Plug From:</i>		3.96			
<i>Plug To:</i>		7.62			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1007050499			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1007050488			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007050495			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		4.57			
Casing Diameter:		3.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007050496			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1007050494			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050492			
Diameter:		11.43			
Depth From:		0			
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007050493			
Diameter:		7.52			
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

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1 of 1

SSW/156.5

81.9 / 1.00

3500 Hawthorne Rd
Ottawa ON K1G6A6

EHS

Order No: 20160930026
 Status: C
 Report Type: Custom Report
 Report Date: 06-OCT-16
 Date Received: 30-SEP-16
 Previous Site Name:
 Lot/Building Size: 0.32 ha
 Additional Info Ordered:

Fire Insur. Maps and/or Site Plans; City Directory

Nearest Intersection:
 Municipality:
 Client Prov/State: ON
 Search Radius (km): .25
 X: -75.598044
 Y: 45.374455

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1 of 1

SE/158.3

81.9 / 1.00

3467 HAWTHORNE RD
Ottawa ON

WWIS

Well ID: 7201537

Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: 0 Water Type: Casing Material: Audit No: Z161273 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Src: Date Received: 5/14/2013 Selected Flag: Yes Abandonment Rec: Yes Contractor: 1844 Form Version: 7 Owner: Street Name: 3467 HAWTHORNE RD County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7201537.pdf

Bore Hole Information

Bore Hole ID: 1004298010 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 3/15/2013 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 83.658821 Elevrc: Zone: 18 East83: 453305 North83: 5024724 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr
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Method of Construction & Well Use

Method Construction ID: 1004818991 Method Construction Code: Method Construction: Other Method Construction:	
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Pipe Information

Pipe ID: 1004818985 Casing No: 0 Comment: Alt Name:	
--	--

Construction Record - Casing

Casing ID: 1004818989 Layer: Material: Open Hole or Material: Depth From:	
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: Casing Diameter: Casing Diameter UOM: cm Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1004818990 Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter:					
<u>Water Details</u>					
Water ID: 1004818988 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004818987 Diameter: Depth From: Depth To: Hole Depth UOM: m Hole Diameter UOM: cm					
22	1 of 5	SSW/159.5	82.2 / 1.31	2520333 Ontario Inc. 3500 Hawthorne Road Ottawa ON K1G 6A6	ECA
Approval No: 8703-B9UTLP Approval Date: 2019-03-21 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Address: 3500 Hawthorne Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7156-B5UJ3F-13.pdf					
22	2 of 5	SSW/159.5	82.2 / 1.31	3500 HAWTHORNE RD OTTAWA ON K1G 4G2	FST
Instance No: 64865181 Status: Active Cont Name: Instance Type: Item: FS GASOLINE STATION - SELF SERVE Item Description: Tank Type:					
Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location:				Fuel Type3: Piping Steel: 0 Piping Galvanized: 0 Tanks Single Wall St: 0 Piping Underground: 3 Num Underground: 3 Panam Related: Panam Venue:	

22	3 of 5	SSW/159.5	82.2 / 1.31	2520333 ONTARIO INC 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No: 64865183 Status: Registered Cont Name: Instance Type: Item: FS LIQUID FUEL TANK Item Description: FS Liquid Fuel Tank Tank Type: Double Wall UST Install Date: 11/20/2018 10:23:25 AM Install Year: 2018 Years in Service: NULL Model: NULL Description: Capacity: 50000 Tank Material: Fiberglass (FRP) Corrosion Protect: Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA Device Installed Location: 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA		Manufacturer: NULL Serial No: S615 Ulc Standard: NULL Quantity: 1 Unit of Measure: EA Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: NULL Panam Venue: NULL			

Fuel Storage Tank Details

Owner Account Name: 2520333 ONTARIO INC

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: 2520333 ONTARIO INC

22	4 of 5	SSW/159.5	82.2 / 1.31	2520333 ONTARIO INC 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No: 64865184 Status: Registered Cont Name: Instance Type: Item: FS LIQUID FUEL TANK Item Description: FS Liquid Fuel Tank Tank Type: Double Wall UST		Manufacturer: NULL Serial No: S615 Ulc Standard: NULL Quantity: 1 Unit of Measure: EA Fuel Type: Diesel Fuel Type2: Gasoline			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Install Date:	11/20/2018 10:23:25 AM			Fuel Type3:	NULL
Install Year:	2018			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	50000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:				Panam Venue:	NULL
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				
Device Installed Location:	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				

Fuel Storage Tank Details

Owner Account Name: 2520333 ONTARIO INC

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: 2520333 ONTARIO INC

22	5 of 5	SSW/159.5	82.2 / 1.31	2520333 ONTARIO INC 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA 3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON CA ON	FST
Instance No:	64865182			Manufacturer:	NULL
Status:	Registered			Serial No:	S615
Cont Name:				Ulc Standard:	NULL
Instance Type:				Quantity:	1
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	11/20/2018 10:23:25 AM			Fuel Type3:	NULL
Install Year:	2018			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	50000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:				Panam Venue:	NULL
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				
Device Installed Location:	3500 HAWTHORNE RD OTTAWA K1G 4G2 ON CA				
<u>Fuel Storage Tank Details</u>					
Owner Account Name: 2520333 ONTARIO INC					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Gravity					
Owner Account Name: 2520333 ONTARIO INC					

23	1 of 1	SSW/160.3	82.2 / 1.31	3500 HATHORN AVE OTTAWA ON	WWIS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7300864			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206480			Owner:	
Tag:	A182652			Street Name:	3500 HATHORN AVE
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300864.pdf

Bore Hole Information

Bore Hole ID:	1006858130	Elevation:	84.461067
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	453183
Code OB Desc:		North83:	5024715
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/10/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007050462
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.91
Formation End Depth:	7.62
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1007050461
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		.91			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050473			
Layer:		3			
Plug From:		3.96			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050472			
Layer:		2			
Plug From:		0.31			
Plug To:		3.96			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050471			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050470			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050460			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050466			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		4.57			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007050467			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1007050465			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050464			
Diameter:		7.62			
Depth From:		1.22			
Depth To:		7.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007050463			
Diameter:		11.43			
Depth From:		0			
Depth To:		1.22			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

24	1 of 5	N/166.3	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	EXP
Instance No:	10903138	Model:	NULL		
Status:	EXPIRED	Quantity:	1		
Instance ID:		Unit of Measure:	EA		
Instance Type:		Fuel Type2:	NULL		
Instance Creation Dt:	12/20/1990	Fuel Type3:	NULL		
Instance Install Dt:	12/20/1990	Piping Steel:			
Item:		Piping Galvanized:			
Item Description:	FS Liquid Fuel Tank	Tank Single Wall St:			
Facility Type:	FS LIQUID FUEL TANK	Piping Underground:			
Overfill Prot Type:	NULL	Tank Underground:			
Creation Date:	7/5/2009 1:22:04 AM	Panam Related:	NULL		
Expired Date:		Panam Venue Nm:	NULL		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Manufacturer: NULL Source: FS Liquid Fuel Tank Description: UNDERGROUND TANK Serial No: NULL Ulc Standard: NULL Facility Location: 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA					
24	2 of 5	N/166.3	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	EXP
Instance No: 10903120 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 12/20/1990 Instance Install Dt: 12/20/1990 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:22:07 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: UNDERGROUND TANK Serial No: NULL Ulc Standard: NULL Facility Location: 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA					
Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL					
24	3 of 5	N/166.3	79.9 / -1.00	AGF STEEL INC. OTTAWA DIVISION 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No: ON0941101 Status: Registered Approval Years: As of Jul 2020 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 252 L Waste Class Desc: Waste crankcase oils and lubricants					
24	4 of 5	N/166.3	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No: 10903138 Status: Cont Name: Instance Type: Item: FS LIQUID FUEL TANK Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 12/20/1990					
Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Diesel Fuel Type2: NULL Fuel Type3: NULL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Install Year:	1991			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22700			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			

Fuel Storage Tank Details

Owner Account Name: RAYMOND STEEL LTD.

24	5 of 5	N/166.3	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA ON	FST
Instance No:	10903120			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	12/20/1990			Fuel Type3:	NULL
Install Year:	1991			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22700			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		3419 HAWTHORNE RD OTTAWA K1G 4G2 ON CA			

Fuel Storage Tank Details

Owner Account Name: RAYMOND STEEL LTD.

25	1 of 1	SSW/168.0	82.2 / 1.31	3500 Hawthorne Road Ottawa ON	EHS
Order No:	20110311020			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	3/22/2011			Search Radius (km):	0.25
Date Received:	3/11/2011 4:00:24 PM			X:	-75.597846
Previous Site Name:				Y:	45.374296
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			

26	1 of 1	N/172.0	79.9 / -1.00	3419 HAWTHORNE ROAD Ottawa ON	WWIS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well ID: 7302166
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z206466
Tag: A182563
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/22/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 3419 HAWTHORNE ROAD
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006922293
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/6/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 80.852119
Elevrc:
Zone: 18
East83: 453224
North83: 5025038
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock

Materials Interval

Formation ID: 1007921308
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: .31
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1007921311

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007921310			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		92			
Mat3 Desc:		WEATHERED			
Formation Top Depth:		4.27			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007921309			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		92			
Mat3 Desc:		WEATHERED			
Formation Top Depth:		3.96			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007921700			
Layer:		1			
Plug From:		0			
Plug To:		3.1			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007921701			
Layer:		2			
Plug From:		0.31			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		1.22			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007921702			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007922529			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007919846			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007922909			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.52			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007922999			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.52			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007923875			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1007922225
Diameter: 11.43
Depth From: 0
Depth To: 7.57
Hole Depth UOM: m
Hole Diameter UOM: cm

[27](#) 1 of 1 NNW/178.7 80.9 / 0.00 Consumers' #8281 OOGW

Gloucester ON

<p>Licence No: F019786 Well ID: 32037 Well Compl ID: 31688 W Class ID: NULL UWI Code: F019786 Permit Date: NULL Depth(m): 195.68 Well Pool: NULL Completion Date: NULL Depth Reached: 1965-08-13 00:00:00 Capped Date: NULL Class ID: DB Source: Status as of: June 2020 Start Date: 1965-03-08 00:00:00 SPUD Date: 1965-03-08 00:00:00 Class: NULL Grnd Elev: 80.47 KB Elev: 82.60 TVD: NULL PBTD: NULL TD Form: NULL Workover D: NULL Operator: Hayley, Harry & Sons Township: Gloucester Well Name: Consumers' #8281 Target: NULL Target Desc: Well Status Type: Dry Hole Status Type Desc: A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH NO HYDROCARBONS HAVE BEEN ENCOUNTERED Well Status Mode: Abandoned Well Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED Classification: Classification Desc: Cement Rec: NULL Comments: Accuracy is approximate and not verified.</p>	<p>Well Compl: 31688 County: Ottawa/Carleton Block: NULL Lot: 5 Conc: VIRR Surface Lat NAD83: 45.37725000 Surface Long NAD83: -75.59808333 Bottom Lat NAD83: 45.37725000 Bottom Long NAD83: -75.59808333 Lot Sides (m): 117.09 S E/W (m): 70.10 E Latitude Nad27: Longitude Nad27: bottom lat27: bottom long27: Lateral: No Accuracy: 20 Method: Well Records (1954 to 1997) Parent: NULL Prod Top: NULL Prod Bot: NULL PROPD Depth: NULL Location Method: Well Records (1954 to 1997) Location Accuracy: Within 20 metres Dt Obtained: NULL</p>
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[28](#) 1 of 22 N/180.2 79.9 / -1.00 RAYMOND STEEL LTD. PRT
3419 HAWTHORNE RD
OTTAWA ON K1G 4G2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location ID: Type: Expiry Date: Capacity (L): Licence #:		10951 private 45460.00 0001051162			
28	2 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LIMITED 3419 HAWTHORNE RD OTTAWA ON K1G 4G2	SCT
Established: Plant Size (ft²): Employment:		1968 0 223			
--Details--					
Description:		FABRICATED STRUCTURAL METAL			
SIC/NAICS Code:		3441			
Description:		MISCELLANEOUS FABRICATED WIRE PRODUCTS			
SIC/NAICS Code:		3496			
Description:		MISCELLANEOUS STRUCTURAL METAL WORK			
SIC/NAICS Code:		3449			
28	3 of 22	N/180.2	79.9 / -1.00	RAYMOND REBAR INC. 3419 Hawthorne Rd Ottawa ON K1G 4G2	SCT
Established: Plant Size (ft²): Employment:		1980 13000 190			
--Details--					
Description:		Cutlery and Hand Tool Manufacturing			
SIC/NAICS Code:		332210			
Description:		Concrete Reinforcing Bar Manufacturing			
SIC/NAICS Code:		332314			
28	4 of 22	N/180.2	79.9 / -1.00	AGF-Ramond Rebar Inc. 3419 Hawthorne Rd Ottawa ON K1G 4G2	SCT
Established: Plant Size (ft²): Employment:		1948 13000 190			
--Details--					
Description:		Cutlery and Hand Tool Manufacturing			
SIC/NAICS Code:		332210			
Description:		Concrete Reinforcing Bar Manufacturing			
SIC/NAICS Code:		332314			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	5 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	
Approval Years:	98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3029				
SIC Description:	OTHER FAB. STRUCTURES				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
28	6 of 22	N/180.2	79.9 / -1.00	RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3029				
SIC Description:	OTHER FAB. STRUCTURES				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
28	7 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
28	8 of 22	N/180.2	79.9 / -1.00	AGF-Raymond Rebar Inc. 3419 Hawthorne Rd Ottawa ON K1G 4G2	SCT
Established:		01-AUG-48			
Plant Size (ft²):		13000			
Employment:					
--Details--					
Description:		Cutlery and Hand Tool Manufacturing			
SIC/NAICS Code:		332210			
Description:		Concrete Reinforcing Bar Manufacturing			
SIC/NAICS Code:		332314			
Description:		All Other Specialty Trade Contractors			
SIC/NAICS Code:		238990			
28	9 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA ON K1G 4G2	FSTH
License Issue Date:		12/21/1990			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
28	10 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA ON	DTNK

Delisted Expired Fuel Safety Facilities

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No: 9388189 Status: EXPIRED Instance ID: 384523 Instance Type: FS Facility Description: Fuels Safety Private Fuel Outlet - Self Serve TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Original Source: EXP Record Date: Up to Mar 2012					

28	11 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No: 10903129
Status: EXPIRED
Instance ID: 51197
Instance Type: FS Piping
Description: FS Piping
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

28	12 of 22	N/180.2	79.9 / -1.00	RAYMOND STEEL LTD. 3419 HAWTHORNE RD OTTAWA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No: 10903147
Status: EXPIRED
Instance ID: 52372
Instance Type: FS Piping
Description: FS Piping
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

28	13 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
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Generator No: ON0941101 Status: Approval Years: 2009 Contam. Facility: MHSW Facility: SIC Code: 333519	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		Other Metalworking Machinery Manufacturing			
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
28	14 of 22	N/180.2	79.9 / -1.00	3419 Hawthorne Road Ottawa ON K1G 4G2	EHS
Order No:	20120531021			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-JUN-12			Search Radius (km):	.25
Date Received:	31-MAY-12			X:	-75.597806
Previous Site Name:				Y:	45.377084
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
28	15 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	333519				
SIC Description:	Other Metalworking Machinery Manufacturing				
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
28	16 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	333519			Co Admin: Phone No Admin: Other Metalworking Machinery Manufacturing	
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
28	17 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0941101 2012 333519			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Other Metalworking Machinery Manufacturing	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
28	18 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0941101 2013 333519			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: OTHER METALWORKING MACHINERY MANUFACTURING	
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

<u>28</u>	19 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	333519				
SIC Description:	OTHER METALWORKING MACHINERY MANUFACTURING				
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

<u>28</u>	20 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	333519				
SIC Description:	OTHER METALWORKING MACHINERY MANUFACTURING				
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	21 of 22	N/180.2	79.9 / -1.00	AGF RAYMOND REBAR INCORPORATED 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	333519				
SIC Description:	OTHER METALWORKING MACHINERY MANUFACTURING				
Detail(s)					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
28	22 of 22	N/180.2	79.9 / -1.00	AGF STEEL INC. OTTAWA DIVISION 3419 HAWTHORNE ROAD OTTAWA ON K1G 4G2	GEN
Generator No:	ON0941101			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
29	1 of 1	SSW/180.7	82.2 / 1.31	lot 5 con 5 ON	WWIS
Well ID:	7179385			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/12/2012
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	8
Audit No:	C15806			Owner:	
Tag:	A106906			Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	005
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):				Zone: UTM Reliability:		
<u>Bore Hole Information</u>						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	1003753009			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	84.287017 18 453170 5024698 UTM83 4 margin of error : 30 m - 100 m wwr	

30	1 of 1	SSW/184.5	82.8 / 1.93	3500 HAWTHORN AVE OTTAWA ON	WWIS	
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: PDF URL (Map):				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:	7300865 Test Hole Monitoring Observation Wells Z206479 A182654 7241 7 3500 HAWTHORN AVE OTTAWA OTTAWA CITY 660408 18 453197 5024686 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Bore Hole Information</u>						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date:	1006858133			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	84.660408 18 453197 5024686 UTM83 4 margin of error : 30 m - 100 m wwr	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1007050475			
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>		11			
<i>Mat2 Desc:</i>		GRAVEL			
<i>Mat3:</i>		77			
<i>Mat3 Desc:</i>		LOOSE			
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		1.22			
<i>Formation End Depth UOM:</i>		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1007050476			
<i>Layer:</i>		2			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		17			
<i>Most Common Material:</i>		SHALE			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>		74			
<i>Mat3 Desc:</i>		LAYERED			
<i>Formation Top Depth:</i>		1.22			
<i>Formation End Depth:</i>		6.1			
<i>Formation End Depth UOM:</i>		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1007050485			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1007050487			
<i>Layer:</i>		3			
<i>Plug From:</i>		2.74			
<i>Plug To:</i>		6.1			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1007050486			
<i>Layer:</i>		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0.31			
Plug To:		2.74			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050484			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050474			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007050480			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007050481			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1007050479			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050477			
Diameter:		11.43			
Depth From:		0			
Depth To:		1.52			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007050478			
Diameter:		7.62			
Depth From:		1.52			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
31	1 of 4	S/192.5	82.6 / 1.75	City of Ottawa Hunt Club Road and Hawthorne Road Ottawa ON	CA
Certificate #:		2005-856H23			
Application Year:		2010			
Issue Date:		5/7/2010			
Approval Type:		Municipal and Private Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
31	2 of 4	S/192.5	82.6 / 1.75	City of Ottawa Hunt Club Road and Hawthorne Road Ottawa ON	CA
Certificate #:		8493-7ZGL89			
Application Year:		2010			
Issue Date:		1/8/2010			
Approval Type:		Municipal and Private Sewage Works			
Status:		Revoked and/or Replaced			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
31	3 of 4	S/192.5	82.6 / 1.75	City of Ottawa corner of Hunt Club and Hawthorne Ottawa ON	SPL
Ref No:		5610-98FUG2			
Site No:					
Incident Dt:		07-JUN-13			
Year:					
Incident Cause:		Leak/Break			
Incident Event:					
Contaminant Code:		13			
Contaminant Name:		DIESEL FUEL			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Environment Impact:		Not Anticipated			
Discharger Report:					
Material Group:					
Health/Env Conseq:					
Client Type:					
Sector Type:				Truck - Only Saddle Tanks	
Agency Involved:					
Nearest Watercourse:					
Site Address:				corner of Hunt Club and Hawthorne	
Site District Office:					
Site Postal Code:					
Site Region:					
Site Municipality:				Ottawa	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	Other Impact(s) No Field Response 07-JUN-13 Road Conditions spill<UNOFFICIAL> OC Transpo: fuel spill, cleaning 60 L			Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Land Spills

31	4 of 4	S/192.5	82.6 / 1.75	City of Ottawa Intersection of Hawthorne Rd. & Hunt Club Rd. Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	1637-A9WTQB NA 2016/05/13 Leak/Break 27 COOLANT N.O.S. Leak/Break 27 COOLANT N.O.S. Land No 2016/05/13 Equipment Failure OC Transpo bus coolant spill<UNOFFICIAL> OC Transpo: 5 L coolant from bus to road/CB. Contained. 5 L			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Miscellaneous Industrial Intersection of Hawthorne Rd. & Hunt Club Rd. Ottawa 5024679 453225 Land Spills

32	1 of 1	NE/231.8	78.9 / -1.95	GLOUCESTER ON	WDS
Approval No: Mob Unit Cert No: EBR Registry No: Status: Facility Type: Record Type: Link Source: Project Type: Application Status: Issue Date: Input Date: Date Received: Est Closure Date: Mobile Capacity: Mobile Units:	A460705 Revoked and sent to Cooksville 10/26/1979 6/10/93 0			Total Area (ha): Landfill Cap (m³): Transfer Area (ha): Transfer Cap (m³): Transfer Cert No: Inciner. Area (ha): Inciner. Cap (t): Process Area (m³): Process Cap (m³/d): Process Vol (m³): Process Feed (m³): Site Concession: Site Region/County: SWP Area Name: MOE District:	0 0 0 0 0 0 0 0 0 0 0 6 PT OF LOT 5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mobile Description:				District Office:	
Prop City:	OTTAWA, ONTARIO			Latitude:	
Prop Postal:	-			Longitude:	
Prop Phone:				Geometry X:	
Serial Link:	460705			Geometry Y:	
Approval Type:					
Proponent:	HUGH M. GRANT LTD.				
Prop Address:	510 ISLAND PK. DR.				
Proponent County/District:					
Full Address:					
Site Lot:	HAWTHORNE RD., RIDEAU FRONT				
Waste Class Code:					
Waste Class:					
Waste Type:					
Waste Type Other:	No				
Waste Description:					
Landfill Monitoring:					
Landfill Ctrl Type:					
Site Closing Description:					
Project Description:					
Municipalities Served:					
Approval Description:					
Other Approvals/Permits:					
PDF URL:					

33	1 of 1	NE/232.1	78.9 / -1.95	PT 5 6 GLOUCESTER ON	WDSH
Site No.:	A460705				
Region:	SOUTHEAST				
County:	OTTAWA CARLETON				
Concession:	6				
Lot:	PT 5				
Easting:	453350				
Northing:	5024850				
Zone:	18				
Date Closed:	1981/12/31				
Status:	CLOSED				
Classification:	A3 - POTENTIAL HUMAN IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED <10 YRS				
%CommercialWste:	n/a				
%DomesticWste Rec:	n/a				
%LiquidWste Rec:	n/a				
%HazardousWste Rec:	n/a				
%Non-haz.Wste Rec:	n/a				
%Sewage/Sludge Rec:	n/a				
%Other Wste Rec:	n/a				

34	1 of 1	S/232.9	82.6 / 1.69	City of Ottawa 3485 Hawthorne Rd Ottawa ON	CA
Certificate #:	9989-7BZHJA				
Application Year:	2008				
Issue Date:	2/21/2008				
Approval Type:	Municipal and Private Sewage Works				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminants:					
Emission Control:					

35	1 of 1	NE/248.4	78.9 / -2.00	Hawthorne Quarry Dump Gloucester ON K1G 3N4	ANDR
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Legal Description: Gloucester Con 6 Lot 5 pt
Location Description: former quarry, 275m E of Hawthorne Rd*, on McEwan Ck [Green Ck]
Municipality: Gloucester Township
Current Municipality: Gloucester City
RM: Ottawa-Carleton Region
Facility: Dump
Date Active: 1981
Date Begun:
Date Complete: Dec 31 1981
Area (Ha):
Landfill Type: Sanitary landfill
Group Name: McEwan Creek [Green Creek]
Operated By: Gloucester Sand & Gravel?
Serial: MOEE a460705
NTS: 31G05
Diameter (m):

Historical Summary:

Hawthorne Quarry Dump MOEE 1994 Gloucester Con 6 Lot 5 pt cited as closed waste disposal site (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093). 1965 Military Town Plan ASE 306 Not marked, site is 275m E of Hawthorne Rd*, on McEwan Ck [Green Ck] [1965 Military Town Plan Ottawa-Hull ASE 306 Edition 1 (produced 1965)]. 1968 NTS Map 31G05 Not marked [1968 NTS Map Ottawa-Hull Sheet 31G05 edition 7 (air photos 1967, publication 1968)]. 1973 Military Town Plan MCE 306 Not marked [1973 Military Town Plan Ottawa-Hull MCE 306 Edition 2 (information 1972, produced 1973)]. 1976 NTS Map 31G05 Not marked, quarry [1976 NTS Map Ottawa-Hull Sheet 31G05 edition 8 (air photos 1975, culture check 1975, information 1975, publication 1976)]. 1982 Military Town Plan MCE 306 Not marked, quarry [1982 Military Town Plan Ottawa-Hull MCE 306 Edition 5 (information 1980, produced 1982)]. 1983 NTS Map 31G05 Not marked, quarry [1983 NTS Map Ottawa-Hull Sheet 31G05 edition 9 (air photos 1979, culture check 1979, publication 1983)]. 1987 NTS Map 31G05 Not marked [1987 NTS Map Ottawa-Hull Sheet 31G05 edition 10 (air photos 1984, culture check 1985, publication 1987)]. *[1992] MapArt Corporation Ontario, Towns and Cities [Street Atlas]. Gloucester Sand & Gravel Landfill During 1981-2 Gloucester Sand & Gravel landfill had to close due to leachate problems (Ontario MOE Annual Report 1981-2 p. 39).

Waste Type:
UTM X Nad 27: 453350
UTM Y Nad 27: 5024850
UTM Zone: 18

Unplottable Summary

Total: **76** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AGR	LAFARGE CANADA INC.	Lot Pt W 1/2 28, Con VI	GLOUCESTER ON	
CA	R.J. NICOL CONSTRUCTION (1975) LTD.	HUNT CLUB PLACE/CONDOMINIUM LA	OTTAWA CITY ON	
CA	CANDEREL LIMITED-PT. LOT 5, CONC. 3	SITE RD./HUNT CLUB RD.	OTTAWA CITY ON	
CA	OTTAWA CITY	HUNT CLUB RD./S.E. TRANSITWAY	OTTAWA CITY ON	
CA	HIGHCRAFT BUILDERS LTD.	ENTRANCE RD. HAWTHORNE RD.	OTTAWA CITY ON	
CA	1202574 ONTARIO INC.	SAWMILL RIDGE SUB/HUNT CLUB RD	GLOUCESTER CITY ON	
CA	1202574 ONTARIO INC.	SAWMILL RIDGE SUB/HUNT CLUB RD	GLOUCESTER CITY ON	
CA	R.J. NICOL CONSTRUCTION (1975) LTD.	PRIVATE/HUNT CLUB COURT	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB RD.	OTTAWA CITY ON	
CA	OTTAWA CITY NON-PROFIT HOUSING CORP.	MALAK ST. HUNT CLUB BLOCK	OTTAWA CITY ON	
CA	RICHCRAFT HOMES LTD.-LOT. 6, CONC. 4	HUNT CLUB RD./LORRY GREENBERG	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB RD./LEITRIM RD.	GLOUCESTER CITY ON	
CA	CANDEREL LIMITED-PT. LOT 5, CONC. 3	SITE RD./HUNT CLUB RD.	OTTAWA CITY ON	
CA	RICHCRAFT HOMES LIMITED	JOHNSTON RD. HUNT CLUB EXT.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB RD. RIDEAU BRIDGE E	OTTAWA CITY ON	
CA	STORMWATER DETEN			
CA	TRANSPORATION DEPT. R.M. OF OTTAWA-CARLE	HUNT CLUB RIDEAU BRIDGE EAST	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD FEEDERMAIN	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	

CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	WALKLEY RD., HAWTHORNE BUS.PK.	OTTAWA CITY ON	
CA	OTTAWA CITY	HAWTHORNE RD.,LOT 1, CONC. 5	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	STORMW. TREATM. FAC. HUNT CLUB RIDEAU BRIDGE E.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB/CONROY RDS/MALAK ST.	OTTAWA CITY ON	
CA		Hawthorne Avenue	Ottawa ON	
CA	OTTAWA CITY NON-PROFIT HSG. CORP.	MALAK ST. HUNT CLUB BLOCK	OTTAWA CITY ON	
CA		Hawthorne Avenue	Ottawa ON	
CA	City of Ottawa	Hunt Club Road from the intersection of Hawthorne Road east approx. 1030m	Ottawa ON	
CA	RICHCRAFT HOMES LIMITED	NOBLETON AVE/FOX DEN PLACE	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
ECA	Kestrel Properties Inc.	265 West Hunt Club Rd	Ottawa ON	K1M 1J3
ECA	Kestrel Properties Inc.	265 West Hunt Club Rd	Ottawa ON	K1M 1J3
ECA	City of Ottawa	Old Richmond Road (Hope Side to West Hunt Club), West Hunt Club (Old Richmond to HWY 416)	Ottawa ON	K2G 6J8
ECA	4059930 Canada Inc.	Riverside Dr from 32 to 189 m S of Hunt Club Rd	Ottawa ON	K1Y 4R4
ECA	Kestrel Properties Inc.	265 West Hunt Club Rd	Ottawa ON	K1M 1J3
ECA	Tony Graham Motors Limited	299 West Hunt Club, Part of Lots 28&29, Concession "A"	Ottawa ON	K2G 1E3
EHS		Woodroffe Ave (West Hunt Club Rd to CN Rail Line)	Ottawa ON	
GEN	OTTAWA HUNT AND GOLF CLUB, LIMITED	ONE HUNT CLUB ROAD	OTTAWA ON	K1V 1B9
GEN	LAFARGE CANADA INC.	HAWTHORNE QUARRY LOT 28, CONCESSION 6	GLOUCESTER ON	K4B 1J5
GEN	NAVCANADA	TECHNICAL SYSTEMS CENTRE 280 HUNT CLUB ROAD	OTTAWA ON	K1V 1C1

GEN	Department of National Defence	BUILDING 346 S. OF OF HUNT CLUB ROAD & BOWESVILLE RD.	OTTAWA ON	K1A 0S5
GEN	Department of National Defence	BUILDING 346 S. OF OF HUNT CLUB ROAD & BOWESVILLE RD.	OTTAWA ON	K1A 0S5
GEN	IOGEN CORPORATION 21-508	9 LINDBERG PLACE C/O 400 HUNT CLUB ROAD	OTTAWA ON	K1G 3N3
GEN	OTTAWA HUNT AND GOLF CLUB, LIMITED	ONE HUNT CLUB ROAD	OTTAWA ON	K1V 1B9
GEN	HUDSON GEN(OUT OF BUSINESS)NC 20-051	SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P	OTTAWA ON	K1G 3N3
GEN	HUDSON GEN FLIGHT SERVICE INC	SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P	OTTAWA ON	K1G 3N3
GEN	OTTAWA FLYING CLUB	CONC. 2 RFN PT LOT 6 HUNT CLUB RD.	OTTAWA ON	K1G 3N3
GEN	OTTAWA FLYING CLUB 29-334	HUNT CLUB ROAD CONCESSION 2, RFN. PART LOT 6	OTTAWA ON	
GEN	CONSUMERS GAS COMPANY LTD.	LOT 6, CONC. 6 RF (OTTAWA GATE STN) HAWTHORNE ROAD S. OF HUNT CLUB ROAD	GLOUCESTER ON	
GEN	GVT. OF CAN. - TRANSPORT CANADA	SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD.	OTTAWA ON	K1S 5B1
GEN	GVT. OF CAN. - TRANSPORT CANADA 18-233	SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD.	OTTAWA ON	K1S 5B1
PRT	JIM ROMBOUGH OTTAWA FLYING CLUB	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	HUNTCLUB ESSO K BASSETT	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	IMPERIAL OIL ATTN L MCCAMBLEY	HUNT CLUB RD	OTTAWA ON	K1V8S6
SPL	City of Ottawa	Between Hunt Club and South Keys East	Ottawa ON	
SPL	Ravina Transport Inc.	Westbound offramp for Hunt Club	Ottawa ON	
SPL	TRANSPORT TRUCK	WALKLEY OVERPASS OF HWY 417 HUNT CLUB RD. & HWY 16 MOTOR VEHICLE (OPERATING FLUID)	GLOUCESTER CITY ON	
SPL	City of Ottawa	Greenbank Rd northbound at Belman Rd (N of Hunt Club)	Ottawa ON	
SPL	STINSON FUELS	HAWTHORNE AVE AT SUMMIT FOOD SERVICES. TANK TRUCK (CARGO)	GLOUCESTER CITY ON	
SPL	Falcon Motor Xpress Ltd. <UNOFFICIAL>	Hwy 416 at Exit 72 Northbound Hunt Club Rd	Ottawa ON	
SPL	BRUCE FUELS	INTERSECTION OF HAWTHORNE AND BLAIS ROAD, GLOUCESTER (OTTAWA) 35 JAMIE AVE NEPEAN ON	OTTAWA CITY ON	

SPL	UNKNOWN	COTTERS CR OFF OF HUNT CLUB	OTTAWA CITY ON
SPL	Enbridge Gas Distribution Inc.; contractor R. B. Somerville Ltd<UNOFFICIAL>	West Hunt Club Road	Ottawa ON
SPL	SHELL CANADA PRODUCTS LTD.	NORTHSIDE OF HUNT CLUB RD. PART OF LOTS 28,29 CONC ARF, NEPEAN TWP PIPELINE	OTTAWA-CARLETON R. M. ON
SPL		HAWTHORNE RD, JUST SOUTH OF LEITRIM RD.<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Hawthorne Huntclub Loop	Ottawa ON
SPL	Ottawa Transit<UNOFFICIAL>	Ottawa Transitway @ Hunt Club Road	Ottawa ON
SPL		Woodroffe Avenue and West Hunt Club<UNOFFICIAL>	Ottawa ON
SPL		Hunt Club Road	Ottawa ON
SPL		Hawthorne Loop, Hawthorne Road and Hunt Club Road	Ottawa ON
SPL		Hunt Club Drive West near Hawthorne	Ottawa ON
SPL	Ultramar Ltd.; Challenger Trucking Company<UNOFFICIAL>	349 Hawthorne St (Hawthorne and Stevenage)	Ottawa ON
SPL	UNKNOWN	HAWTHORNE RD	OTTAWA CITY ON
SPL	UNKNOWN	SAWMILL CREEK FROM STORAGE TANK AT CORNER OF HUNT CLUB & MACK ST.	GLOUCESTER CITY ON
SPL		Hawthorne Rd btw Stevenage Dr and Ages Dr	Ottawa ON
WWIS		3485 HAWTHORNE RD	OTTAWA ON

Unplottable Report

Site: LAFARGE CANADA INC.
Lot Pt W 1/2 28, Con VI GLOUCESTER ON

Database:
AGR

ID:	4179	Water Status:	Information Not Available
OGF ID:	67240994	Licenced Area (ha):	40.5
Current Status:	ACTIVE	Extraction Area:	
Status Date:		Location Name:	Hawthorne Quarry
Effective Date:		Location Accuracy:	Within 10 metres
Auth Type Desc:	CLASS A LICENCE > 20000 TONNES	Lower Tier Municipi:	OTTAWA
Authority Type:		Upper Tier Municipi:	OTTAWA-CARLETON R
Operation Type:	Quarry	District:	
Max Annual Tonnage:		District Name:	Kemptville
Max Tonnage:	500000	Section:	
Unlimited Tonnage:	No	Shape Area:	0
Source Detail:	Material Reference	Shape Len:	0
Effective Datetime:	2006-04-17T12:52:08.0000000-04:00		
System Datetime:	2006-04-25T11:50:45.0000000-04:00		
Refreshed Datetime:	2020-10-07T09:06:06.0000000-04:00		
Geometry Update Datetime:			

Site: R.J. NICOL CONSTRUCTION (1975) LTD.
HUNT CLUB PLACE/CONDOMINIUM LA OTTAWA CITY ON

Database:
CA

Certificate #: 3-1848-90-
Application Year: 90
Issue Date: 10/16/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CANDEREL LIMITED-PT. LOT 5, CONC. 3
SITE RD./HUNT CLUB RD. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0787-90-
Application Year: 90
Issue Date: 6/11/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY

Database:
CA

HUNT CLUB RD./S.E. TRANSITWAY OTTAWA CITY ON

Certificate #: 3-0498-94-
Application Year: 94
Issue Date: 5/19/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **HIGHCRAFT BUILDERS LTD.**
ENTRANCE RD. HAWTHORNE RD. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0164-88-
Application Year: 88
Issue Date: 3/1/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **1202574 ONTARIO INC.**
SAWMILL RIDGE SUB/HUNT CLUB RD GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0639-97-
Application Year: 97
Issue Date: 7/9/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **1202574 ONTARIO INC.**
SAWMILL RIDGE SUB/HUNT CLUB RD GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0831-97-
Application Year: 97
Issue Date: 7/9/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: R.J. NICOL CONSTRUCTION (1975) LTD.
PRIVATE/HUNT CLUB COURT OTTAWA CITY ON

Database:
CA

Certificate #: 7-1504-90-
Application Year: 90
Issue Date: 10/3/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB RD. OTTAWA CITY ON

Database:
CA

Certificate #: 7-1643-89-
Application Year: 89
Issue Date: 10/17/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY NON-PROFIT HOUSING CORP.
MALAK ST. HUNT CLUB BLOCK OTTAWA CITY ON

Database:
CA

Certificate #: 7-0981-86-
Application Year: 86
Issue Date: 9/8/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHCRAFT HOMES LTD.-LOT. 6, CONC. 4
HUNT CLUB RD./LORRY GREENBERG OTTAWA CITY ON

Database:
CA

Certificate #: 3-0112-92-
Application Year: 92
Issue Date: 2/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:

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

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB RD./LEITRIM RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0245-96-
Application Year: 96
Issue Date: 4/17/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CANDEREL LIMITED-PT. LOT 5, CONC. 3
SITE RD./HUNT CLUB RD. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0945-90-
Application Year: 90
Issue Date: 6/11/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHCRAFT HOMES LIMITED
JOHNSTON RD. HUNT CLUB EXT. OTTAWA CITY ON

Database:
CA

Certificate #: 3-2088-88-
Application Year: 88
Issue Date: 11/3/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON STORMWATER DETEN
HUNT CLUB RD. RIDEAU BRIDGE E OTTAWA CITY ON

Database:
CA

Certificate #: 3-0028-89-
Application Year: 89

Issue Date: 2/24/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TRANSPORTATION DEPT. R.M. OF OTTAWA-CARLE
HUNT CLUB RIDEAU BRIDGE EAST OTTAWA CITY ON

Database:
CA

Certificate #: 3-0565-88-
Application Year: 88
Issue Date: 5/26/1989
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD FEEDERMAIN OTTAWA CITY ON

Database:
CA

Certificate #: 7-1021-94-
Application Year: 94
Issue Date: 10/26/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1112-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1395-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1158-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
WALKLEY RD., HAWTHORNE BUS.PK. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0448-93-
Application Year: 93
Issue Date: 6/18/1993
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
HAWTHORNE RD., LOT 1, CONC. 5 OTTAWA CITY ON

Database:
CA

Certificate #: 3-0678-93-
Application Year: 93
Issue Date: 6/30/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON RIDEAU BRIDGE E.
STORMW. TREATM. FAC. HUNT CLUB OTTAWA CITY ON

Database:
CA

Certificate #: 3-1903-89-
Application Year: 89
Issue Date: 12/5/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB/CONROY RDS/MALAK ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0456-95-
Application Year: 95
Issue Date: 5/17/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Hawthorne Avenue Ottawa ON

Database:
CA

Certificate #: 7616-4JKHU9
Application Year: 00
Issue Date: 4/28/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the installation of storm and sanitary sewers on Hawthorne Avenue, from Main Street to easterly on Concord Street
Contaminants:
Emission Control:

Site: OTTAWA CITY NON-PROFIT HSG. CORP.
MALAK ST. HUNT CLUB BLOCK OTTAWA CITY ON

Database:
CA

Certificate #: 3-1233-86-
Application Year: 86
Issue Date: 9/8/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: Hawthorne Avenue Ottawa ON

Database:
CA

Certificate #: 3628-4JKJGL
Application Year: 00
Issue Date: 4/28/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: This application is for the installation of watermains on Hawthorne Avenue, from Main Street to east of Concord Street
Contaminants:
Emission Control:

Site: City of Ottawa
Hunt Club Road from the intersection of Hawthorne Road east approx. 1030m Ottawa ON

Database:
CA

Certificate #: 3285-85MHMC
Application Year: 2010
Issue Date: 5/21/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHCRAFT HOMES LIMITED
NOBLETON AVE/FOX DEN PLACE OTTAWA CITY ON

Database:
CA

Certificate #: 3-0800-99-
Application Year: 99
Issue Date: 7/15/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1277-88-

Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Kestrel Properties Inc.*
265 West Hunt Club Rd Ottawa ON K1M 1J3

Database:
ECA

Approval No: 6494-7KUNXA
Approval Date: 2008-10-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: 265 West Hunt Club Rd
Full Address:
Full PDF Link:

MOE District: Ottawa
City:
Longitude: -75.70331
Latitude: 45.332603
Geometry X:
Geometry Y:

Site: *Kestrel Properties Inc.*
265 West Hunt Club Rd Ottawa ON K1M 1J3

Database:
ECA

Approval No: 2658-9FFKM5
Approval Date: 2014-02-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 265 West Hunt Club Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6256-9EZSP4-14.pdf>

MOE District: Ottawa
City:
Longitude: -75.70331
Latitude: 45.332603
Geometry X:
Geometry Y:

Site: *City of Ottawa*
Old Richmond Road (Hope Side to West Hunt Club), West Hunt Club (Old Richmond to HWY 416) Ottawa ON K2G 6J8

Database:
ECA

Approval No: 7977-B44SYC
Approval Date: 2018-09-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Old Richmond Road (Hope Side to West Hunt Club), West Hunt Club (Old Richmond to HWY 416)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7050-AWUJMA-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *4059930 Canada Inc.*
Riverside Dr from 32 to 189 m S of Hunt Club Rd Ottawa ON K1Y 4R4

Database:
ECA

Approval No: 9641-5KYMHT
MOE District:

Approval Date: 2003-03-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Riverside Dr from 32 to 189 m S of Hunt Club Rd
Full Address:
Full PDF Link:

City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **Kestrel Properties Inc.**
265 West Hunt Club Rd Ottawa ON K1M 1J3

Database:
ECA

Approval No: 1175-7KUPSM
Approval Date: 2008-10-29
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 265 West Hunt Club Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9162-7KLPT4-14.pdf>

MOE District: Ottawa
City:
Longitude: -75.70331
Latitude: 45.332603
Geometry X:
Geometry Y:

Site: **Tony Graham Motors Limited**
299 West Hunt Club, Part of Lots 28&29, Concession "A" Ottawa ON K2G 1E3

Database:
ECA

Approval No: 0572-7RUHCE
Approval Date: 2009-05-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: 299 West Hunt Club, Part of Lots 28&29, Concession "A"
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5285-7PYQGN-14.pdf>

MOE District: Ottawa
City:
Longitude: -75.7115
Latitude: 45.337700000000005
Geometry X:
Geometry Y:

Site: **Woodroffe Ave (West Hunt Club Rd to CN Rail Line) Ottawa ON**

Database:
EHS

Order No: 20040713004
Status: C
Report Type: Custom Report
Report Date: 7/15/04
Date Received: 7/12/04
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.741446
Y: 1

Site: **OTTAWA HUNT AND GOLF CLUB, LIMITED**
ONE HUNT CLUB ROAD OTTAWA ON K1V 1B9

Database:
GEN

Generator No: ON0979100
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

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

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

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

Site: LAFARGE CANADA INC.
HAWTHORNE QUARRY LOT 28, CONCESSION 6 GLOUCESTER ON K4B 1J5

Database:
GEN

Generator No: ON0430012
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 213 L
Waste Class Desc: Petroleum distillates

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

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 222 L
Waste Class Desc: Heavy fuels

Waste Class: 221 L
Waste Class Desc: Light fuels

Site: NAVCANADA
TECHNICAL SYSTEMS CENTRE 280 HUNT CLUB ROAD OTTAWA ON K1V 1C1

Database:
GEN

Generator No: ON0175117
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 334511
SIC Description: Navigational and Guidance Instruments Manufacturing

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

Detail(s)

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 241

Waste Class Desc: HALOGENATED SOLVENTS
Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES
Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS
Waste Class: 131
Waste Class Desc: NEUTRALIZED WASTES - HEAVY METALS
Waste Class: 232
Waste Class Desc: POLYMERIC RESINS
Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS
Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS
Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS
Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS
Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: *Department of National Defence*
BUILDING 346 S. OF OF HUNT CLUB ROAD & BOWESVILLE RD. OTTAWA ON K1A 0S5

Database:
GEN

Generator No:	ON0046500	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_ADMIN
Contam. Facility:	No	Co Admin:	Karin Frederking
MHSW Facility:	No	Phone No Admin:	819-775-7413 Ext.
SIC Code:	911110		
SIC Description:	911110		

Detail(s)

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS
Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES
Waste Class: 135
Waste Class Desc: REACTIVE ANION WASTES
Waste Class: 243
Waste Class Desc: PCBS
Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS
Waste Class: 222
Waste Class Desc: HEAVY FUELS
Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES
Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

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

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

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

Waste Class: 134
Waste Class Desc: SULPHIDE-CONTAINING WASTES

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

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

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

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Site: Department of National Defence
 BUILDING 346 S. OF OF HUNT CLUB ROAD & BOWESVILLE RD. OTTAWA ON K1A 0S5

Database:
 GEN

Generator No: ON0046500
Status:

PO Box No:
Country: Canada

Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 911110
SIC Description: 911110

Choice of Contact: CO_ADMIN
Co Admin: Karin Frederking
Phone No Admin: 819-775-7413 Ext.

Detail(s)

Waste Class: 134
Waste Class Desc: SULPHIDE-CONTAINING WASTES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 135
Waste Class Desc: REACTIVE ANION WASTES

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

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

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

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

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

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 241

Waste Class Desc: HALOGENATED SOLVENTS
Waste Class: 221
Waste Class Desc: LIGHT FUELS
Waste Class: 268
Waste Class Desc: AMINES
Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES
Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES
Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES
Waste Class: 243
Waste Class Desc: PCBS

Site: IOGEN CORPORATION 21-508
9 LINDBERG PLACE C/O 400 HUNT CLUB ROAD OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON0834101
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 3999
SIC Description: OTHER MANU. PROD.
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: OTTAWA HUNT AND GOLF CLUB, LIMITED
ONE HUNT CLUB ROAD OTTAWA ON K1V 1B9

Database:
GEN

Generator No: ON0979100
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

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

Site: HUDSON GEN(OUT OF BUSINESS)NC 20-051
SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON0244502
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: HUDSON GEN FLIGHT SERVICE INC
SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON0244502
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: OTTAWA FLYING CLUB
CONC. 2 RFN PT LOT 6 HUNT CLUB RD. OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON1004700
Status:
Approval Years: 88,89
Contam. Facility:
MHSW Facility:
SIC Code: 9659
SIC Description: OTHER SPORT/REC.

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

Detail(s)

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: OTTAWA FLYING CLUB 29-334
HUNT CLUB ROAD CONCESSION 2, RFN. PART LOT 6 OTTAWA ON

Database:
GEN

Generator No: ON1004700
Status:
Approval Years: 95,96
Contam. Facility:
MHSW Facility:
SIC Code: 9659
SIC Description: OTHER SPORT/REC.

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Site: CONSUMERS GAS COMPANY LTD.
LOT 6, CONC. 6 RF (OTTAWA GATE STN) HAWTHORNE ROAD S. OF HUNT CLUB ROAD GLOUCESTER ON

Database:
GEN

Generator No: ON0060824
Status:
Approval Years: 94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 4921
SIC Description: GAS DISTIRB. SYS.

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: GVT. OF CAN. - TRANSPORT CANADA
SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD. OTTAWA ON K1S 5B1

Database:
GEN

Generator No: ON0175100
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4521
SIC Description: AIRPORT OPER. IND.

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

Site: GVT. OF CAN. - TRANSPORT CANADA 18-233
SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD. OTTAWA ON K1S 5B1

Database:
GEN

Generator No: ON0175100
Status:
Approval Years: 92,93,94
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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

Site: JIM ROMBOUGH OTTAWA FLYING CLUB
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 0
Licence #: 0020409001

Site: HUNTCLUB ESSO K BASSETT
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1996-02-29
Capacity (L): 136200
Licence #: 0076435098

Site: IMPERIAL OIL ATTN L MCCAMBLEY
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
[PRT](#)

Location ID: 10954
Type: retail
Expiry Date: 1995-01-31
Capacity (L): 136200
Licence #: 0076408079

Site: City of Ottawa
Between Hunt Club and South Keys East Ottawa ON

Database:
[SPL](#)

Ref No:	2683-BBFQ34	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	4/21/2019	Health/Env Conseq:	0 - No Impact
Year:		Client Type:	Municipal Government
Incident Cause:		Sector Type:	Miscellaneous Communal
Incident Event:	Leak/Break	Agency Involved:	
Contaminant Code:	27	Nearest Watercourse:	
Contaminant Name:	COOLANT N.O.S.	Site Address:	Between Hunt Club and South Keys East
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:	n/a	Site Postal Code:	
Contaminant UN No 1:	n/a	Site Region:	Eastern
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:	Land	Northing:	
MOE Response:	No	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/21/2019	Site Map Datum:	
Dt Document Closed:	4/29/2019	SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	Motor Vehicle
Site Name:	Ottawa Transitway<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Duplicate Report: See IR# 3074-BBFPFN		
Contaminant Qty:	10 L		

Site: Ravina Transport Inc.
Westbound offramp for Hunt Club Ottawa ON

Database:
[SPL](#)

Ref No:	6406-A8KLG8	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	2016/03/31	Health/Env Conseq:	
Year:		Client Type:	Unknown / N/A
Incident Cause:		Sector Type:	
Incident Event:	Collision/Accident	Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	Westbound offramp for Hunt Club
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:	Land	Northing:	
MOE Response:	No	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2016/03/31	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Operator/Human Error	Source Type:	
Site Name:	416 Highway<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TT accident, fuel leaking from saddle tank to grate		

Contaminant Qty: 600 L

Site: TRANSPORT TRUCK
WALKLEY OVERPASS OF HWY 417 HUNT CLUB RD. & HWY 16 MOTOR VEHICLE (OPERATING FLUID)
GLOUCESTER CITY ON

Database:
SPL

Ref No:	90786	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/3/1993	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:	NOT ANTICIPATED	Site Municipality:	20105
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	RMOC, ROADS, PD, FD
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/3/1993	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	MATERIAL FAILURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CARBANO-KINGSWAY TP: 75L DIESEL OVER SEVERAL STREETS.		
Contaminant Qty:			

Site: City of Ottawa
Greenbank Rd northbound at Belman Rd (N of Hunt Club) Ottawa ON

Database:
SPL

Ref No:	8317-8PB698	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/6/2011	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	27	Nearest Watercourse:	
Contaminant Name:	COOLANT (N.O.S.)	Site Address:	Greenbank Rd northbound at Belman Rd (N of Hunt Club)
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Sewage - Municipal/Private and Commercial	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/6/2011	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:		Source Type:	
Site Name:	Storm CB<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo- coolant to CB		
Contaminant Qty:	40 L		

Site: STINSON FUELS
HAWTHORNE AVE AT SUMMIT FOOD SERVICES. TANK TRUCK (CARGO) GLOUCESTER CITY ON

Database:
SPL

Ref No: 159263
Site No:
Incident Dt: 8/21/1998
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/21/1998
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20105
Site Lot:
Site Conc:
Northing:
Easting: 98
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

STINSON FUELS-20 L DIESEL TO CONCRETE, U/G TANK OVER-FILLED, CLEANED UP.

Site: **Falcon Motor Xpress Ltd.<UNOFFICIAL>**
Hwy 416 at Exit 72 Northbound Hunt Club Rd Ottawa ON

Database:
SPL

Ref No: 5562-94QBZC
Site No:
Incident Dt: 08-FEB-13
Year:
Incident Cause: Collision/Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 08-FEB-13
Dt Document Closed:
Incident Reason: Weather Conditions
Site Name: Accident<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty: 0 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Truck - Transport/Hauling
Agency Involved:
Nearest Watercourse:
Site Address: Hwy 416 at Exit 72 Northbound Hunt Club Rd
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Highway Spills (usually highway accidents)
Source Type:

Site: **BRUCE FUELS**
INTERSECTION OF HAWTHORNE AND BLAIS ROAD, GLOUCESTER (OTTAWA) 35 JAMIE AVE NEPEAN ON
OTTAWA CITY ON

Database:
SPL

Ref No: 220760
Site No:
Incident Dt: 2/1/2002
Year:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Contaminant Code:
Contaminant Name:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: FIRE, FIRE HAZ-MAT, WORKS
Agency Involved:
Nearest Watercourse:
Site Address:

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/1/2002
Dt Document Closed:
Incident Reason: ADVERSE ROAD CONDITION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BRUCE FUELS: MVA - TRUCK IN DITCH CARRYING FURNACE OIL (7500 L) LEAKING.
Contaminant Qty:

Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: UNKNOWN
 COTTERS CR OFF OF HUNT CLUB OTTAWA CITY ON

Database:
 SPL

Ref No: 225519
Site No:
Incident Dt: 5/15/2002
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/15/2002
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UNKNOWN: OIL SPILL
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Enbridge Gas Distribution Inc.; contractor R. B. Somerville Ltd<UNOFFICIAL>
 West Hunt Club Road Ottawa ON

Database:
 SPL

Ref No: 8138-9A7MZ3
Site No:
Incident Dt: 2013/08/01
Year:
Incident Cause: Unknown / N/A
Incident Event:
Contaminant Code: 99
Contaminant Name: BENTONITE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse: West Hunt Club Road
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:

MOE Reported Dt: 2013/08/02 **Site Map Datum:**
Dt Document Closed: Unknown / N/A **SAC Action Class:** Primary Assessment of Spills
Incident Reason: Unknown / N/A **Source Type:**
Site Name: road allowance - 200 M east of Cedarview Rd<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Enbridge: ~ 3000 L bentonite to grnd; cntnd & clnd
Contaminant Qty: 2840 L

Site: SHELL CANADA PRODUCTS LTD.
 NORTHSIDE OF HUNT CLUB RD. PART OF LOTS 28,29 CONC ARF, NEPEAN TWP PIPELINE OTTAWA-CARLETON
 R.M. ON **Database:** SPL

Ref No: 41705 **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 10/4/1990 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: PIPE/HOSE 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: CONFIRMED **Site Municipality:** 20000
Nature of Impact: Soil contamination **Site Lot:**
Receiving Medium: LAND **Site Conc:**
Receiving Env: **Northing:**
MOE Response: **Easting:** M.O.E.
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 10/4/1990 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:**
Incident Reason: UNKNOWN **Source Type:**
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL- PETROLEUM PRODUCT FOUND IN BORE HOLES.
Contaminant Qty:

Site: HAWTHORNE RD, JUST SOUTH OF LEITRIM RD.<UNOFFICIAL> Ottawa ON **Database:** SPL

Ref No: 6807-62AKB9 **Discharger Report:**
Site No: **Material Group:** Oil
Incident Dt: 6/25/2004 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: Other Discharges **Sector Type:** Other Motor Vehicle
Incident Event: **Agency Involved:**
Contaminant Code: 15 **Nearest Watercourse:**
Contaminant Name: HYDRAULIC OIL **Site Address:**
Contaminant Limit 1: **Site District Office:** Ottawa
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:** Eastern
Environment Impact: Not Anticipated **Site Municipality:** Ottawa
Nature of Impact: Soil Contamination **Site Lot:**
Receiving Medium: Land **Site Conc:**
Receiving Env: **Northing:**
MOE Response: **Easting:**
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 6/25/2004 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:** Spill to Land
Incident Reason: Unknown - Reason not determined **Source Type:**
Site Name: HAWTHORNE RD, JUST SOUTH OF LEITRIM RD.<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Lacombe waste-10 L hydraulic oil to rd, cleaning.
Contaminant Qty: 10 L

Site: City of Ottawa
Hawthorne Huntclub Loop Ottawa ON

Database:
SPL

Ref No: 5401-AFTQVP
Site No: NA
Incident Dt: 2016/11/18
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 27
Contaminant Name: COOLANT (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/11/18
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: Roadside and CB<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 15 glycol to road / CB, cleaning
Contaminant Qty: 15 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address: Hawthorne Huntclub Loop
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5022009
Easting: 448861
Site Geo Ref Accu: GPS
Site Map Datum:
SAC Action Class: Primary Assessment of Spills
Source Type:

Site: Ottawa Transit<UNOFFICIAL>
Ottawa Transitway @ Hunt Club Road Ottawa ON

Database:
SPL

Ref No: 5425-5LTGGT
Site No:
Incident Dt: 4/21/2003
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: 15
Contaminant Name: TRANSMISSION OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/21/2003
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: OTTAWA TRANSITWAY @ HUNT CLUB ROAD<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa Transitway - transmission oil spill to grnd
Contaminant Qty: 30 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Notification; Spill to Land
Source Type:

Site: Woodroffe Avenue and West Hunt Club<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No: 8444-7ALFW9
Site No:
Incident Dt:

Discharger Report:
Material Group:
Health/Env Conseq:

Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/6/2008
Dt Document Closed: 4/17/2008
Incident Reason:
Site Name: Woodroffe Avenue and West Hunt Club<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Woodroffe Avenue: MVA: 40 gallons of diesel to ground
Contaminant Qty: 180 L

Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Site:
Hunt Club Road Ottawa ON

Database:
SPL

Ref No: 4700-BQXLPC
Site No: NA
Incident Dt: 2020/06/25
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/06/26
Dt Document Closed: 2020/07/17
Incident Reason: Unknown / N/A
Site Name: Roadway<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TIPS: Large oil spill on Hunt Club Road
Contaminant Qty: 1 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: Hunt Club Road
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5021538.48
Easting: 447892.99
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type: Unknown / N/A

Site:
Hawthorne Loop, Hawthorne Road and Hunt Club Road Ottawa ON

Database:
SPL

Ref No: 7717-A82GV5
Site No: NA
Incident Dt: 2016/03/14
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: Hawthorne Loop, Hawthorne Road and Hunt Club Road
Site District Office:
Site Postal Code:
Site Region:

Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/03/14
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: Bus failure site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 10 L coolant to road, CB, clng
Contaminant Qty: 10 L

Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5024679
Easting: 453225
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Site: **Hunt Club Drive West near Hawthorne Ottawa ON**

Database:
SPL

Ref No: 5082-7X7J3M
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/26/2009
Dt Document Closed: 11/10/2009
Incident Reason:
Site Name: transmission oil spill.<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa: Valma Forming, 40 L transmission oil spill, cleaning
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Site: **Ultramar Ltd.; Challenger Trucking Company<UNOFFICIAL>**
349 Hawthorne St (Hawthorne and Stevenage) Ottawa ON

Database:
SPL

Ref No: 0155-5W8QCA
Site No:
Incident Dt: 2/16/2004
Year:
Incident Cause: Valve / Fitting Leak Or Failure
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/16/2004
Dt Document Closed:
Incident Reason: Equipment Failure - Malfunction of system

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Service Station
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spill to Inland Watercourses
Source Type:

components

Site Name: ULTRAMAR SERVICE STATION<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ultramar - 5 Gal Diesel to Storm Sewer
Contaminant Qty: 45.5 L

Site: UNKNOWN
HAWTHORNE RD OTTAWA CITY ON

Database:
SPL

Ref No: 142710
Site No:
Incident Dt: 6/26/1997
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/26/1997
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UNKNOWN SOURCE:50L ACID SPILLED TO MUNICIPAL ROAD.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: UNKNOWN
SAWMILL CREEK FROM STORAGE TANK AT CORNER OF HUNT CLUB & MACK ST. GLOUCESTER CITY ON

Database:
SPL

Ref No: 153841
Site No:
Incident Dt: 3/28/1998
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Water course or lake
Receiving Medium: WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/28/1998
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SOURCE UNK. - OIL TO SAWMILL CREEK FROM COMM. TOWER SITE.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20105
Site Lot:
Site Conc:
Northing:
Easting: GLOUCESTER & OTTAWA WORKS, FIRE DEP
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site:

Hawthorne Rd btw Stevenage Dr and Ages Dr Ottawa ON

Database:
SPL

Ref No: 4076-8G2SX2
Site No:
Incident Dt: 4/18/2011
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Further Response (PR-PIR Table A)
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/18/2011
Dt Document Closed: 4/28/2011
Incident Reason: Equipment/Vehicles
Site Name: Hawthorne Rd<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Diesel Spill 250L's to rd and cb
Contaminant Qty: 250 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Tank Truck
Agency Involved:
Nearest Watercourse:
Site Address: Hawthorne Rd btw Stevenage Dr and Ages Dr
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site:

3485 HAWTHORNE RD OTTAWA ON

Database:
WWIS

Well ID: 7040453
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z34831
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 1/25/2007
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6964
Form Version: 3
Owner:
Street Name: 3485 HAWTHORNE RD
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11762947
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 12/20/2006
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment
Sealing Record

Plug ID: 933313412
Layer: 2
Plug From: 0.2
Plug To: 6
Plug Depth UOM: m

Annular Space/Abandonment
Sealing Record

Plug ID: 933313411
Layer: 1
Plug From: 0
Plug To: 0.2
Plug Depth UOM: m

Method of Construction & Well
Use

Method Construction ID: 967040453
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11770637
Casing No: 1
Comment:
Alt Name:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Dec 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks:

Provincial 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.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Dec 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Dec 31, 2020

Drill Hole Database:Provincial [DRL](#)

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

Government Publication Date: 1886 - Sep 2020**Delisted Fuel Tanks:**Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020**Environmental Activity and Sector Registry:**Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Dec 31, 2020**Environmental Registry:**Provincial [EBR](#)

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

Government Publication Date: 1994-Dec 31, 2020**Environmental Compliance Approval:**Provincial [ECA](#)

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

Government Publication Date: Oct 2011- Dec 31, 2020**Environmental Effects Monitoring:**Federal [EEM](#)

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

Government Publication Date: 1992-2007***ERIS Historical Searches:**Private [EHS](#)

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

Government Publication Date: 1999-Oct 31, 2020**Environmental Issues Inventory System:**Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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 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.

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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:

Provincial **FST**

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: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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 is 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: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells:

Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Dec 31, 2020

Canadian Pulp and Paper:

Private

PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011-Dec 31, 2020

Pipeline Incidents:

Provincial PINC

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 historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Dec 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

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

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. 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-Mar 2020; Jul 2020 - Aug 2020

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private [TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

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

Government Publication Date: 1970-Aug 2019

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011-Dec 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

CHAIN OF TITLE REPORT

Project #: FE-21-10966
 Address: 3455 Hawthorne Road, Ottawa
 Legal Description: Part Lot 5 Con 6 Rideau Front
Gloucester Part 1 5R-8761
Except Pt 2, 4R13939
 PIN #: 04161-0072 (LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 Acres)	22 09 1838	Crown	Miles READ
GL27736	Deed	02 06 1915	Miles Read - Estate	William P. JOHNSTON
GL57873	Deed	28 05 1957	William P. Johnston	Berthilda JOHNSTON
OT33912	Deed	04 12 1958	Berthilda Johnston	Campeau Construction Company Liimited
NS69878	Deed	10 10 1979	Campeau Corp. (Formerly Campeau Construction Company Liimited)	Hugh M. Grant Ltd.
NS69879	Mortgage	10 10 1979	Hugh M. Grant Ltd.	Campeau Corp. (Mortgagee)
NS263988	Order of Foreclosure	01 11 1984	Supreme Court of Ontario (Hugh M. Grant Ltd. defaulted in Mtg NS69879)	Campeau Corp.
N493057	Deed	30 06 1989	Campeau Corp.	Juri KUKK, in trust
N764355	Easement	18 11 1998	Juri KukK, in trust	The Regional Municipality of Ottawa-Carleton
OC2147874	Deed (Present Owner)	27 09 2019	Juri KukK, in trust	3455 Hawthorne Storage GP Corporation

PROPERTY DESCRIPTION: PT LT 5 CON 6RF GLOUCESTER PT 1, 5R8761, EXCEPT PT 2, 4R13939 ; S/T N764355 GLOUCESTER

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 04161-0123

PIN CREATION DATE:
1999/10/22

OWNERS' NAMES
3455 HAWTHORNE STORAGE GP CORPORATION

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/05/26 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/10/22**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1999/10/22 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1999/10/25 **</p>						
OT54451	1963/01/22	BYLAW				C
REMARKS: SUBDIVISION CONTROL, MULTI						
5R8761	1985/02/20	PLAN REFERENCE				C
N493057	1989/06/30	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	KUKK, JURI	
N742473	1996/06/06	CERT TAX ARREARS		*** COMPLETELY DELETED ***		
CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'CERTIFICATE' TO 'CERT TAX ARREARS' ON 1999/11/18 BY MONICA WASAG.						
N747881	1996/09/24	NOTICE		*** COMPLETELY DELETED ***	THE CITY OF OTTAWA	
4R13939	1998/07/09	PLAN REFERENCE				C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
REGISTRY
OFFICE #4

04161-0072 (LT)

PREPARED FOR bertucci
ON 2021/02/15 AT 14:25:41

* 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
N764355	1998/11/18	TRANSFER EASEMENT	\$69	KURR, JURI IN TRUST	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
N769458	1999/09/08	CHARGE		*** DELETED AGAINST THIS PROPERTY *** KUKK, JURI IN TRUST	ACHBAR INTERESTS LIMITED	
LT1239456	1999/10/27	CT TAX ARREAR CANC		*** COMPLETELY DELETED ***	THE CORPORATION OF THE CITY OF OTTAWA	
		REMARKS: RE: N742473				
OC94234	2002/07/16	CERT TAX ARREARS		*** COMPLETELY DELETED *** CITY OF OTTAWA		
OC106803	2002/08/15	DECLARATION		*** COMPLETELY DELETED *** CITY OF OTTAWA		
		REMARKS: OC94234				
OC439415	2005/03/03	CT TAX ARREAR CANC		*** COMPLETELY DELETED ***	CITY OF OTTAWA	
		REMARKS: RE: OC94234				
OC480705	2005/07/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** ACHBAR INTERESTS LIMITED		
		REMARKS: RE: N769458				
OC1349872	2012/04/11	LIEN		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
OC1825520	2016/09/09	NOTICE OF LEASE		*** COMPLETELY DELETED *** WILLIAMS SCOTSMAN OF CANADA, INC.	WILLIAMS SCOTSMAN OF CANADA, INC.	
OC2130668	2019/08/14	DISCHARGE INTEREST		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
		REMARKS: OC1349872.				
OC2147404	2019/09/27	APL (GENERAL)		*** COMPLETELY DELETED *** KUKK, JURI		
		REMARKS: DELETE OC1825520				
OC2147874	2019/09/27	TRANSFER	\$4,375,000	KUKK, JURI	3455 HAWTHORNE STORAGE GP CORPORATION	C
		REMARKS: PLANNING ACT STATEMENTS.				

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

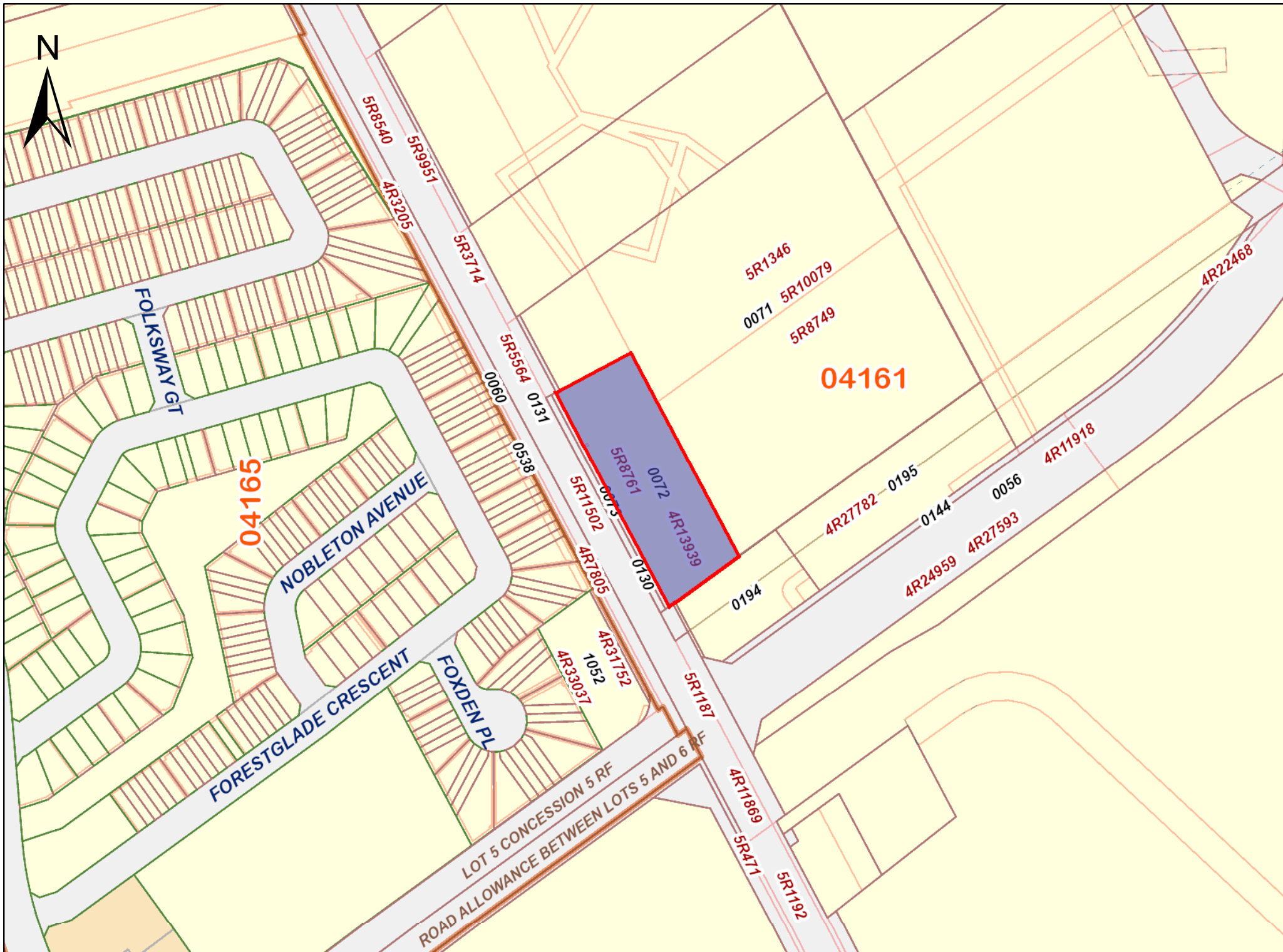
LAND
 REGISTRY
 OFFICE #4

04161-0072 (LT)

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

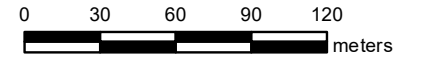
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC2147875	2019/09/27	CHARGE	\$200,000,000	3455 HAWTHORNE STORAGE GP CORPORATION	KINGSETT MORTGAGE CORPORATION	C
OC2147876	2019/09/27	NO ASSGN RENT GEN		3455 HAWTHORNE STORAGE GP CORPORATION	KINGSETT MORTGAGE CORPORATION	C
REMARKS: OC2147875. OC2147875						

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.



PRINTED ON 15 FEB, 2021 AT 14:27:35
FOR BERTUCCI

SCALE



PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

**REVIEW THE TITLE RECORDS FOR COMPLETE
PROPERTY INFORMATION AS THIS MAP MAY
NOT REFLECT RECENT REGISTRATIONS**

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
REGISTRATION SYSTEM AND HAS BEEN PREPARED
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



Ministry of the Environment
 Freedom of Information and Protection of Privacy Office
 40 St. Clair Avenue West, 12th Floor
 Toronto, ON M4V 1M2
 Tel: 416-314-4075
 Fax: 416-314-4285



Use this form to request records that are in the Ministry's files on environmental concerns related to properties.
 Please refer to the guide on the completion and use of this form. Our fax no. is 416-314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Yvonne Hoogeveen Fisher Environmental Ltd. 400 Esna Park Drive, Unit 15 Markham, Ontario L3R 3K2 Email Address: yvonne@fisherenvironmental.com			FOI Request No.	Date Request Received
			Fee Paid <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC/AMEX <input type="checkbox"/> CASH/MONEY ORDER	
Tel: 905-475-7755 Fax: 905-475-7718	Your Project/ Reference No. FE-21-10966	Signature of Requester Feb. 5, 2021	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	
Request Parameters				
Municipal Address/Lot, Concession, Geographic Township (Municipal address mandatory for cities, towns or regions) 3455 Hawthorne Road, Ottawa, ON				
Present Property Owner(s) and Date(s) of Ownership Dymon Group of Companies				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s) (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All years	
Orders			All years	
Spills			All years	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All years	
Waste Generator number/classes			All years	
Certificates of Approval ▶ Proponent information must be provided and Certificates 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 of records to be searched. If supporting documents are also required, mark SD box.				
			SD	Specify Year(s) Requested
Air - emissions				
Renewable Energy				
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
Waste water - industrial discharge				
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			

Yvonne Hoogeveen

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: February 5, 2021 2:52 PM
To: Yvonne Hoogeveen
Subject: RE: Request for information

Good afternoon,

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 https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org 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.

Thanks,



Sherees Thompson | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org



From: Yvonne Hoogeveen <Yvonne@fisherenvironmental.com>
Sent: February 5, 2021 1:47 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Request for information

[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.

Hello,

Please forward any information you may have for 3455 Hawthorne Road, Ottawa
Thank you and have a wonderful day.

Yvonne Hoogeveen, P.Eng.

Fisher Environmental Ltd. | www.fisherenvironmental.com

T 905 475 7755 x 29 C 416 662 5351 F 905 475 7718

15-400 Esna Park Drive, Markham ON, L3R 3K2

Phase I ESA Documentation of Interviews

1. Interview Design

The scope of the phase one environmental site assessment interview(s) was to:

- a. Obtain information to assist in determining if an area of potential environmental concern exists.
- b. Identify details of PCA or potential contaminant pathways in, on or under the phase one property.

Questions requesting availability or knowledge of site operating records and physical settings in the phase one study area since the first developed use of the site were directed at, and/or have aimed at making all reasonable efforts to inquire about, the current property owner of the phase one property.

2. Information Gleaned, Compared and Validated through Interviews with

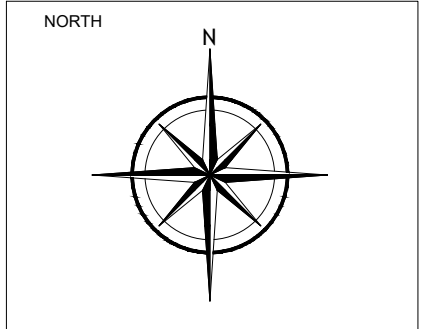
a) Property Owner

Date, Time and Duration of Interview:		February 15, 2021, 11:00 a.m., 1 hour.	
Method and Place of Interview:		By telephone	
Name of Person:		Stephen Creighton	
Reason for Person Selection:		Person with detailed knowledge of current site activities (and/or history).	
Key Questions:		Answers:	Comparison to other Information Sources and Validity of Information:
1.	Have a Phase I ESA, Phase II ESA, Site Remediation and/or other environmental audit reports been previously conducted for the Site, when, and are they available for review?	Fisher did a Phase II ESA in 2019	The report was available for review. No soil or groundwater contamination was found.
2.	What is the main current activity conducted at the Site? Since when?	Vacant and unoccupied right now	Site investigation confirmed that the Site was unoccupied
3.	What were the main past activities conducted at the Site? During what periods?	Outside storage only, not sure for how long	Aerial photos confirm the Site remained undeveloped
4.	Was there any construction activity conducted at the site in the past years?	None	Aerial photos confirm none.
5.	Are there any site operating records available for review, such as: MSDS, underground utility drawings, chemicals usage and storage areas, environmental monitoring data, current and historical waste management records and waste storage locations, records of spills and discharge of contaminants, and C of A?	No	Current owner has not operated on this Site, no records provided by previous owner
6.	Do you have knowledge of any current or former underground or aboveground storage tanks, and their location at the site?	No tanks	TSSA confirms no tanks on Site
7.	Do you have knowledge of any activities and events occurred at neighbouring properties that may have affected their environmental condition?	Gas Station next door but that is fairly new	Site investigation, records review and groundwater flow direction show the gas station is low risk
8.	Do you have knowledge of presence or location of on-site or off-site operating or abandoned water wells or monitoring wells?	Not to my knowledge	None were observed during the Site investigation

APPENDIX C – TOPOGRAPHICAL, GEOLOGICAL & OTHER MAPS



400 Esna Park Dr., #15 Tel: 905 475-7755
 Markham, Ontario Fax: 905 475-7718
 L3R 3K2



LEGEND

— PHASE I PROPERTY

PROJECT NAME AND ADDRESS

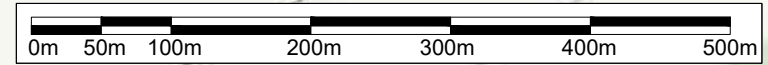
PHASE I RSC

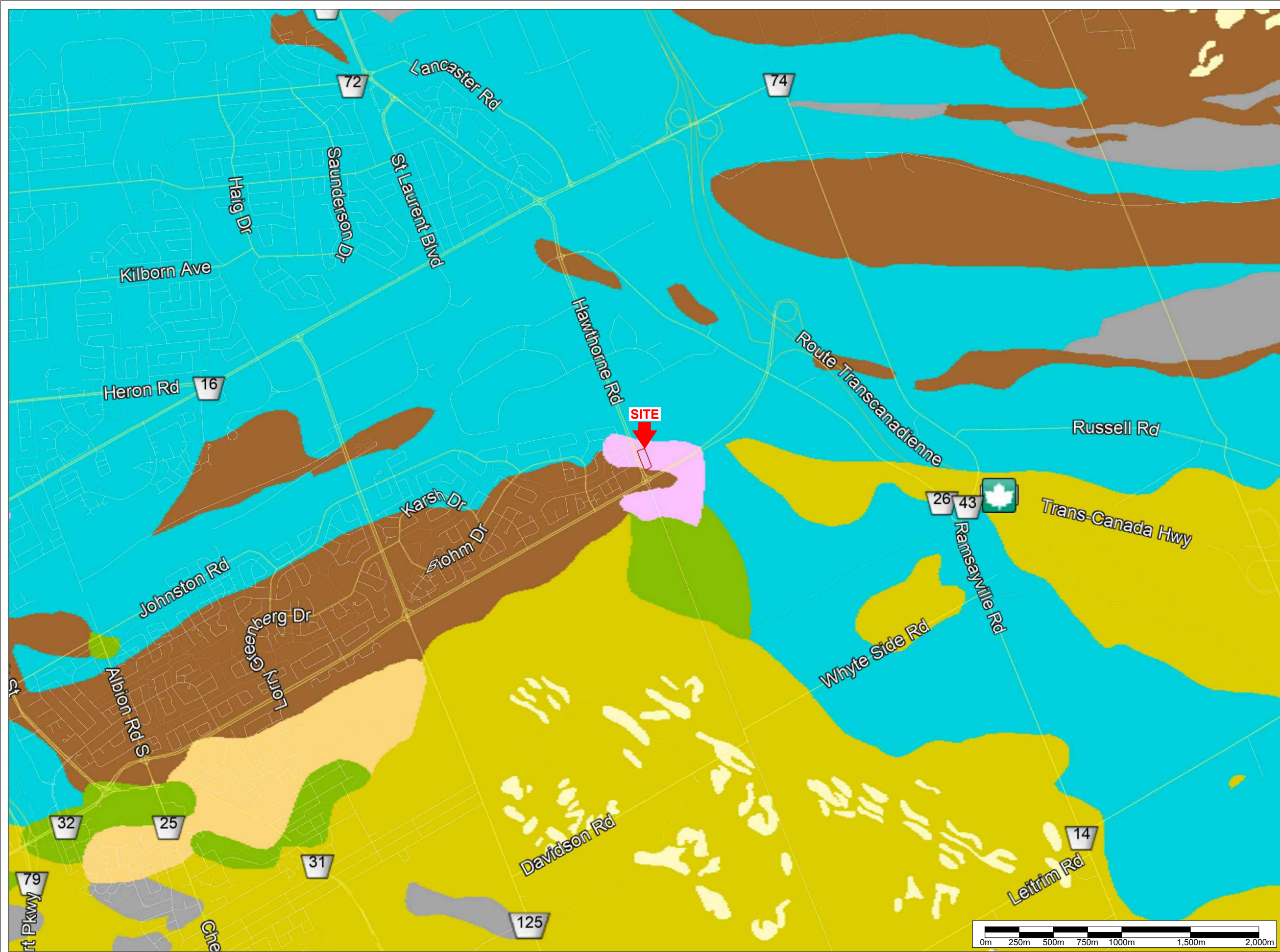
3455 Hawthorne Road,
Ottawa, ON

FIGURE C:

TOPOGRAPHICAL MAP

PROJECT NO. FE-P 21-10966	SHEET NO. C
DATE 25 February 2021	
SCALE AS SHOWN	

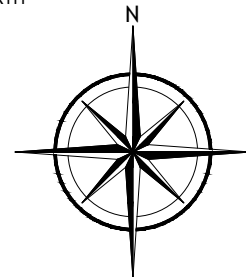




400 Esna Park Dr., #15
 Markham, Ontario
 L3R 3K2

Tel: 905 475-7755
 Fax: 905 475-7718

NORTH



LEGEND

- 3 PALEOZOIC BEDROCK**
- 5B TILL**
 Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain
- 7 GLACIOFLUVIAL DEPOSITS**
 river deposits and delta topset facies
- 10A FINE-TEXTURED GLACIOMARINE DEPOSITS**
 silt and clay, minor sand and gravel
 Massive to well laminated
- 11A COARSE-TEXTURED GLACIOMARINE DEPOSITS**
 sand, gravel, minor silt and clay
 Deltaic deposits
- 12 OLDER ALLUVIAL DEPOSITS**
 clay, silt, sand, gravel, may contain organic remains
- 17 EOLIAN DEPOSITS**
 fine to very fine sand and silt
- 20 ORGANIC DEPOSITS**
 peat, muck, marl

PROJECT NAME AND ADDRESS

PHASE I RSC

3455 Hawthorne Road,
 Ottawa, ON

FIGURE D:
 SURFICIAL GEOLOGY

PROJECT NO.
 FE-P 21-10966

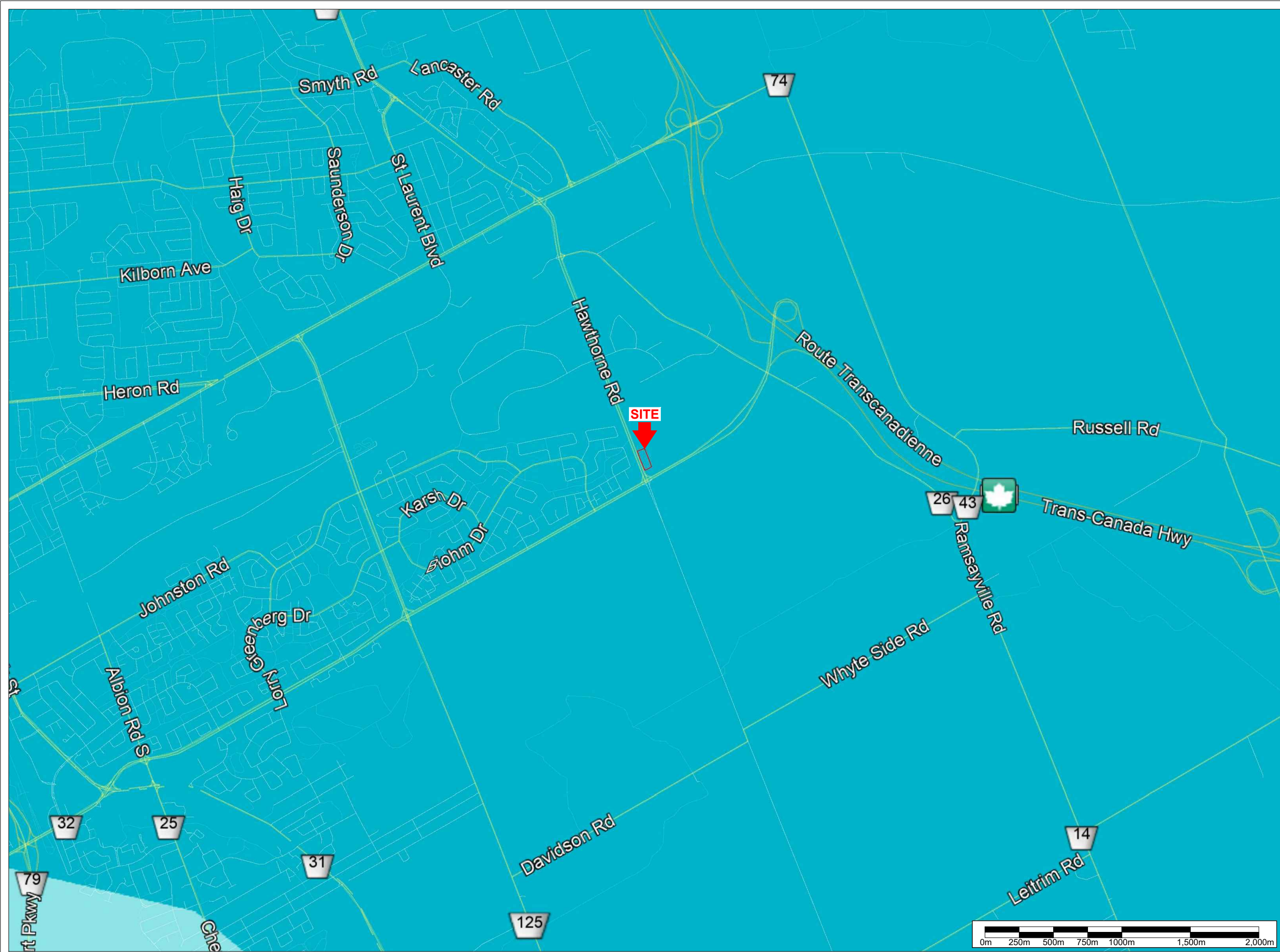
DATE
 25 February 2021

SCALE
 AS SHOWN

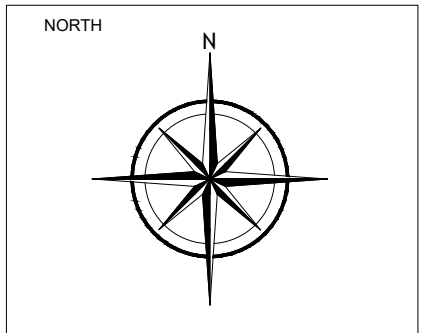
SHEET NO.

D





400 Esna Park Dr., #15 Tel: 905 475-7755
 Markham, Ontario Fax: 905 475-7718
 L3R 3K2



LEGEND

55B:
 Shale, limestone, dolostone, siltstone

53:
 Dolostone, sandstone Beekmantown Group

PROJECT NAME AND ADDRESS

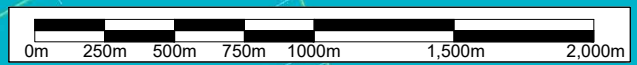
PHASE I RSC

3455 Hawthorne Road,
 Ottawa, ON

FIGURE E:

BEDROCK GEOLOGY

PROJECT NO. FE-P 21-10966	SHEET NO. E
DATE 25 February 2021	
SCALE AS SHOWN	



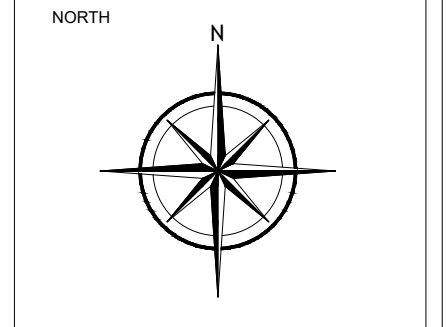
APPENDIX D – CONCEPTUAL SITE MODEL PLANS

NUMBER	PCA LOCATIONS	PCA
1	3375 Hawthorne Road	10
2	3419 Hawthorne Road	28, 34
3	3429 Hawthorne Road	30
4	3467 Hawthorne Road	28
5	3500 Hawthorne Road	28
6	2711 Hunt Club Road	58

PCA	DESCRIPTION ACCORDING TO O. REG. 153/04, SCHEDULE D, TABLE 2
10	Chemical Manufacturing, Processing and Bulk Storage
28	Gasoline and Associated Products Storage in Fixed Tanks
34	Metal Fabrication
39	Paints Manufacturing, Processing and Bulk Storage
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners



400 Esna Park Dr., #15 Tel: 905 475-7755
 Markham, Ontario Fax: 905 475-7718
 L3R 3K2



LEGEND

- PHASE I PROPERTY
- - - PHASE I STUDY AREA
- ① LOCATION OF POTENTIALLY CONTAMINATING ACTIVITY (PCA)
- ← ANTICIPATED GROUND WATER FLOW DIRECTION
- INDUSTRIAL USE
- COMMERCIAL USE
- APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANKS

PCA: POTENTIALLY CONTAMINATING ACTIVITY

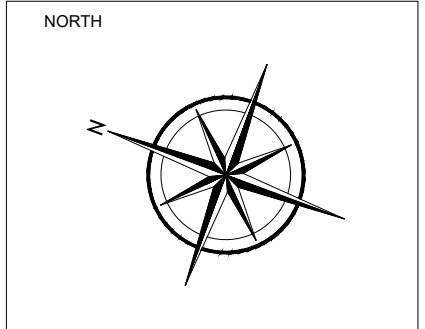
PROJECT NAME AND ADDRESS

PHASE I RSC

3455 Hawthorne Road,
Ottawa, ON

FIGURE 1:
CONCEPTUAL SITE MODEL -
POTENTIAL CONTAMINATING
ACTIVITY

PROJECT NO. FE-P 21-10966	1
DATE 25 February 2021	
SCALE AS SHOWN	



LEGEND

- PHASE I PROPERTY
- ← ANTICIPATED GROUND WATER FLOW DIRECTION

PROJECT NAME AND ADDRESS

PHASE I RSC
3455 Hawthorne Road,
Ottawa, ON

FIGURE 2:
CONCEPTUAL SITE MODEL - AREAS
OF POTENTIAL ENVIRONMENTAL
CONCERN

PROJECT NO. FE-P 21-10966	SHEET NO. 2
DATE 25 February 2021	
SCALE AS SHOWN	