TERRAPEX

SUNCOR ENERGY PRODUCTS PARTNERSHIP

PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT

2180 MONTREAL ROAD AND 972 SHEFFORD ROAD, OTTAWA, ON
OUTLET #65004

FINAL REPORT

March 28, 2024

PROJECT # CO952.00

Terrapex
20 Gurdwara Road, Unit 1
Ottawa, Ontario, K2E 8B3
Telephone: (613) 745-6471
www.terrapex.com

DISTRIBUTION: **Suncor Energy Products Partnership - 1 DIGITAL COPY**

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1

2.0 INTRODUCTION 4

2.1 OBJECTIVE 4
2.2 PHASE ONE PROPERTY INFORMATION 4
2.3 PLAN OF SURVEY 5
2.4 ENHANCED INVESTIGATION PROPERTY 5

3.0 SCOPE OF INVESTIGATION 6

3.1 GENERAL 6
3.2 QUALIFIED PERSON 6
3.3 LIMITATIONS 7

4.0 RECORDS REVIEW 8

4.1 GENERAL 8
4.1.1 Phase One Study Area Determination 8
4.1.2 First Developed Use Determination 8
4.1.3 Fire Insurance Plans 9
4.1.4 Chain of Title 9
4.1.5 Environmental Reports 10
4.1.6 Property Use Records 11
4.2 ENVIRONMENTAL SOURCE INFORMATION 12
4.2.1 ERIS Environmental Databases 12
4.2.2 Other Government and Regulatory Documentation 0
4.2.3 Client File Information 2
4.3 PHYSICAL SETTING SOURCES 2
4.3.1 Aerial Photographs 2
4.3.2 Topography, Hydrology, Geology 4
4.3.3 Fill Materials 5
4.3.4 Water Bodies and Areas of Natural Significance 5
4.3.5 Well Records 5
4.4 SITE OPERATING RECORDS 6

5.0 INTERVIEWS 7

5.1 SITE REPRESENTATIVE 7
5.2 SURROUNDING PROPERTY REPRESENTATIVE 7

6.0 SITE RECONNAISSANCE 8

6.1 GENERAL REQUIREMENTS 8
6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY 8

6.2.1 Site Description, Structures, and Other Improvements 8
6.2.2 Storage Tanks, ... 9
6.2.3 Water Sources 9
6.2.4 Underground Utilities 10
6.2.5 Interior Features of Buildings and Structures 10
6.2.6 Exterior Observations 11
6.2.7 Enhanced Investigation Property 11
6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY 12
6.4 WRITTEN DESCRIPTION OF INVESTIGATION 13

7.0 REVIEW AND EVALUATION OF INFORMATION 14

7.1 CURRENT AND PAST USES 14
7.2 POTENTIALLY CONTAMINATING ACTIVITY 14
7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN 14
7.4 PHASE ONE CONCEPTUAL SITE MODEL 14
7.4.1 Conceptual Site Model Figures 14
7.4.2 Conceptual Site Model Narrative 15
7.4.3 Exemptions for De-Icing Agents, Excess Soil, and Drinking Water 17
7.4.4 Exemption relating to Naturally Occurring Concentrations 17

8.0 CONCLUSIONS 18

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED 18
8.2 RSC BASED ON PHASE ONE ESA ALONE 18
8.3 SIGNATURES 18

9.0 REFERENCES 20

APPENDED TABLES

Table 1: Current and Past Uses of the Phase One Property 22
Table 2A: Potentially Contaminating Activities On, In or Under the Phase One Property 23
Table 2B: Potentially Contaminating Activities Within the Phase One Study Area 25
Table 3: Areas of Potential Environmental Concern 27

FIGURES

Figure 1 Site Location
Figure 2 Site Layout
Figure 3 Conceptual Site Model – Phase One Study Area
Figure 4 Conceptual Site Model – Potentially Contaminating Activities
Figure 5 Conceptual Site Model – Areas of Potential Environmental Concern

APPENDICES

Appendix I	Fire Insurance Products
Appendix II	Chain of Title
Appendix III	Directory Search
Appendix IV	ERIS Report
Appendix V	Government and Regulatory Information
Appendix VI	Aerial Photographs and Satellite Images
Appendix VII	Topographic Map
Appendix VIII	Client Files
Appendix IX	Site Photographs
Appendix X	Qualification of the Assessors

1.0 EXECUTIVE SUMMARY

Terrapex was retained by Suncor Energy Products Partnership (Client) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 2180 Montreal Road and 972 Shefford Road, Ottawa, ON (the Phase One Property, hereinafter also referred to as the Site).

The objective of the investigation was to identify actual and potential sources of contamination associated with the site arising from current and/or historical activities on the site and on properties within the Phase One study area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

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

The Site is currently an operating retail gasoline station under the Petro-Canada brand. The Site is owned by Suncor Energy Products Partnership. The Site includes the property located at 972 Shefford Road. The Site includes a convenience store, carwash, and vacant residential building.

The Site is surrounded by residential land use to the northwest, residential and industrial to the north, residential to the southeast, and commercial land use along Montreal road to the southwest.

The current registered owner of the Site is Suncor Energy Products Partnership, which has owned the property since September, 2007. It was determined that the first developed land use at the Site was prior to 1958 when the property was used for residential purposes. Since first development, the Site has been used as/for residential and commercial/industrial/community land use.

Following the completion of the preliminary records review, Terrapex determined the following:

- Due to the use of the Site as a gasoline outlet, the Site is determined to be an enhanced investigation property.
- The Phase One Study Area consists of the Site and properties located wholly or partly within 250 metres (m) from the nearest point on a boundary of the Site. It need not include any properties beyond this distance.
- The Site was first developed prior to 1958 for residential purposes.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, eight potentially contaminating activities (PCAs), as listed in Table 2 of Schedule D of O. Reg. 153/04, or as determined by the QP, were identified

within the Site. A further one PCA was identified within the Phase One Study Area, resulting in an area of potential environmental concern (APECs) at the Site. The APECs identified for the Site together with the associated contaminants of potential concern (COPCs) are summarized in the following table:

APEC	APEC Location	PCA	Location of PCA	COPCs	Media Potentially Impacted
APEC 1	Northern portion of the Site.	PCA 1: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX PHCs Metals (lead)	Soil Groundwater
APEC 2	Central portion of the Site	PCA 2: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX PHCs Metals (lead)	Soil Groundwater
APEC 3	Southwest portion of the Site.	PCA 3: 50 - Soap and Detergent Manufacturing, Processing and Bulk Storage	On-Site	BTEX PHCs	Soil Groundwater
APEC 4	Western portion of the Site.	PCA 4: 55 - Transformer Manufacturing, Processing and Use	On-Site	PCBs	Soil Groundwater
APEC 5	Northern portion the Site.	PCA 5: Other – Waste oil drum	On-Site	PHCs	Soil Groundwater
APEC 6	Northern portion of the Site.	PCA 6: 30 - Importation of Fill Material of Unknown Quality	On-Site	VOCs PHCs PAHs Metals	Soil Groundwater
APEC 7	Entire Site.	PCA 7: 30 - Importation of Fill Material of Unknown Quality	On-Site	VOCs PHCs PAHs Metals	Soil Groundwater
APEC 8	Southeastern portion the Site.	PCA 8: 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	VOCs PHCs PAHs Metals	Soil Groundwater
APEC 9	Western portion of the Site.	PCA 8: 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	VOCs PHCs PAHs Metals	Groundwater

Note:

As – arsenic
Sb – antimony
Se – selenium
Hg – mercury
Cr (VI) – hexavalent chromium
CN- – cyanide
Na – sodium
Cl- – chloride
B-HWS – boron (hot water soluble)
EC – Electrical Conductivity
SAR –sodium adsorption ratio
THMs – Trihalomethanes
PHC – petroleum hydrocarbons
BTEX – benzene, toluene, ethylbenzene and xylenes
PAH – polycyclic aromatic hydrocarbons
VOC – volatile organic compounds
PCBs – polychlorinated biphenyls
OCs – Organochlorine Pesticides

Based on the findings and results of the Phase One ESA, prior to and in support of any future re-development, it is recommended that an adequate Phase Two ESA be completed (in general accordance with O. Reg. 153/04), to further investigate the areas of potential environmental concern identified for the Site.

2.0 INTRODUCTION

Terrapex was retained by Suncor Energy Products Partnership (Suncor) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 2180 Montreal Road and 972 Shefford Road, Ottawa, ON (the Phase One Property, hereinafter also referred to as the Site).

2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area (refer to Section 4.1.1. below), in order to satisfy the Phase One ESA general objectives listed in the Ontario *Records of Site Condition - Part XV.1 of the Act* regulation (O. Reg. 153/04):

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA;
- to provide a basis for carrying out any Phase Two ESA required; and,
- to provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property for the conduct of a Risk Assessment following completion of a Phase Two ESA.

2.2 PHASE ONE PROPERTY INFORMATION

The Site is currently an operating retail gasoline station under the Petro-Canada brand. The Site is owned by Suncor Energy Products Partnership. The Site includes the residential property located at 972 Shefford Road. The Site includes a convenience store, carwash, and vacant residential building (on 972 Shefford Road).

The Site is surrounded by residential land use to the northwest; residential and industrial to the north; commercial to the east; residential to the south-southeast; and, commercial land use along Montreal Road to the southwest.

Information regarding the location and identification of the Phase One Property and the party authorizing this study is provided in the table below. Refer to Figure 1 for the location of the Site, and to Figure 2 for the general layout of the Site at the time of the site reconnaissance.

SUMMARY OF PHASE ONE PROPERTY INFORMATION

Address:	2180 Montreal Road and 972 Shefford Road, Ottawa, Ontario; and, 972 Shefford Road, Ottawa, Ontario
Property Identification Number:	043680060 and 043680184, and; 043680192

Legal Description:	PCL 60-1, SEC 4M-916; BLK 60, PL 4M-916; S/T LT908684, NS112331, NS112334 GLOUCESTER, and; PT LT 16, CON 10F, GLOUCESTER, PTS 3 AND 4 PL 5R1754, OTTAWA
UTM Coordinates (centre of site, WGS 84):	18T East: 5033032 m North: 453996 m
Name and Address of Owner:	Suncor Energy Products Partnership 3275 Rebecca Street, Oakville, Ontario
Name and Address of Authorizing Party:	Kelly Klassen 3275 Rebecca Street, Oakville, Ontario
Site Area:	0.614 ha
Structures:	2180 Montral Road - Carwash, convenience store; pump island canopy, garbage enclosure, vacuum island, sign; and, 972 Shefford Road - Single-story house, garage building.
Occupants (current):	The 2180 is occupied by a Petro-Canada branded retail gas station and cars wash; 972 Shefford Road, is currently an unoccupied residential property.

2.3 PLAN OF SURVEY

Suncor did not provide a Surveyor's Real Property Report, as part of this study.

2.4 ENHANCED INVESTIGATION PROPERTY

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

3.0 SCOPE OF INVESTIGATION

3.1 GENERAL

The Phase One ESA was conducted in general accordance with the current requirements of O. Reg. 153/04 and as outlined in the authorization email correspondence dated December 14, 2023. The Phase One ESA also meets or exceeds the requirements of a Phase I ESA as prescribed by the Canadian Standards Association Standard Z768-01 (R2022). The five main components of the Phase One ESA scope of work are described below.

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

Interviews: An interview was not conducted with a representative of the current owner of the Site as part of this Study. Site representatives and representatives of the previous owners were not available.

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

Evaluation: The information obtained from the records review, interviews, and Site reconnaissance was reviewed, evaluated and interpreted by the Qualified Person (QP) for this project (see Section 3.2 below) in consideration of the Phase One ESA general objectives and any uncertainty associated with the data sources.

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

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

3.2 QUALIFIED PERSON

The Phase One ESA was supervised by Craig Beaton, of Terrapex, located at 20 Gurdwara Road, Unit 1, in Ottawa, Ontario. Craig Beaton holds a license under the *Professional Engineers Act* and therefore meets the qualifications to be considered a Qualified Person for the purposes of

conducting or supervising environmental site assessments in Ontario per Section 5 of O. Reg. 153/04.

3.3 LIMITATIONS

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

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

- the roof of the carwash and convenience store buildings were not accessible;
- no personnel with knowledge of the Site were available for interviews;
- a response has not been received to our request for file information from the Ministry of the Environment, Conservation and Parks.

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

4.0 RECORDS REVIEW

4.1 GENERAL

Terrapex obtained and reviewed records relating to the Site and surrounding properties within the Phase One Study Area, in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04. The records and sources of information reviewed are summarized below, and a list of all documents and data cited in this report is provided in Section 9.0.

4.1.1 Phase One Study Area Determination

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

- Aerial photographs and satellite images;
- Provincial waste disposal site inventory documents; and,
- Reports documenting previously completed environmental investigations of the site.

The preliminary review did not identify any potential concerns warranting an expansion of the Phase One Study Area. Accordingly, the Phase One Study Area was established to encompass all of the properties that were located in whole or in part, within 250 m of the boundaries of the subject site.

The boundary of the Phase One Study Area is depicted in Figure 3. Note that all distances are calculated from the nearest property boundary of the Site to the nearest boundary of the feature/site in question and are approximate.

4.1.2 First Developed Use Determination

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

FIRST DEVELOPED USE – 2180 MONTREAL ROAD

Year	Site Feature	Potentially Contaminating Activity[1]	Reference/Souce
1958	• None Identified	• None Identified.	• Aerial Photos
1991	• Gravel lot/parking area at northwest portion	• None Identified.	• Aerial Photos

Year	Site Feature	Potentially Contaminating Activity[1]	Reference/Souce
1997	• Single-storey building at southeast portion • Gravel lot/parking area at northweat portion	• 30 - Importation of Fill Material of Unknown Quality	• Previous Reports
2002 - 2024	• Retail fuel outlet featuring carwash and convenience store.	• 28 - Gasoline and Associated Products Storage in Fixed Tanks •	• Aerial Photos

[1]*As set out in Table 2 in Schedule D of O. Reg. 153/04.*

FIRST DEVELOPED USE – 972 SHEFFORD ROAD

Year	Site Feature	Potentially Contaminating Activity[1]	Reference/Souce
1928	• None identified	• None identified	• Aerial Photos
1928 - 1958	• Structure/building	• None Identified.	• Aerial Photo

[1]*As set out in Table 2 in Schedule D of O. Reg. 153/04.*

Based on the above, it was determined that the first developed land use at the Site was prior to 1958 when the property was used for residential purposes.

4.1.3 Fire Insurance Plans

ERIS Environmental Risk Information Services Ltd. (ERIS) provided an EnviroscanTM search (provided by Opta Information Intelligence) for the site and surrounding properties. No records of FIPs were found for the Site and phase one study area.

A copy of the report containing the Fire Insurance Products is provided in Appendix I.

4.1.4 Chain of Title

A title search was completed for 04368-0060 and 04368-0184 (2180 Montreal Road) by Read Abstracts on February 14, 2024. The relevant information from the title search is summarized in the table below.

SUMMARY OF CHAIN OF TITLE

Years	Name of Owner	Other Information
1846	George Dagenais and Louis Petit	Transferred from Henry Munro
1854	George Dagenais	Transferred from Louis Petit
1855	Joseph Lafleur	Transferred from George Dagenais
1862	Joseph Lafleur Jr.	Transferred from Joseph Lafleur

Years	Name of Owner	Other Information
1879	Moise Lapointe	Foreclosure from C.P.L. &S. Company
1919	Jean Bazinet	From estate of Moise Lapointe
1941	Muriel Cardinal	From estate of Jean Bazinet
1944	Herbert Hannam	Transferred from Muriel Cardinal
1951	Frederick Jones	Transferred from Herbert Hannam
1954	Herbert Hannam	Transferred from Frederick Jones
1957	Arnold and Irving Lithwick	Transferred from Herbert Hannam
1983	Famlit Company Limited	From estate of Arnold and Irving Lithwick
1994	Larco Management Ltd.	Transferred from Famlit Company Limited
1997	1230522 Ontario Inc.	Transferred from Famlit Company Limited
1997	Sunoco Inc.	Transferred from 1230522 Ontario Inc.
2007	Suncor Energy Products Partnership Inc.	Transferred from Sunoco Inc.

A copy of the historical Title Search information is included in Appendix II.

4.1.5 Environmental Reports

Terrapex was provided with the following previous environmental reports for review as part of the scope of the current Phase One ESA.

- Environmental Site Assessment, Block 60 and Parts of Block 59, Gloucester, Ontario, prepared for Sunoco Inc. by Conor Pacific Environmental Technologies Inc. (CPET), dated April, 1997.
- Geotechnical Investigation, Proposed Service Station, Montreal and Shefford Roads, Gloucester, Ontario, prepared for Sunoco Inc. by Golder Associates Ltd. (Golder), dated July 1992.

A summary of the aforementioned environmental report(s) is provided in the following tables.

CPET, APRIL 1997, ENVIRONMENTAL SITE ASSESSMENT

Work Program	• 12 test pits to a maximum depth of 3.2 m bg
Site Condition Standards Applied	Ontario Ministry of the Environmental and Energy (MOEE) Table B, Surface Soil Remediation Criteria for Industrial/Commercial Land Use in a Non-Potable Groundwater Situation, medium-fine-grained.

	For interpretation purposes we also compared the results to MECP Table 3 SCS for Industrial/Commercial Land Use in a Non-Potable Groundwater Condition, medium- fine-grained soils.
Stratigraphy and Groundwater	• Stratigraphy at the Site consisted of grass and topsoil from 0 to 0.3 m bg, brown or grey moist-to-wet silty clay from 0.3 to 0.6 m bg, and wet, mottled blue-grey-to-brown clay with trace silt a depth of 3.1 m bg. • Bedrock was not encountered as part of the test pit investigation.
Analytical Program	• Soil: Metals and inorganics.
Results	Soil: • Concentration of beryllium in four of fourteen soil samples exceeded the MOEE Table B, Surface Soil Remediation Criteria for Industrial/Commercial Land Use in a Non-Potable Groundwater Situation, medium- fine-grained. • Concentrations of arsenic and vanadium would exceed the current MECP Table 3 SCS for industrial/commercial/community land use in a non-potable groundwater condition, medium-fine-grained soils (MECP Table 3 SCS).
Comments/Limitations/Other	This study was conducted to obtain baseline chemical data for the soils at the Site prior to development as a retail fuel outlet. CPET sampled soil only. CPET analyzed soil for metals and inorganics only. VOCs, PHCs, PAHs, were not analyzed in soils as part of this investigation. Evidence of soil dumping in two areas of the Site, one area in the vicinity of the current carwash building at the west portion of the property, one area along Shefford Road at the east central portion of the property.

GOLDER, JULY 1992, GEOTECHNICAL INVESTIGATION, PROPOSED SERVICE STATION

Work Program	• Six boreholes to a depth of 6.1 m bg • Three monitoring wells.
Site Condition Standards Applied	N/A For interpretation purposes we also compared the results to MECP Table 3 SCS for Industrial/Commercial Land Use in a Non-Potable Groundwater Condition, medium- fine-grained soils.
Stratigraphy and Groundwater	• Fill and/or topsoil materials underlain by a deposit of sensitive silty clay. • Bedrock was not encountered during this investigation. • groundwater depths ranged from 57.5 to 58.6 m bg (June, 1992).
Analytical Program	Groundwater: • pH, conductivity, chloride, and sulphate
Results	Groundwater: • Concentration of chloride from the groundwater sample BH1 would be less than the MECP Table 3 SCS.
Comments/Limitations/Other	Golder identified a sensitive silty clay unit in the soils at the Site.

4.1.6 Property Use Records

A municipal directory search was conducted for the Site and neighbouring properties within 300 m for years between 1960 and 2021. Municipal directory information was obtained by ERIS.

Based on a review of the information obtained, a summary of search results that are considered to be PCAs, or otherwise of potential environmental concern to the Site, is provided in the table below:

SUMMARY OF CITY DIRECTORY INFORMATION

Address	Proximity[1]	Year(s)	Listing(s)	Potential PCAs[2]/Concerns
2180 Montreal Road	Site	2012 - 2017	Sunoco	28 - Gasoline and Associated Products Storage in Fixed Tanks
2180 Montreal Road	Site	2021	Petro-Canada	28 - Gasoline and Associated Products Storage in Fixed Tanks
972 Shefford Road	Adjacent to the south	1971 - 1994	-	None Identified.
983 Shefford Road	Queensway Welding Ltd	1971-1981	Queensway Welding Ltd.	34-Metal Fabrication

[1] Direction and approximate distance to nearest Site boundary
[2] As set out in Table 2 in Schedule D of O. Reg. 153/04.

A copy of the municipal directory search results is provided in Appendix III.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 ERIS Environmental Databases

Terrapex ordered a RSC (Urban) database report from Environmental Risk Information Services (ERIS) for any records associated with the Site and properties within the Phase One Study Area. ERIS searched government and privately owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04.

The report from ERIS is reproduced in Appendix IV and presents information for the records found, a Site diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched.

The ERIS report indicated twenty-six listings for the Site and 140 relevant listings within the Phase One Study Area considered to be PCAs under O. Reg. 153/04. Relevant listings are summarized in the table below.

SUMMARY OF RELEVANT ERIS FINDINGS

Address	Proximity[1]	Database	Year(s)[2]	Details	PCA[3]s/Potential Concerns
2180 Montreal Road	Site	GEN - Ontario Regulation 347 Waste Generators Summary DTNK - Delisted Fuel Tanks GEN - Ontario Regulation 347 Waste Generators Summary FST - Fuel Storage Tank FSTH - Fuel Storage Tank - Historic RST - Retail Fuel Storage Tanks CA - Certificates of Approval	2022	Three 50,000 L double-wall (DW) fiberglass gasoline UST installed in 1998. Two 25,000 L DW fiberglass diesel UST installed in 2007. A certificate of approval, approved in 1998 for municipal sewage. Petro Canada - generator of light fuels, misc. waste organic chemicals, waste oil/sludges (petroleum based), other specified inorganics, organic laboratory chemicals between 2007 and 2022. There is a water well record (1500755) for the property with no record of the well having been abandoned.	28 - Gasoline and Associated Products Storage in Fixed Tanks
2170 Montreal Road	Adjacent west	SPL - Ontario Spills	2016	Reported spill of unspecified volume of hydraulic oil to catchbasins.	Other - Spill
2200 Montreal Road	20 m west	GEN - Ontario Regulation 347 Waste Generators Summary SPL - Ontario Spills	1996-2001	Maxi Brite Cleaners - generator of waste halogenated solvents Reported spill of 5 L of coolant to CB in April 2010.	37 - Operation of Dry Cleaning Equipment (where chemicals are used) Other - Spill
2116 Montreal Road	241 m west	GEN - Ontario Regulation 347 Waste Generators Summary	-	Laporte Gardens & Greenhouses Ltd. is a registered pesticide vendor. Ontario Doctors Management Group Inc. – generator of waste pharmaceuticals and pathological wastes between 2012 and 2022. Rexall Pharmacy Group Ltd. – generator of waste pathological wastes, pharmaceuticals between 2016 and 2022.	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

Address	Proximity[1]	Database	Year(s)[2]	Details	PCA[3]s/Potential Concerns
				Pharma Plus Drugmarts Ltd – generator of waste pathological wastes between 2014 and 2015 Appletree Medical Group – generator of waste pathological wastes between 2014 and 2015	
2128 Montreal Road	156 m west	GEN - Ontario Regulation 347 Waste Generators Summary	2021-2022	Generator of waste photoprocessing wastes and pathological wastes between 2021 and 2022.	None Identified.
102 Brilia Private	87 m southwest	GEN - Ontario Regulation 347 Waste Generators Summary	2018 - 2022	Generator of waste oil skimmings and sludges between 2018 and 2022.	None Identified.
985 Shefford Road	87 m southwest	SPL - Ontario Spills	1991	Reported spill of unspecified volume of furnace oil to soil from AST.	Other - Spill
920 Shefford Road	265 m north	SPL - Ontario Spills	2004	Reported spill of 10 L of mineral oil to land.	Other – Spill
910 Shefford Road	265 m north	SPL - Ontario Spills	2009	Reported spill of an unspecified volume of mineral oil to catchbasin in March 2009.	Other - Spill
5300 Canotek Road	161 m north	GEN - Ontario Regulation 347 Waste Generators Summary SCT - Scott's Manufacturing Directory CA - Certificates of Approval		Expo Zone International were approved for a certificate of approval for industrial air for a paint spray booth exhaust fan. Expo Zone International manufacture prefabricated wood products. Expo Zone International – generator of waste paint/pigment/coating residues, aromatic solvents, graphic art wastes between 1997 and 2004. Transcontinental Media manufacture published newspaper products since 1983. Impact Dental Laboratory Ltd. – generator of inorganic acid wastes between 2010 and 2015. Dental Services Group of Toronto Inc. – generator of inorganic acid wastes between 2016 and 2019.	31 - Ink Manufacturing, Processing and Bulk Storage 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

Address	Proximity[1]	Database	Year(s)[2]	Details	PCA[3]s/Potential Concerns
5310 Canotek Road	192 m northeast	GEN - Ontario Regulation 347 Waste Generators Summary PES - Pesticide Register SCT - Scott's Manufacturing Directory		PCO Services Inc. is a registered pesticide vendor.	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
2166 Loyola Street	104 m northwest	SPL - Ontario Spills	1988 2001	Reported spill of unspecified volume of home furnace oil to ground in April 1988 and <1 L of furnace oil to the ground in 2001 that was cleaned up..	Other - Spill
Shefford Road at Canotek Road	265 m north	GEN - Ontario Regulation 347 Waste Generators Summary	1992 - 2001	Gloucester Hydro – generator of waste oil skimmings and sludges	18 - Electricity Generation, Transformation and Power Stations
Intersection of Montreal Road and Shefford Road	Adjacent northeast	SPL - Ontario Spills	2019	Reported spill of 2 L of hydraulic oil to land.	Other - Spill
Queensway at St. Joseph Boulevard	-	SPL - Ontario Spills	2022	Reported spill of 8 L of hydraulic oil to land.	Other - Spill
1270 Famlit Court	249 m southwest	SPL - Ontario Spills	2020	Reported spill of 100 L of non-PCB transformer oil to ground in May 2020.	Other – Spill

[1] direction and approximate distance to nearest Site boundary
[2] For SCT listings, the year is the year the company was established.
[3] As set out in Table 2 in Schedule D of O. Reg. 153/04.

4.2.2 Other Government and Regulatory Documentation

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site, and/or any available information pertaining to nearby water bodies and areas of natural significance within the Phase One Study Area. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix V.

Ontario Ministry of the Environment, Conservation and Parks:
Terrapex submitted a Freedom of Information (FOI) request regarding documented environmental concerns related to the address of 2180 Montreal Road and 972 Shefford Road, Ottawa, ON, including orders, spills, investigations, waste generator registrations and certificates of approval, as well as general environmental concerns. In a notification dated February 21, 2024, the MECP identified the following documents:

- The HWIN registration number for the Site is ON4684198 for waste class 146-T; and,
- The HWIN registration number for the Site is ON8582012 for waste class 221-L, 251-L, 263-L.

Terrapex reviewed the Source Water Protection Information Atlas compiled by the MECP to determine Wellhead and Intake Protection Zones in the vicinity of the Site. There are no Wellhead or Intake Protection Zones within the Phase One Study Area.

In accordance with MECP *Client's Guide to Preliminary Screening for Species at Risk (MECP)*, Terrapex determined that there are no threatened or endangered species likely to occur within, or within 30 m of, the Site.

Terrapex reviewed ESA Habitat Regulation (O. Reg. 832/21) to identify potential areas of significant habitat for threatened and endangered species and determined that there are no such areas within, or within 30 m of the Site.

Technical Standards & Safety Authority: The Technical Standards & Safety Authority (TSSA) was contacted regarding records of fuel storage tanks at the Site. Terrapex received a response from TSSA on January 10, 2024. Six records were found for the Site and neighbouring properties. A summary of relevant records is presented below:

- Three 50,000 L DW gasoline UST installed in 1998.
- Two 25,000 L DW diesel UST installed in 2007.
- Inspection report from November 2015 indicated dispenser sumps were damaged and should be repaired or replaced..

- Inspection report from December 2015 indicated dispenser sumps were damaged and should be repaired or replaced.
- Inspection report from May 2016 indicated dispenser sumps were damaged and should be repaired or replaced.
- Inspection report from March 2019 indicated fuel product in premium spill can, and #2/#4/#11 dispenser sumps.

Ontario Ministry of Natural Resources and Forestry: Terrapex conducted a search of the information provided on the Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario (LIO) on-line map of Natural Heritage Areas to identify any environmentally sensitive areas or areas of natural significance within the Phase One Study Area. The following records were evaluated:

- Provincial Parks and Conservation Reserves;
- Areas of Natural and Scientific Interest (life science or earth science);
- Provincially significant Wetlands; and,
- Wilderness Area.

Search results indicated that Greens Creek (located 509 m from the Site) is a provincially significant Area of Natural or Scientific Interest (Life Science).

Upper Tier Municipality: Based on a review of the City of Ottawa Official Plan, the Site is not located within or adjacent to lands that are designated as Environmentally Significant Areas or Natural Heritage.

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

The HLUI report indicated three listings for the Site and two relevant listings within the Phase One Study Area considered to be PCAs under O. Reg. 153/04. Relevant listings are summarized in the table below.

SUMMARY OF HLUI INFORMATION

Address	Proximity[1]	Year(s)	Listing(s)	Potential PCAs[2]/Concerns
2180 Montreal Road	Site	2001 - 2012	Sunoco Inc.	28 - Gasoline and Associated Products Storage in Fixed Tanks
2180 Montreal Road	Site	2001 - 2017	Petro-Canada	28 - Gasoline and Associated Products Storage in Fixed Tanks
2111 Montreal Road	37 m northwest	-	Texaco Piping	28 - Gasoline and Associated Products Storage in Fixed Tanks
2166 Shefford Road	85 m north	-	Texaco Piping	28 - Gasoline and Associated Products Storage in Fixed Tanks
5300 Canotek Road	150 m north	2006--2017	L'Express Ottawa Business Journal Transcontinental Media Dispro Expo Zone International	31 - Ink Manufacturing, Processing and Bulk Storage
5310 Canotek Road	193 m northeast	2012-2017	Gryphon Engineering Orkin Pest Control Potvin Michel	33 - Metal Treatment, Coating, Plating and Finishing 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

Local Conservation Authority: Mapping available on the Rideau Valley Conservation Authority (RVCA) website indicates that the Site is within the Greens Creek sub Watershed, and the Ottawa River East Watershed. Accordingly, surface water drainage from the Site (other than what is captured into the municipal storm water sewer system) may ultimately flow to this water body.

4.2.3 Client File Information

No file information relating to the Site was available from the client.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Aerial photographs were selected (based on availability, quality, and scale) for review to identify changes to topographic features, as well as development of the Site and surrounding properties within the Phase One Study Area over the years. The earliest aerial photograph obtained for review was from the year 1958. An approximate 10-year intervening time frame between successive photographs/images was considered to be sufficient to permit a reasonable evaluation of the area development and apparent land use history.

The relevant features identified in the aerial photographs and satellite images are summarized in the table below. It should be noted that identification of some specific features at the Site and surrounding areas was precluded by the scale and resolution of the aerial photographs. Copies of the aerial photographs and the satellite images are included in Appendix VI.

SUMMARY OF AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1928	City of Ottawa	• No features	• Surroundings are agricultural and rural residential	• None Identified.
1958	City of Ottawa	• A single-storey building in visible in the southeast portion of the Site.	• Surroundings are agricultural and rural residential. • Montreal Road is constructed with a number of rural residential properties in the vicinity. • Shefford Road is constructed with a number of rural residential properties in the vicinity.	• None Identified.
1965	City of Ottawa	• Similar to 1958.	• Highway 174 is constructed with the on ramp from Montreal Road constructed also.	• None Identified.
1976	City of Ottawa	• Similar to 1965.	• Loyola Avenue is constructed to thenortheast_of the Site. • Canotek Road is constructed to the northof the Site.. • Brilia Private is constructed. to the southweastof the Site. • Residential buildings are constructed to the north-northwest of the Site on the north side of Montreal Road.	• None Identified.
1991	City of Ottawa	• The northeast portion of the Site is a gravel-covered parking area.	• Industrial/commercial buildings are visible along Canotek Road. • East Acres Road is constructed. • The former building east of Site has been demolished and property in under construction. • New residential buildings have been constructed to the south-south west of the Site adjacent to Highway 174.	• None Identified.
2002	City of Ottawa	• The northern portion of the Site has been developed into a retail fuel outlet and carwash.	• New residential building have been construct south of the Site and new commercial develops are visible west of the Site. • The construction of the commercial building east of Shefford Road, has been completed.	• 28 - Gasoline and Associated Products Storage in Fixed Tanks

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
			• Lerner Way is constructed to the ___ of the Site... • Sinclair Street is constructed to the ___ of the Site... • Commercial buildings are constructed to the west of Sinclair Street to the ___ of the Site...	
2011	City of Ottawa	• Similar to 2002.	• New residential building have been construct south of the Site and new commercial develops are visible west of the Site. • A large commercial/residential building has been constructed to the northeast of the Site across intersection of Montreal Road and Shefford Road •	• 28 - Gasoline and Associated Products Storage in Fixed Tanks
2017	City of Ottawa	• Similar to 2011.	• Similar to 2011.	• 28 - Gasoline and Associated Products Storage in Fixed Tanks
2022	City of Ottawa	• Similar to 2017.	• Similar to 2017.	• 28 - Gasoline and Associated Products Storage in Fixed Tanks

Based on the review of the aerial photographs and satellite images described above, prior to 1958 the surrounding properties within the Phase One Study Area were primarily used for agricultural or residential use.

Based on the above, the land uses at surrounding properties identified from the review of aerial photographs and satellite imagery are not considered to represent a potential concern for the environmental quality of soil and groundwater at the Site.

4.3.2 Topography, Hydrology, Geology

A topographic map of the Site and Phase One Study area was obtained from Atlas of Canada – Toporama. Geological plans for the Site were also reviewed. A summary of reviewed information is presented in the table below:

SUMMARY OF TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Site & Regional Topography:	The Site is generally flat. No major topographic features are mapped on the Site. The Phase One Study Area generally slopes to the east towards Greens Creek, which flows south towards the Ottawa River.
Approximate Elevation:	The elevation of the Site is approximately 67 m above mean sea level (amsl).
Physiography and Soil Stratigraphy:	Ottawa Valley Clay Plains, which consists of fine-textured glaciomarine deposits comprising silt and clay, minor sand and gravel, massive to well laminated.
Bedrock and Approximate Depth:	Limestone, dolostone, shale, arkose, sandstone Ottawa Group, Simcoe Group of the Shadow Lake Formation and is anticipated to be approximately 56 m below grade.
Hydrology:	Inferred direction of groundwater flow (based on topography) is to the north.

The topographic, ANSI, hydrologic, geologic, and soil maps are reproduced in Appendix VII.

4.3.3 Fill Materials

Fill materials are suspected to be present at the Site, comprising engineered sand/gravel fill used during construction of the residential structure and associated parking area.

4.3.4 Water Bodies and Areas of Natural Significance

Based on a review of information and records in the preceding sections, a summary of water bodies, areas of natural significance, if any, and groundwater information within the Phase One study area are summarized in the table below.

WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

Surface Water:	The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04. The nearest water body is Green's Creek situated 530 m to the southeast of the Site. This water body ultimately discharges into the Ottawa River, a known regional groundwater discharge zone.
Area of Natural Significance:	None within, or within 30 m of the Site.
Wellhead and Intake Protection Zones	None located within the Phase One Property, or within the Phase One Study Area.
Municipal Drinking Water System	All properties within the Phase One Study Area are deemed to be connected to the municipal drinking water system supplied by the City of Ottawa.

4.3.5 Well Records

Based on a review of information and records in the preceding sections, there is a record of one well on southern portion of the Site with no record of the well having been abandoned, and twenty-two wells within the Phase One Study Area. A total of fifeent wells are reported to be for domestic

or commercial use; the remaining being for other uses (monitoring, observation, testing, or an unspecified use). The well locations are indicated in the ERIS report (Appendix IV) and on Figure 3. A summary of the water well record from the Site is summarized in the table below:

SUMMARY OF SELECTED WATER WELL RECORDS

Well ID/ Tag	Year	Type of Well	Location	General Stratigraphy	Approximate Depth to Water Table (m bgs)
1500755	1952	Other	Site	Loam to 0.6 m bgs, native blue clay to 49.6 m bgs, native fine black sand to 50.6 m bgs, limestone to 52.4 m bgs.	52.4 m bgs

4.4 SITE OPERATING RECORDS

Site operating records specific to an enhanced investigation property were not made available to Terrapex for review.

5.0 INTERVIEWS

5.1 SITE REPRESENTATIVE

A Suncor representative with knowledge of the Site was not interviewed by Terrapex as part of this study.

No additional information pertaining to the site could be provided.

5.2 SURROUNDING PROPERTY REPRESENTATIVE

Representatives of the surrounding properties were not contacted for interviews as part of this study.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The reconnaissance of the Site and the Phase One Study Area was conducted by Jeff Murray of Terrapex, as follows:

SITE RECONNAISSANCE PARTICULARS

Date, Time, and Duration of Investigation	Weather Conditions	Guide	Occupant/Use of Facility During the Investigation	Enhanced Investigation Property[1]	Names and Qualifications of Persons Conducting the Investigation
March 6, 2024 10:30 – 12:30	Overcast 8°C	N/A	Petro-Canada retail fuel outlet/ vacant house	Yes	Jeff Murray,CET

[1] *As per clause 32 (1) of O. Reg.153/04*

Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. During the Site reconnaissance, Terrapex photographed the general Site layout, as well as any specific environmental concerns identified on the Site or on surrounding properties within the Phase One Study Area.

Specific limitations encountered during the Site reconnaissance are provided in Section 3.3.

The site location plan is shown on Figure 1. The site layout is shown on Figure 2. Selected photographs including general descriptions are provided in Appendix IX.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 Site Description, Structures, and Other Improvements

The Site is located at 2180 Montreal Road and 972 Shefford Road, accessed from laneways on Montreal Road and Shefford Road. At the time of inspection, the Site was operating as a Petro-Canada retail fuel outlet and carwash. The property located a 972 Shefford Road was a vacant residential building with a garage. A summary of the constructed features of the Site is provided in the table below.

STRUCTURES AND OTHER SITE IMPROVEMENTS

Feature	Quantity	Age	Description	Location
Building(s):	4	Unknown	2180 Montreal Road: Convenience store, carwash, 972 Shefford Road: vacant residential building, garage	Convenience store and carwash in north portion; vacant residence and garage in southern portion

Feature	Quantity	Age	Description	Location
Below-Grade Structures:	3	Unknown	2180 Montreal Road: UST tank nest, carwash OWS, 972 Shefford Road: \Basement	UST tank nest in the northeast portion; carwash OWS at northwest portion; basement at southeast portion
Other Structures:	2	90's	2180 Montreal Road: Canopy, vacuum station 972 Shefford Road: None	Canopy in north-central portion; vacuum station eastern portion
Paved Areas:	3	90's	2180 Montreal Road: Parking area, carwash lane, 972 Shefford Road: Parking area of residence	Parking areas of the Site.

6.2.2 Storage Tanks,

A summary of the storage tank(s) observed at the Site during the inspection is provided in the table below.

SUMMARY OF STORAGE TANKS OBSERVED AT THE SITE

Tank ID	Construction	Age (yrs)	Contents	Volume (L)	Status	Location
51485722	Double wall fiberglass	17	Diesel	25,000	Active	Northeast portion
51485660	Double wall fiberglass	17	Diesel	25,000	Active	Northeast portion
11547887	Double wall fiberglass	26	Gasoline	50,000	Active	Northeast portion
11547868	Double wall fiberglass	26	Gasoline	50,000	Active	Northeast portion
11547843	Double wall fiberglass	26	Gasoline	50,000	Active	Northeast portion

6.2.3 Water Sources

A summary of the potable and non-potable water sources is provided in the table below.

SUMMARY OF WATER SOURCES

Source	Quantity	Age	Description	Location
Potable Water	2	Unknown	Municipally serviced water supply.	Sinks in convenience store. Sinks in vacant residence.
Non-Potable Water	1	Unknown	Municipally serviced water supply, softened for carwash	Carwash

6.2.4 Underground Utilities

A summary of the buried utilities at the site based on inquiries and observations at the site is provided in the table below.

UTILITIES PRESENT ON SITE

Utility	Present on Site	Description & Location
Electrical	Yes	Underground service enters 2180 Montreal Road from the western portion of the property at pad-mounted transformer; service to 972 Shefford Road is overhead
Gas	Yes	Gas service enters 2180 Montreal Road from the northeast on Shefford Road to the western exterior of carwash building; service enters 972 Shefford Road from Shefford Road to eastern wall of residence
Oil/Fuel	No	N/A
Sewer	Yes	Sewer main is on Shefford Road. Sewer service enters the property from Shefford Road and connects to building from southwest corner of the building.
Water	Yes	Underground service enters 2180 Montreal Road from the western portion of the property; service to 972 Shefford Road enters property from Shefford Road
Communications	Yes	Overhead communication services.

6.2.5 Interior Features of Buildings and Structures

The interior features of buildings and structures present at the Site are summarized in the table below.

INTERIOR FEATURES OF BUILDINGS AND STRUCTURES

Feature	Convenience Store	Carwash
Construction	Slab-on-grade; concrete brick façade	Slab-on-grade; concrete brick façade
Exit/Entry Points	Entrance at north side of convenience store	Entrance at east side of building; utility entrances on south side of building
Heating System	Natural gas rooftop HVAC unit	Natural gas rooftop HVAC unit
Cooling System	Natural gas rooftop HVAC unit	Natural gas rooftop HVAC unit
Drains/Pits/Sumps	Floor drains in washrooms and employee area	Floor drains in utility rooms; OWS sump under carwash pad
Unidentified Substances	N/A	N/A
Stains/Corrosion on Floors	None	None

Feature	Vacant Residential	Garage
Construction	Concrete poured foundation with finished basement, wood siding; wood frame, drywall, shingle roof (peaked)	Slab-on-grade foundation, shingle roof (peaked)
Exit/Entry Points	Entrances at north, west, and south of building	Entrance at north side of building
Heating System	Natural gas forced air furnace in basement	N/A
Cooling System	N/A	N/A
Drains/Pits/Sumps	Sump in basement	N/A
Unidentified Substances	N/A	N/A
Stains/Corrosion on Floors	N/A	N/A

6.2.6 Exterior Observations

A summary of observations of the exterior features of the Site is provided in the table below.

OBSERVATIONS OF EXTERIOR FEATURES

Feature	Details	Approximate Location
Sewage Works	N/A	N/A
Oil/Gas or Water Wells	N/A	N/A
Ground Surface	N/A	N/A
Railway Lines/Spurs	N/A	N/A
Stained Soil/ Vegetation/ Pavement	N/A	N/A
Stressed Vegetation	N/A	N/A
Areas of Fill/Debris	N/A	N/A
Potential PCA[1]	28 - Gasoline and Associated Products Storage in Fixed Tanks	North portion of the Site
Unidentified Substances	N/A	N/A

[1]As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.

6.2.7 Enhanced Investigation Property

The use of the Site as a retail fuel outlet renders the Site as an Enhanced Investigation Property. A summary of other specific observations/details is presented in the table below.

ENHANCED INVESTIGATION PROPERTY FEATURES AND OBSERVATIONS

Feature	Details	Approximate Location
Operations	Retail fuel outlet	Northwest portion of the Site
Hazardous Materials	Gasoline; diesel; salt	Gasoline and diesel at UST nest; Salt stored in carwash utility room
Products Maufactured	N/A	N/A
By-Products/Wastes	N/A	N/A
Raw Materials Handling & Storage	N/A	N/A
Drums, Totes, Bins	N/A	N/A
Oil/Water Separators	Carwash OWS	South portion of the Site
Vehicle & Equipment Maintenance	N/A	N/A
Spills	N/A	N/A
Liquid Discharge Points	N/A	N/A
Processing / Manufacturing Equipment & Operations	N/A	N/A
Hydraulic Lift Equipment	Carwash wash arm	Southern portion of the Site

6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY

A summary of the observations from reconnaissance of the Phase One Study Area is provided in the table below.

PHASE ONE STUDY AREA FEATURES AND OBSERVATIONS

Feature	Details	Approximate Location
Land Use	Montreal Road; Beacon Heights Retirement residence; industrial/commercial beyond	North
	Montreal Road; residential/commercial beyond	West
	Residential	South
	Commercial plaza; Highway 174 beyond	East
Water Body	None	N/A
Area(s) of Natural Significance	None	N/A

Feature	Details	Approximate Location
Municipal Drinking Water System	Supplied by City of Ottawa	N/A
Well(s) for Consumption/ Agricultural Use	N/A	N/A
PCA[1]	None.	N/A

[1]*As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.*

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

The Site reconnaissance was conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One Study Area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the site reconnaissance are provided above in Sections 6.2 and 6.3, for the Site and the Phase One Study Area, respectively.

Discussions regarding the identification of PCAs on the Site and on surrounding properties with the Phase One Study Area are provided below in Section 7.2.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The current registered owner of the Site is Suncor Energy Products Partnership, which has owned the property since July 1997 (2180 Montreal Road), and February 2024 (972 Shefford Road), respectively. The Site was first developed, for residential use, after 1928 but prior to 1958. A summary of the current and past uses of the property is provided in Table 1 appended to this report.

7.2 POTENTIALLY CONTAMINATING ACTIVITY

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, eight PCAs were identified on the Site and nine PCAs were identified within the Phase One Study Area. Details regarding the PCAs are provided in the Tables 2A and 2B appended to this report. Refer to Figure 3 for the location of the PCAs with respect to the Site and the Phase One Study Area limits.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

An area of potential environmental concern (APEC), as defined in O. Reg. 153/04, is the area on, in, or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One Property and (b) identification of potentially contaminating activity.

A total of nine APECs were identified pertaining to the Site as detailed in Table 3 appended to this report, and shown on Figure 4.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase One Conceptual Site Model (CSM) has been developed based on the findings of the records review, site reconnaissance, and interviews completed to date as described by the foregoing sections of this report. The Phase One CSM consists of the following narrative and referenced figures.

7.4.1 Conceptual Site Model Figures

The Phase One CSM includes the following figures appended to this report:

PHASE ONE CSM FIGURES

Requisite Feature	Figure
i. Show any existing buildings and structures,	Figure 2: General Site Layout

Requisite Feature	Figure
ii. Identify and locate water bodies located in whole or in part in the Phase One Study Area,	Figure 3: Phase One Study Area and Surrounding Land Uses
iii. Identify and locate any areas of natural significance located in whole or in part on the Phase One Study Area,	Figure 3: Phase One Study Area and Surrounding Land Uses
iv. Locate any drinking water wells at the Phase One Property	Figure 3: Phase One Study Area and Surrounding Land Uses
v. Show roads, including names, within the Phase One Study Area,	Figure 3: Phase One Study Area and Surrounding Land Uses
vi. Show uses of properties adjacent to the Phase One Property,	Figure 3: Phase One Study Area and Surrounding Land Uses
vii. Identify and locate areas where any potentially contaminating activity has occurred, and show tanks in such areas,	Figure 4: PCAs
viii. Identify and locate any areas of potential environmental concern.	Figure 5: APECs

7.4.2 Conceptual Site Model Narrative

The Phase One CSM comprises the narrative provided in the following table:

PHASE ONE CSM NARRATIVE

Requisite Component	Description & Assessment			
i. Areas where potentially contaminating activity on, or potentially affecting the Phase One Property has occurred,	APEC #	PCA #	Description	Location
	1	1	The UST tank nest.	Northern portion of the Site.
	2	2	The pump island and dispensers.	Central portion of the Site
	3	3	Carwash.	Southwest portion of the Site.
	4	4	Area around the pad-mounted transformer.	Western portion of the Site.
	5	5	Historical waste oil drum.	Northern portion the Site.
	6	6	Historical fill piles.	Northern portion of the Site.
	7	7	Potential fill present related to construction and demolition of on-Site features.	Entire Site.

Requisite Component	Description & Assessment
	8 8 Towing and car repair observed in air photos. Southeastern portion the Site. 9 9, 10, 11 Texaco tanks and lines, and spills from townhouses on northwest. Former dry-cleaner. Western portion of the Site. Please refer to Table 3 “Areas of Potential Environmental Concern” appended.
ii. Any contaminants of potential concern,	List COPCs VOCs; PHC F1-F4; PAHs, PCBs, Metals and Inorganics Please refer to Table 3 “Areas of Potential Environmental Concern” appended.
iii. The potential for underground utilities, if present, to affect contaminant distribution and transport,	In general, potential migration pathways for subsurface contaminants at the Site would consist of buried services or remnants of former buried services. However, no such pathways have been identified during the study. Further, as noted above, no APECs or COPCs have been identified for the Site.
iv. Available regional or site specific geological and hydrogeological information, and	Site & Regional Topography: Site is generally flat with no significant grade difference. Regional grade generally slopes to the south towards a creek Approximate Elevation: 67 m asl Physiography and Soil Stratigraphy: Ottawa Valley Clay Plains, which consists of fine-textured glaciomarine deposits comprising silt and clay, minor sand and gravel, massive to well laminated. Bedrock and Approximate Depth: Limestone, dolostone, shale, arkose, sandstone Ottawa Group, Simcoe Group of the Shadow Lake Formation and is anticipated to be approximately 56 m below grade. Surface Water: The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04. The nearest water body is Green’s Creek situated 530 m to the southeast of the Site. This water body ultimately discharges into the Ottawa River, a known regional groundwater discharge zone. Area of Natural Significance: None within, or within 30 m of, the Phase One Property, or within the Phase One Study Area. Wellhead Protection Area: None located within the Phase One Property, or within the Phase One Study Area. Municipal Drinking Water System All properties within the Phase One Study Area are deemed to be connected to the municipal drinking water system supplied by the City of Ottawa. Well For Consumption/ Agricultural Use: None currently located within the Site, or within the Phase One Study Area. One record for a potable well from 1952 for the property located at 972 Shefford Road.
v. How uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the model.	The main uncertainty associated with the CSM developed for the Site relates to the limited information regarding the former use of the Site as well as the limited information regarding activities on neighbouring properties. Notwithstanding the above, it should be noted that Phase One ESAs have inherent limitations, and therefore findings cannot be considered definitive (i.e., the findings of a Phase One ESA are inherently associated with some uncertainty).

7.4.3 Exemptions for De-Icing Agents, Excess Soil, and Drinking Water

The following table describes the rationale pertaining to any applicable reliance on exemptions provided by Paragraphs 1, 1.1 and 2 of Section 49.1 of O. Reg. 153/04.

RELIANCE ON EXEMPTIONS

Exemption(s) Circumstances	Rationale
(1.) Substance(s) applied to surfaces for safety of vehicular or pedestrian traffic under conditions of snow or ice or both.	Relied upon.
(1.1) Excess soil deposited at the property for final placement meets the soil quality standards that apply to the property as determined in accordance with the Excess Soil Standards.	Not relied upon.
(2.) There has been a discharge of drinking water within the meaning of the Safe Drinking Water Act, 2002.	Not relied upon.

7.4.4 Exemption relating to Naturally Occurring Concentrations

Paragraph 3 of Section 49.1 of O. Reg. 153/04 considers an applicable site condition standard as not exceeded if the concentrations do not exceed the naturally occurring range of concentrations typically found within the vicinity of the Site.

Paragraph 3 of Section 49.1 is not being relied upon.

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED

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

8.2 RSC BASED ON PHASE ONE ESA ALONE

A RSC cannot be filed for the Phase One Property based solely on this Phase One ESA.

8.3 SIGNATURES

The report has been completed in accordance with the terms of reference for this project, as agreed upon by Suncor Energy Products Partnership (the Client) and Terrapex Environmental Ltd. (Terrapex) and generally accepted engineering or environmental consulting practices in this area. The objectives and requirements set out in Schedule D of O. Reg. 153/04 have been applied in carrying out this environmental site assessment.

Terrapex has exercised due care, diligence, and judgement in the performance of this assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the Site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the assessment, and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time. Where applicable, observations of nearby properties were limited to areas visible from the Site or from publicly accessible areas and vantage points.

Terrapex has relied in good faith on information and representations obtained from the Client and third parties and, except where specifically identified, has made no attempt to verify such information. Terrapex accepts no responsibility for any deficiency or inaccuracy in this report as a result of any misstatement, omission, misrepresentation, or fraudulent act of those providing information. Terrapex shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time of the study.

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

Respectfully submitted,
TERRAPEX ENVIRONMENTAL LTD.

Jeffery Murray, CET
Environmental Scientist

Craig Beaton, PEng QPesa
Site Assessor/Senior Project Manager

9.0 REFERENCES

Regulations and Guidelines

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

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

Property Use Information:

Fire Insurance Plans available from Opta Information Intelligence provided by ERIS.

Historical Land Title Search, provided by Read Abstracts.

City of Ottawa Directories, provided by ERIS, 1960 – 2021.

Site Plans:

N/A

Environmental Source Information:

Ontario Ministry of the Environment (MOE), Ministry of the Environment and Climate Change (MOECC) and Ministry of the Environment, Conservation and Parks (MECP) documents and databases:

- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II (April 1987), prepared for MOE by Intera Technologies Ltd. (Intera)
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume I (November 1988), prepared for MOE by Intera
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II (November 1988), prepared for MOE by Intera
- Waste Disposal Site Inventory (June 1991)
- MOECC Brownfields Environmental Site Registry website

Federal government, provincial government, and private source database records available through ERIS Environmental Risk Information Services Ltd. (ERIS) for locations within 300 m of the Site.

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

- MECP Freedom of Information and Protection of Privacy Office
- Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Area on-line mapping
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division

- City of Ottawa Historic Land Use Inventory

Physical Setting Sources

Aerial photographs for the years 1958, 1965, 1976, 1991, 2002, 2011, 2017, and 2022 available from the City of Ottawa.

Topographic Map: National Topographic Systems (NTS), Energy, Mines and Resources Canada, (1:50,000), Atlas of Canada Toporama mapping, available from the Natural Resources Canada website: http://atlas.nrcan.gc.ca/site/english/index.html, updated 2010.

MNR 1:10,000 scale Ontario Base Map (OBM) of Ottawa, Ontario, based on 1979 aerial photography.

The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey Special Volume 2 (1984), Chapman and Putnam, map provided by ERIS.

Ontario Geological Survey map entitled *Surficial Geology of Southern Ontario,* map provided by ERIS.

Ontario Geological Survey map entitled *Bedrock Geology of Ontario,* map provided by ERIS.

Ontario Ministry of Agriculture and Food, Ministry of Natural Resources, Soil Survey Complex (ON Soils), Soil Survey Complex (ON Soils), map provided by ERIS.

Well record information available from ERIS on the Water Well Information System databases and from the MOECC Environmental Monitoring and Reporting Branch Water Well Information System, on-line mapping application

Interviews

N/A

TABLE 1: CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

Year	Name Of Owner	Description Of Property Use	Property Use	Other Observations From Aerial Photographs, Fire Insurance Plans, Etc.
Pre-1958	Various	Residential / agricultural	Residential/ Agricultural	Title Search: • Between 1846 and 1957 the property was owned by various owners (residential).
1958 – 1990	Unknown	Residential	Residential	Aerial Photos: • In 1958 there is a single-storey building on the southeast portion the Site .
1991 – 1997	Famlit Company Limited	Residential/ commercial	Residential/ commercial	Aerial Photos: • In 1991 there is a single-storey building on the southeast portion the Site. • In 1991 there is a gravel lot in the northeast portion of the Site. Previous Reports: • Northeast corner of the Site is occupied by a mobile food wagon.
1997 – 2007	Sunoco Inc.	Commercial/ Residential	Commercial/ Residential	Aerial Photos: • In 2002, there is a single-storey building on the southeast portion the Site. • In 2002, there is a convenience store, carwash, canopy, USTs in the northwest portion of the Site.
2007-2024	Suncor Energy Products Partnership	Commercial/ Residential	Commercial/ Residential	Aerial Photos: • In 2011, 2017, and 2022, there is a single-storey building on the southeast portion the Site. • In 2011, 2017, and 2022, there is a convenience store, carwash, canopy, USTs in the northwest portion of the Site.

TABLE 2A: POTENTIALLY CONTAMINATING ACTIVITIES ON, IN OR UNDER THE PHASE ONE PROPERTY

PCA[1]	Potentially Contaminating Activity[2]	Description	Data Source	Area(s) of Potential Environmental Concern	Likelihood To Affect The Site / Rationale	Uncertainty
PCA 1	28 – Gasoline and Associated Products Storage in Fixed Tanks	The UST tank nest.	Aerial photographs Site Inspection TSSA ERIS	APEC 1	Likely	Low
PCA 2	28 – Gasoline and Associated Products Storage in Fixed Tanks	The pump island and dispensers.	Aerial photographs Site Inspection TSSA ERIS	APEC 2	Likely	Low
PCA 3	50 - Soap and Detergent Manufacturing, Processing and Bulk Storage	Carwash.	Aerial photographs Site Inspection TSSA ERIS	APEC 3	Likely	Moderate
PCA 4	55 - Transformer Manufacturing, Processing and Use	Area around the pad-mounted transformer at the southwest portion of the Site.	Aerial photographs Site Inspection TSSA ERIS	APEC 4	Possible	Moderate
PCA 5	Other – waste oil drum.	Historical waste oil drum in the northern portion of the Site.	Previous Reports	APEC 5	Possible	High
PCA 6	30 - Importation of Fill Material of Unknown Quality	Historical fill pile in the northern portion of the Site.	Aerial Photographs Previous Reports	APEC 6	Possible	High
PCA 7	30 - Importation of Fill Material of Unknown Quality	Potential fill present related to construction and demolition of on-Site features.	Aerial photographs Previous Reports	APEC 6	Possible	High

PCA[1]	Potentially Contaminating Activity[2]	Description	Data Source	Area(s) of Potential Environmental Concern	Likelihood To Affect The Site / Rationale	Uncertainty
PCA 8	27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Towing and car repair observed in air photos.	Aerial photographs Site Inspection	APEC 7	Possible	High

[1] As shown on Figure 3.
[2] As set out in Table 2 in Schedule D of O. Reg. 153/04.

TABLE 2B: POTENTIALLY CONTAMINATING ACTIVITIES WITHIN THE PHASE ONE STUDY AREA

PCA	Potentially Contaminating Activity[1]	Address / Location	Description	Data Source	Area(s) of Potential Environmental Concern	Likelihood To Affect The Site / Rationale	Uncertainty
PCA 9	28 - Gasoline and Associated Products Storage in Fixed Tanks	2111 Montreal Road (townhomes)	Texaco lines and tanks for heating oil	HLUI	Yes - covered by APEC 8 on-site	Unlikely based on down-gradient location	Moderate
PCA 10	28 - Gasoline and Associated Products Storage in Fixed Tanks	Loyola Avenue/Court (townhomes)	Texaco lines and tanks for heating oil	HLUI	No.	Unlikely based on down-gradient location	Moderate
PCA 11	37 - Operation of Dry Cleaning Equipment (where chemicals are used)	2200 Montreal Road	Historical operation of dry-cleaning facility	ERIS City Directories	Yes - covered by APEC 8 on-site	Possible	Moderate
PCA 12	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	2116 Montreal Road	Historical greenhouse with pesticide storage and sales	ERIS	No.	Very unlikely based on distance from Site	Low
PCA 13	Other - Spill	ON-174	Spill	ERIS	No.	Very unlikely based on distance from Site	Moderate

PCA	Potentially Contaminating Activity[1]	Address / Location	Description	Data Source	Area(s) of Potential Environmental Concern	Likelihood To Affect The Site / Rationale	Uncertainty
PCA 14	31 - Ink Manufacturing, Processing and Bulk Storage 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	5300 Canotek Road	Expo Zone International manufacture prefabricated wood products. Transcontinental Media manufacture published newspaper products since 1983.	ERIS	No.	Very unlikely based on down-gradient location of the Site	Low
PCA 15	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	5310 Canotek Road	Pesticide dealer.	ERIS	No.	Very unlikely based on down-gradient location of the Site	Low
PCA 16	Other - Spill	2166 Loyola Court	Other-Spill	ERIS	No.	Very unlikely based on down-gradient location of the Site	Low
PCA 17	55 - Transformer Manufacturing, Processing and Use	Intersection of Shefford Road and Canotek Road	Hydroelectric transformer facility.	Aerial Photos	No.	Very unlikely based on down-gradient location of the Site.	Low

[1] *As set out in Table 2 in Schedule D of O. Reg. 153/04.*

TABLE 3: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

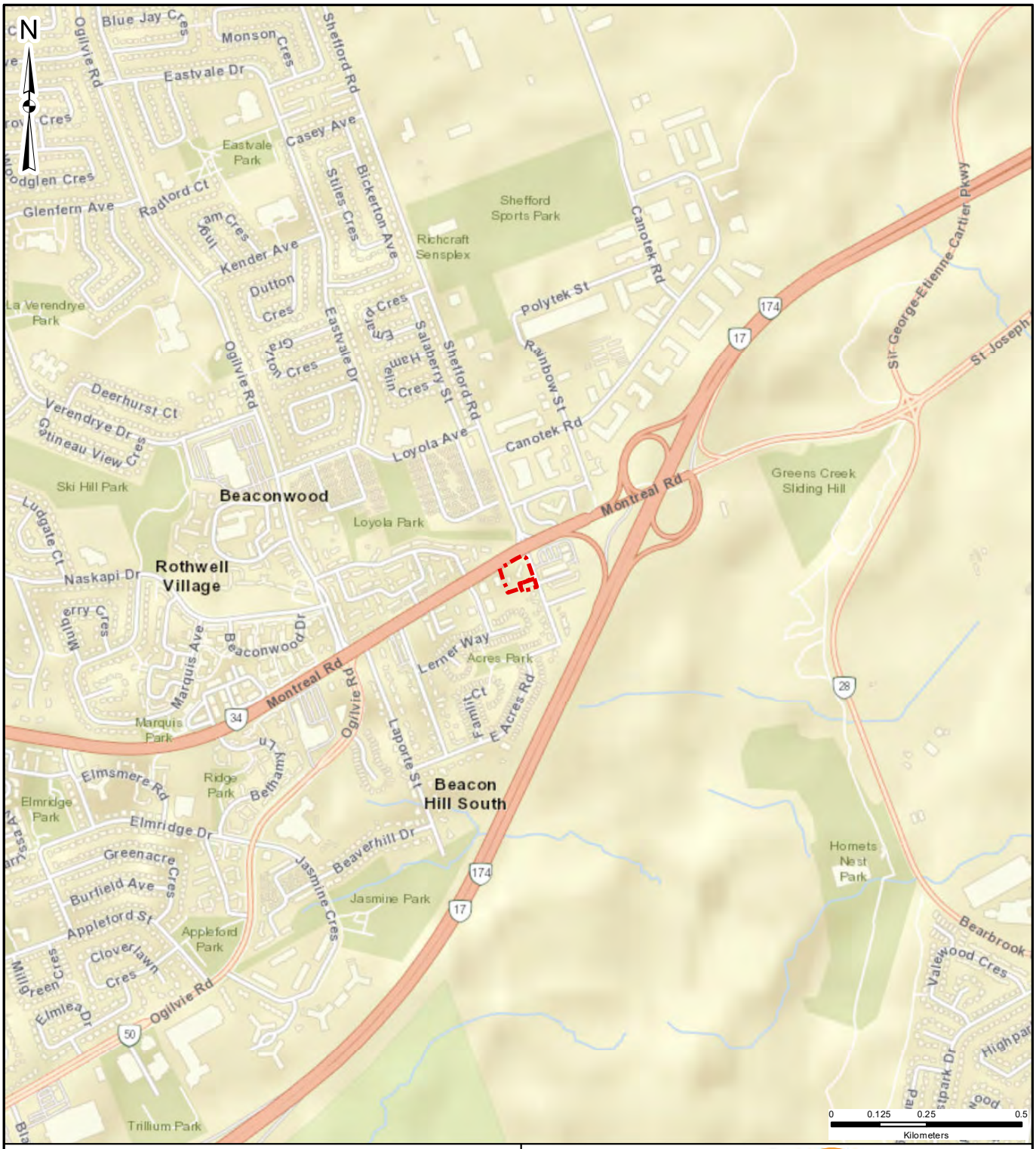
Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (On-Site Or Off-Site)	Contaminants Of Potential Concern[3]	Media Potentially Impacted (Ground water, Soil, and/or Sediment)
APEC 1	Northern portion of the Site.	PCA 1: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX PHCs Metals (lead)	Soil Groundwater
APEC 2	Central portion of the Site	PCA 2: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX PHCs Metals (lead)	Soil Groundwater
APEC 3	Southwest portion of the Site.	PCA 3: 50 - Soap and Detergent Manufacturing, Processing and Bulk Storage	On-Site	BTEX PHCs	Soil Groundwater
APEC 4	Western portion of the Site.	PCA 4: 55 - Transformer Manufacturing, Processing and Use	On-Site	PCBs	Soil Groundwater
APEC 5	Northern portion the Site.	PCA 5: Other – Waste oil drum	On-Site	PHCs	Soil Groundwater
APEC 6	Entire Site.	PCA 6: 30 - Importation of Fill Material of Unknown Quality PCA 7: 30 - Importation of Fill Material of Unknown Quality	On-Site	VOCs PHCs PAHs Metals	Soil Groundwater
APEC 7	Southeastern portion the Site.	PCA 8: 27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-Site	VOCs PHCs PAHs Metals	Soil Groundwater
APEC 8	Northern portion of the Site.	PCA 9: 28 - Gasoline and Associated Products Storage in Fixed Tanks PCA 11: 37 - Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site	BTEX PHCs	Groundwater

[1] Areas of potential environmental concern means the area on, in or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through,
(a) identification of past or present uses on, in or under the Phase One Property, and
(b) identification of potentially contaminating activity.
[2] Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One study area.
[3] When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs (Acids, Bases, Neutrals)	*PCBs (Polychlorinated Biphenyls)*	*Metals*	*EC: (Electrical Conductivity)*
CPs (Chlorophenols)	*PAHs (Polycyclic Aromatic Hydrocarbons)*	*As (Arsenic), Sb (Antimony), Se (Selenium)*	*Cr (VI): (Hexavalent Chromium)*
1,4-Dioxane	*THMs (Trihalomethanes)*	*Na (Sodium)*	*Hg (Mercury)*
Dioxins/Furans, PCDDs/PCDFs (Polychlorinated dibenzo dioxins/furans)	*VOCs (Volatile Organic Compounds)*	*B-HWS (hot water-soluble Boron)*	*Methyl Mercury*
OCs (Organochlorine Pesticides)	*BTEX (Benzene, Toluene, Ethylbenzene, Xylenes)*	*Cl- (Chloride)*	*Low or high pH*
PHCs (Petroleum Hydrocarbons)	*Ca (Calcium), Mg (Magnesium)*	*CN- (Cyanide)*	*SAR (Sodium Adsorption Ratio)*

[4] When submitting a record of site condition for filing, a copy of this table must be attached.

FIGURES



LEGEND

SITE BOUNDARY

DATA SOURCE: ESRI
MAP PROJECTION: NAD 1983 UTM Zone 18N

CLIENT: SUNCOR ENERGY

SITE LOCATION: 2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE: **SITE LOCATION**

DRAWN BY: JS	PROJECT NO.: CO952.00	CHECKED BY: XX
REVISION: 00	DATE: MARCH 2024	**FIGURE: 1**

SFinlay C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG 1 SITE LOCATION.mxd

LEGEND

SITE BOUNDARY

0 10 20 30

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: SUNCOR ENERGY

SITE LOCATION:
2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
GENERAL SITE LAYOUT

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	XX
REVISION: 00	DATE: MARCH 2024	FIGURE: **2**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd - Ottawa\MXD\CO952.00 FIG 2 GENERAL SITE LAYOUT.mxd

LEGEND

- SITE BOUNDARY
- STUDY AREA
- MECP WATER WELL RECORDS

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: SUNCOR ENERGY

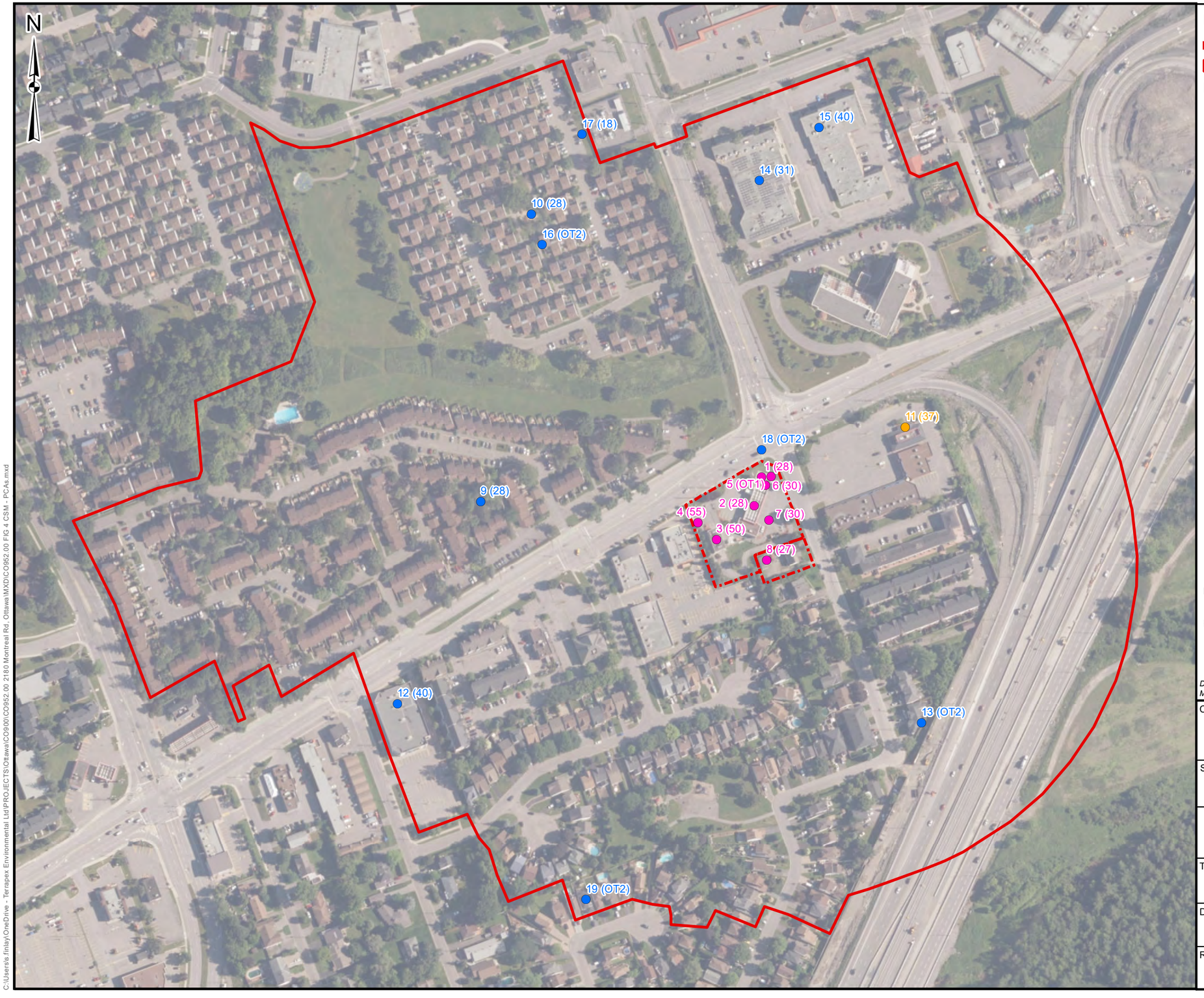
SITE LOCATION:
2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
PHASE ONE STUDY AREA AND SURROUNDING LAND USES

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	XX
REVISION: 00	DATE: MARCH 2024	FIGURE: **3**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG 3 STUDY AREA.mxd



LEGEND

- SITE BOUNDARY
- STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITIES

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC
- OFF-SITE PCA NOT LEADING TO APEC

POTENTIALLY CONTAMINATING ACTIVITY TYPES

18. ELECTRICITY GENERATION, TRANSFORMATION AND POWER STATIONS

28. GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS

30. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY

31. INK MANUFACTURING, PROCESSING AND BULK STORAGE

37. OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)

40. PESTICIDES (INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS) MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS

49. SALVAGE YARD, INCLUDING AUTOMOBILE WRECKING

50. SOAP AND DETERGENT MANUFACTURING, PROCESSING AND BULK STORAGE

55. TRANSFORMER MANUFACTURING, PROCESSING AND USE

OT1. OTHER - WASTE OIL DRUM

OT2. OTHER - SPILL

NOTE:

- PCA ID (PCA TYPE)

REFER TO THE REPORT FOR ADDITIONAL DETAILS.

0 50 100 150
Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: SUNCOR ENERGY

SITE LOCATION: 2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE: **CONCEPTUAL SITE MODEL AND POTENITALLY CONTAMINATING ACTIVITIES**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO952.00	XX
REVISION:	DATE:	FIGURE:
00	MARCH 2024	**4**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG 4 CSM - PCAs.mxd

LEGEND

SITE BOUNDARY

POTENTIALLY CONTAMINATING ACTIVITIES

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC-1
- APEC-2
- APEC-3
- APEC-4
- AEPC-5
- APEC-6 (ENTIRE SITE)
- APEC-7
- APEC-8

APEC	PCA ID	PCA TYPE	DESCRIPTION
1	1	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
2	2	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
3	3	50	SOAP AND DETERGENT MANUFACTURING, PROCESSING AND BULK STORAGE
4	4	55	TRANSFORMER MANUFACTURING, PROCESSING AND USE
5	5	OT1	WASTE OIL DRUM
6	6	30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
	7	40	PESTICIDES (INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS) MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS
7	8	49	SALVAGE YARD, INCLUDING AUTOMOBILE WRECKING
8	11	37	OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)

0 10 20 30

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: SUNCOR ENERGY

SITE LOCATION:
2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE: **CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS/SF	CO952.00	XX
REVISION: 00	DATE: MARCH 2024	FIGURE: **5**

C:\Users\s.finlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG 5 CSM - APECs.mxd

APPENDIX I:

FIRE INSURANCE PRODUCTS

opta
INFORMATION INTELLIGENCE

enviroscan

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Stephanie

Site Address:

2180 Montreal Road 872 Shefford Road Ottawa ON

Project No:

23121400793

Opta Order ID:

138270

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

12/21/2023 3:47:03 PM

Project Name: CO952.00

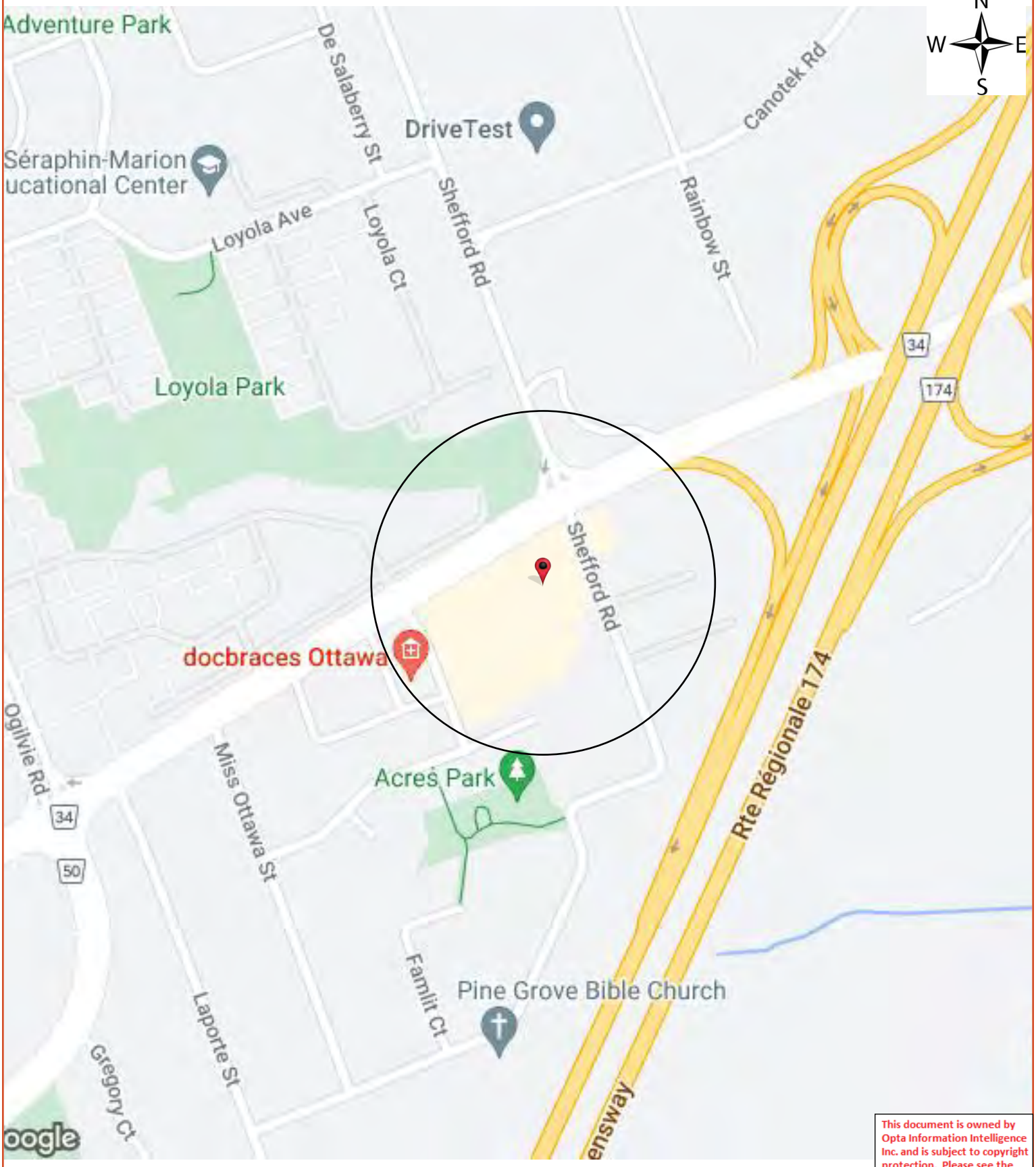
Project #: 23121400793
P.O. #: CO952.00

ENVIROSCAN Report

Search Area: 2180 Montreal Road 872 Shefford Road Ottawa ON

Requested by:
Eleanor Goolab
Date Completed: 12/21/2023 15:47:03

enviroscan
OPTA INFORMATION INTELLIGENCE



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the full Terms and Conditions at the front of this document.

Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 12/21/2023 15:47:03

OPTA INFORMATION INTELLIGENCE

No Records Found

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the full Terms and Conditions at the front of this document.

N
W E
S

APPENDIX II:

CHAIN OF TITLE

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

ENVIRONMENTAL SEARCH

BRIEF DESCRIPTION OF LAND:

2180 Montreal Road, Ottawa, ON
BLK 60, PL 4M-916; PART OF BLOCK 59 ON PLAN 4M916, BEING PARTS 1 AND 2 ON PLAN 4R12988;

PIN: 04368-0060
04368-0184

LAST REGISTERED OWNER: Suncor Energy Products Inc.

CHAIN OF TITLE:

Deed RO2799 registered Feb 7, 1846
From Henry Munro to George Dagenais and Louis Petit

Deed RO71176 registered Mar 16, 1854
From Louis Petit to George Dagenais

Deed RO8500 registered April 10., 1855
From George Dagenais to Joseph Lafleur

Deed RO19739 registered Oct 7, 1862
From Joseph Lafleur Sr. to Joseph Lafleur Jr.

Foreclosure GL4579 registered Mar 12, 1879
From C.P.L. & S. Company to Moise Lapointe

Deed GL30042 registered Oct 20, 1919
From estate of Moise Lapointe to Jean Bazinet

Deed GL39272 registered Nov 18, 1941
From estate of Jean Bazinet to Muriel Cardinal

Deed GL40579 registered Jun 26, 1944

From Muriel Cardinal to Herbert Hannam

Deed GL49121 registered Nov 14, 1951
From Herbert Hannam to Frederick Jones

Deed GL52698 registered Dec 23, 1954
From Frederick Jones to Herbert Hannam

Plan 660 registered Oct 18, 1956
By Herbert Hannam

Deed GL57530 registered Mar 18, 1957
From Herbert Hannam to Arnold and Irving Lithwick

Deed NS214215 registered Oct 17, 1983
From estate of Arnold and Irving Lithwick to Famlit Company Limited

Plan 4M422 registered Feb 16, 1984 (subdivision of Plan 660)
By Famlit Company Limited

Deed LT899653 registered Aug 5, 1994
From Famlit Company Limited to Larco Management Ltd.

Plan 4M916 registered Sep 23, 1994 (Subdivision of Plan 4M422)
By Larco Management Ltd.

Deed 908874 registered Sep 28, 1994
From Larco Management Ltd. to Famlit Company Limited

Deed LT1056141 registered Jul 3, 1997
From Famlit Company Limited to 1230522 Ontario Inc.

Deed LT1056142 registered Jul 3, 1997
From 1230522 Ontario Inc. to Sunoco Inc.

Name Change OC775287 registered Sep 20, 2007
From Sunoco Inc. to Suncor Energy Products Inc.

APPENDIX III:

DIRECTORY SEARCH

ERIS

CITY DIRECTORY

Project Property:	*CO952.00* *CO951.00* *Gloucester,ON K1J 1G4*
Project No:	*CO952.00*
Requested By:	*Terrapex Environmental Ltd.*
Order No:	*23121400793*
Date Completed:	*December 22, 2023*

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

December 22, 2023
RE: CITY DIRECTORY RESEARCH
CO951.00
Gloucester,ON K1J 1G4

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:
2111-2201, 2160-2200 of MontrÃ©al Road
970-980 of Shefford Road
Search Notes:

Search Results Summary

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006-07	VERNONS	
2000	POLKS	
1994	POLKS	
1987	MIGHTS	
1981-82	MIGHTS	
1976	MIGHTS	
1971	MIGHTS	
1966	MIGHTS	
1960	MIGHTS	

2021 MONTRÃ‰AL ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

2111 **BROWN CUSTOM DESIGN**...*BUILDING DESIGNERS*
2111 **CENTRE FOR COUNSELLING TRNNG**...*MARRIAGE & FAMILY COUNSELORS*
2160 **BUSSIERES GAGNIER MILLER**...*NONCLASSIFIED ESTABLISHMENTS*
2160 **ROTHWELL HEALTHCARE SVC INC**...*DENTISTS*
2164 **DR PEDRO SUEN-DR YONCY LEE**...*NONCLASSIFIED ESTABLISHMENTS*
2170 **MC DONALD'S**...*FOODS-CARRY OUT*
2180 **PETRO-CANADA**...*CONVENIENCE STORES*
2200 **BEACON HILL CHIRO CLINIC**...*DENTISTS*
2200 **BEACONHILL DENTAL CTR**...*DENTISTS*
2200 **BROKERLINK**...*INSURANCE*
2200 **CURVES**...*HEALTH CLUBS STUDIOS & GYMNASIUMS*
2200 **DQ GRILL CHILL**...*FOODS-CARRY OUT*
2200 **DR MARIA COULOMBE ND**...*NONCLASSIFIED ESTABLISHMENTS*
2200 **GRANT TRISHA LILL DC**...*MASSAGE THERAPISTS*
2200 **HOP'N VINE**...*BEER & ALE-RETAIL*
2200 **JUDY NAILS**...*MANICURING*
2200 **KOOL RUNNINGS CARIB STORE**...*GROCERS-RETAIL*
2200 **LITTLE CAESARS PIZZA**...*HOTELS & MOTELS*
2200 **MONEY MART**...*LOANS*
2200 **NANI SHAWARMA DONAIR**...*FOODS-CARRY OUT*
2200 **SALON UNIQUE BARBERSHOP**...*BEAUTY SALONS*
2200 **SUBWAY**...*FOODS-CARRY OUT*
2200 **VANDERVOORT DANIEL K DC**...*MASSAGE THERAPISTS*
2200 **WESTERN UNION AGENT LOCATION**...*MONEY ORDER SERVICE*
2201 **BEACON HEIGHTS RETIRE RSDNC**...*RETIREMENT PLANNING SERVICES*

2021 SHEFFORD ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2017 MONTRÃ‰AL ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

2111 **BROWN CUSTOM DESIGN**...*DRAFTING SVCS*
2180 **SUNOCO**...*OTHER GASOLINE STATIONS*
2200 **BEACON HILL CHIROPRACTIC CLNC**...*OFFICES OF CHIROPRACTORS*
2200 **BEACONHILL DENTAL CTR**...*OFFICES OF DENTISTS*
2200 **BRADSON HOME HEALTH CARE CTR**...*HOME HEALTH CARE SVCS*
2200 **CURVES**...*DIET & WEIGHT REDUCING CENTERS*
2200 **DAIRY QUEEN**...*SNACK & NONALCOHOLIC BEVERAGE BARS*
2200 **GOURMANDISE LIMITED**...*CATERERS*
2200 **GRANGER CHRIS DDS**...*OFFICES OF DENTISTS*
2200 **GRENOUILLE VERTE**...*OFFICE SUPPLIES & STATIONERY STORES*
2200 **KOOL RUNNINGS CARIBBEAN GRCRS**...*SUPERMARKETS & OTHER GROCERY STORES*
2200 **MIRAGE TANNING CTR**...*OTHER PERSONAL CARE SVCS*
2200 **MONEY MART**...*FINANCIAL TRANSACTION PROCESSING & CLEARING*
2200 **PAUL LANDRY COURTIERS D'ASSUR**...*INSURANCE AGENCIES & BROKERAGES*
2200 **PAUL LANDRY INSURANCE BROKERS**...*INSURANCE AGENCIES & BROKERAGES*
2200 **SALON UNIQUE BARBERSHOP**...*BEAUTY SALONS*
2200 **SUBWAY**...*LIMITEDSERVICE RESTAURANTS*
2200 **SUBWAY SANDWICHES & SALADS**...*LIMITED-SERVICE RESTAURANTS*
2200 **VANDERVOORT DANIEL K DC**...*OFFICES OF CHIROPRACTORS*
2200 **WESTERN UNION**...*FINANCIAL TRANSACTION PROCESSING & CLEARING*
2200 **YOUR CHOICE BOUTIQUE**...*USED MERCHANDISE STORES*

2017 SHEFFORD ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 MONTRÃ‰AL ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

2111 **BEACON HEIGHTS CCC 58 REC**...*LESSORS OF RESIDENTIAL BUILDINGS*
2111 **BROWN CUSTOM DESIGN**...*DRAFTING SVCS*
2180 **SUNOCO**...*OTHER GASOLINE STATIONS*
2200 **BEACON HILL CHIROPRACTIC CLNC**...*OFFICES OF CHIROPRACTORS*
2200 **BEACONHILL DENTAL CTR**...*OFFICES OF DENTISTS*
2200 **BRADSON HOME HEALTH CARE CTR**...*HOME HEALTH CARE SVCS*
2200 **BRADSON WE CARE HOME HEALTH**...*HOME HEALTH CARE SVCS*
2200 **COFFEE PERKS & MORE**...*SNACK & NONALCOHOLIC BEVERAGE BARS*
2200 **DAIRY QUEEN**...*SNACK & NONALCOHOLIC BEVERAGE BARS*
2200 **EDWARD JONES**...*MISC INTERMEDIATION*
2200 **GOURMANDISE**...*CATERERS*
2200 **KOOL RUNNINGS CARIBBEAN GRCRS**...*SUPERMARKETS & OTHER GROCERY STORES*
2200 **MIRAGE TANNING CTR**...*OTHER PERSONAL CARE SVCS*
2200 **PAUL LANDRY COURTIERS D'ASSUR**...*INSURANCE AGENCIES & BROKERAGES*
2200 **SUBWAY SANDWICHES & SALADS**...*LIMITED-SERVICE RESTAURANTS*
2200 **SUTTON GROUP PREMIER REALTY**...*OFFICES OF REAL ESTATE AGENTS & BROKERS*
2200 **TYROS-SHAWARMA & DONAIR**...*FULL-SERVICE RESTAURANTS*
2200 **YOUR CHOICE BOUTIQUE**...*USED MERCHANDISE STORES*

2012 SHEFFORD ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2006-07 MONTRÃƒÂ©AL ROAD-A

SOURCE: VERNONS

2006-07 MONTRÃƒÂ©AL ROAD-B

SOURCE: VERNONS

2006-07 MONTRÃƒÂ©AL ROAD-C

SOURCE: VERNONS

2006-07 SHEFFORD ROAD

SOURCE: VERNONS

	Daisy Mart Beckers	▲742-7023
920	Apartments	
X 21	Fortier C	747-1765
1)976	Roque I M	742-8807
X976	Blondeau Lionel	749-8567
977	Apartments	
6)	– Donnelly James	741-3084
1)	– Draper Carol	742-8076
	– Student Res	746-2995
1)	– Gida H	747-9195
1)	– Gida H K	748-3392
1)	– Sheppard D&T	749-7721
2)	10 Jerrard A	321-8076
1)	Unit Gida Mohinder	321-4315
X980	Frappier William	746-2672
1)980	Fleck E	747-3112
X887	Lepage Steve	749-7011

2000 MONTRÃƒÂ©AL ROAD

SOURCE: POLKS

2000 SHEFFORD ROAD

SOURCE: POLKS

RANGE NOT LISTED

1994 MONTRÃƒÂ©AL ROAD-A

SOURCE: POLKS

1994 MONTRÃƒÂ©AL ROAD-B

SOURCE: POLKS

1994 MONTRÃƒÂ©AL ROAD-C

SOURCE: POLKS

1994 MONTRÃƒÂ©AL ROAD-D

SOURCE: POLKS

★Davidson L A 747-4797
• MONTREAL RD INTERSECTS

106

972 Blondeau Jacques [5] 745-3951
Graveline I 745-3951
Bsmt Ryan Ray [2] 741-9922
★Latreille I 745-3951
976 Blondeau Lionel & Bloundeau [7] 749-8567
Blondeau Pauline 749-8567
977 Town Houses
1★Coulombe J 748-1971
2 Dunac Denise [2] 748-9643
3 Not Verified
4★Cajina Jofe S 747-7044
5 Branker Hester M [9]+ 746-6371
6 Catin Francois Y & Norma L translator 745-6708
6 Leblanc Maureen 745-6708
7 Lamarche Jacques P [2]
8 Colwell G J [2]
9 Not Verified
10 Mc Cronk Sharon [5] 741-4841
11★Porte Arth & Gertrude T 749-5753
12 Mc Kenna-Cameron [2]
13★Mc Kenna Patk 745-7973
14 Desroces Denis M & Suzanne A [2] 749-9919
15 Samuels Doris [2] 744-6024
16 Beaudry Yvonne R [2] 741-1247
16 Chartentier Robt R 741-1247
16 Chartentier Chantal D 741-1247
17 Owusu-Sechere Isaac & Anna [2] 747-9026
980 Frappier William P [3] © 746-2672
980b Not Verified
987 Lepage Steve R & Lynn M pntr © 749-7011

MONTREAL RD INTERSECTS

MONTREAL INTERSECTS
972 Vacant
★Blendeau Lionel
976 No Return
★Blondeau Lionel 749-3581
977 Town Houses
1★Abellan A
2★Voger Ervin
3 Weisenberg Dale 745-8613
4★Worrol B
5 Branker Hester 746-6371
6★Trazona Roman
7★Turcotty L 741-4234
8★Ireland Robert
9 Kam-Kin Emile 748-0778
10 Vacant
11★Laprade Eleanor 741-1423
12 Foster Neil 748-6345
13★Dupras Carole 744-6322
★Dupuis Gerald 741-0987
15★Elhage Said
16★Samson Denise 746-0016
17★Belanger L 749-0825
980 Laferniere Joanne Mrs @ 745-0810
983 Vacant

1981-82 MONTRÃƒÂ©AL ROAD-A

SOURCE: MIGHTS

1981-82 MONTRÃƒÂ©AL ROAD-B

SOURCE: MIGHTS

745-7656

MONTREAL INTERSECTS
972 Kovacs Ken 745-6725
976 Blondeau Lionel 749-3581
977 Town Houses
1★Clarke Anne 749-0257
2 Rochon Laurier L 745-9259
3★Wisenburg R 745-8613
4★Godard Jean-Guy 746-9301
5★Branker H 746-6371
6 Villeneuve Edgar
7★Rinfret J P 749-9683
8 No Return
9 Mulroney Tom 746-8253
10 Nass S 745-0997
11 Herst D 741-1423
12★Brown Anna J 749-7416
13 Vacant
14★Belanger R J 746-1100
15 Vacant
16★Clark L S 746-9490
17 Charron Alfred 749-9163
980 Apartments
1 Zappia Joe 741-4153
2 No Return
3 Jodouin C 746-8813
4 No Return
983 Queensway Welding Ltd 749-4855

1976 MONTRÃƒÂ©AL ROAD-A

SOURCE: MIGHTS

1976 MONTRÃƒÂ©AL ROAD-B

SOURCE: MIGHTS

970 No Return
MONTREAL INTERSECTS
972 No Return
976 Zumbach Gottfried © 746-5566
977 Town Houses
1 Beals Eric G 746-9930
2 No Return
3 No Return
4 Serrurier Gerard 746-7592
5 No Return
6 Vacant
7 No Return
8 Mattey Ronald 746-5267
9 Mulroney Tom 746-8253
10 No Return
11 No Return
12 Nolet Antonius 749-7794
13 Dickie Geo 745-1068
14 No Return
15 No Return
16 No Return
17 Connolly John 746-1148
980 Apartments
1 Desrosiers Edw 745-7476
2 Lacoste Gary 746-0960
3 No Return
4 No Return
983 Queensway Welding 749-4855
Hopkins William J © 745-3707

1971 MONTRÃƒÂ©AL ROAD

SOURCE: MIGHTS

1971 SHEFFORD ROAD

SOURCE: MIGHTS

841 Mac's Milk Store 745-0796
970 No Return
MONTREAL RD INTERSECTS
972 Willmott Ronald M © 749-2338
977 No Return
980 Zumbach Gottfried © 749-2141
ABC Cabinets mkrs 749-2141
B Fox Gwendolyn
Woods James 749-0766
983 Queensway Welding 749-4855
Hopkins Wm J © 745-3707

1966 MONTRÃ‰AL ROAD

SOURCE: MIGHTS

RANGE NOT LISTED

1966 SHEFFORD ROAD

SOURCE: MIGHTS

STREET NOT LISTED

1960 MONTRÃ‰AL ROAD

SOURCE: MIGHTS

RANGE NOT LISTED

1960 SHEFFORD ROAD

SOURCE: MIGHTS

STREET NOT LISTED

APPENDIX IV:

ERIS REPORT

DATABASE REPORT

Project Property:	*CO952.00* *CO951.00* *Gloucester ON K1J 1G4*
Project No:	*CO952.00*
Report Type:	*RSC Report (Urban)*
Order No:	*23121400793*
Requested by:	*Terrapex Environmental Ltd.*
Date Completed:	*December 19, 2023*

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

Table of Contents

Table of Contents.....2
Executive Summary.....3
Executive Summary: Report Summary.....4
Executive Summary: Site Report Summary - Project Property.....7
Executive Summary: Site Report Summary - Surrounding Properties.....10
Executive Summary: Summary By Data Source.....22
Map.....39
Aerial.....40
Topographic Map.....41
Detail Report.....42
Unplottable Summary.....166
Unplottable Report.....171
Appendix: Database Descriptions.....229
Definitions.....239

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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

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

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

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

Executive Summary

Property Information:

Project Property:	*CO952.00* *CO951.00 Gloucester ON K1J 1G4*
Project No:	*CO952.00*

Order Information:

Order No:	*23121400793*
Date Requested:	*December 14, 2023*
Requested by:	*Terrapex Environmental Ltd.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	5	6
CA	Certificates of Approval	Y	1	8	9
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	2	0	2
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	15	15
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	5	0	5
FSTH	Fuel Storage Tank - Historic	Y	2	0	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	12	41	53
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	5	5
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	8	8
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	2	1	3
SCT	Scott's Manufacturing Directory	Y	0	14	14
SPL	Ontario Spills	Y	0	19	19
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	22	23

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
Total:			26	140	166

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA	SUNOCO INC.	2180 MONTREAL ROAD (SWM) GLOUCESTER ON K1J 1G4	N/0.0	-1.41	42
1	RST	SUNOCO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	N/0.0	-1.41	42
1	RST	SUNOCO INC	2180 MONTREAL RD OTTAWA ON K1J 1G4	N/0.0	-1.41	42
1	FSTH	1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	N/0.0	-1.41	42
1	FSTH	1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	N/0.0	-1.41	43
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	43
1	DTNK	1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	N/0.0	-1.41	44
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	N/0.0	-1.41	44

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	N/0.0	-1.41	45
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	N/0.0	-1.41	45
1	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	N/0.0	-1.41	46
1	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	N/0.0	-1.41	46
1	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	N/0.0	-1.41	47
1	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	N/0.0	-1.41	47
1	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	N/0.0	-1.41	48
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	48
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	N/0.0	-1.41	49
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	50
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	50
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	50
1	GEN	Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	N/0.0	-1.41	51
1	DTNK		2180 MONTREAL RD OTTAWA ON K1J 1G4	N/0.0	-1.41	51
1	GEN	2640754 Ontario Inc.	2180 Montreal Rd Ottawa ON K1J 1G4	N/0.0	-1.41	52
2	BORE		ON	SE/0.0	-0.86	52
3	WWIS		lot 16 con 1 ON ***Well ID:*** 1500755	SE/0.0	-0.86	54

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	RST	SUNOCO INC	2180 MONTREAL RD GLOUCESTER ON K1J1G4	WNW/7.4	0.59	57
5	WWIS		lot 16 con 1 ON ***Well ID:*** 1500757	SE/13.6	-0.23	57
6	CA	B. MARCIL - SHEFFORD ROAD/PLACE VOYAGEUR	EASEMENT SHEFFORD/MONTREAL RD. GLOUCESTER CITY ON	NNE/18.5	-3.12	60
6	CA	B. MARCIL - SHEFFORD RD.-PLACE VOYAGEUR	EASEMENT SHEFFORD RD/MONTREAL GLOUCESTER CITY ON	NNE/18.5	-3.12	60
6	SPL	Kiewit Eurovia Vinci	closest intersection Montreal Road & Shefford Rd Ottawa ON	NNE/18.5	-3.12	60
7	SPL		2170 Montreal Road Ottawa ON	WSW/35.3	2.86	61
8	WWIS		lot 16 con 1 ON ***Well ID:*** 1500754	NNW/54.4	-3.48	62
9	WWIS		lot 15 con 1 ON ***Well ID:*** 1500744	ENE/61.2	-3.12	64
10	BORE		ON	ESE/63.1	-1.15	67
11	WWIS		lot 15 con 1 ON ***Well ID:*** 1500746	ESE/63.3	-1.15	68
12	GEN	Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	ESE/65.1	-1.15	71
13	WWIS		lot 15 con 1 ON	NE/67.6	-4.17	72

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7199277			
14	SPL	PRIVATE RESIDENCE	985 SHEFFERD RD. FURNACE OIL TANK GLOUCESTER CITY ON	ESE/68.1	-0.17	73
15	WWIS		BRILIA PRIVET lot 15 con 1 Ottawa ON ***Well ID:*** 7187530	ESE/68.4	-1.25	74
16	GEN	Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	ESE/78.6	-1.25	76
16	GEN	Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	ESE/78.6	-1.25	76
16	GEN	Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	ESE/78.6	-1.25	76
17	GEN	MAXI BRITE CLEANERS	2200 MONTREAL ROAD, UNIT C-2 GLOUCESTER ON K1J 6M5	ENE/78.7	-3.12	77
17	SPL	City of Ottawa	2200 Montreal Road, Eastbound Ottawa ON	ENE/78.7	-3.12	77
17	EHS		2200 Montreal Rd Ottawa ON K1J6M5	ENE/78.7	-3.12	78
18	CA	FAMLIT COMPANY LIMITED	SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	W/89.9	5.64	78
18	CA	FAMLIT COMPANY LIMITED	SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	W/89.9	5.64	78
18	CA	DEV-COM INVESTMENTS CORPORATION	MONTREAL RD./SINCLAIR ST.(SWM) GLOUCESTER CITY ON	W/89.9	5.64	79
19	WWIS		lot 15 con 1 ON ***Well ID:*** 1500751	ESE/91.8	-1.25	79
20	SPL		Queensway at St Joseph Boulevard, Ottawa OTTAWA ON	ENE/100.8	-3.12	82

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	EHS		2150 Montreal Rd Ottawa ON K1J6M7	WSW/102.7	4.83	83
22	WWIS		CANOTEK ROAD & SHEFFORD RD Ottawa ON ***Well ID:*** 7230098	NNW/104.1	-4.87	83
23	WWIS		SHEFFORD ROAD lot 16 con 1 Ottawa ON ***Well ID:*** 7235408	NNW/118.5	-5.81	86
24	RSC	Derfco Inc.	No Municipal Address, OTTAWA ON	NNE/132.0	-5.20	89
25	SPL	Kiewit Eurovia Vinci	Ottawa ON	N/146.1	-6.86	89
26	CA	GLOUCESTER CITY	SHEFFORD RD./EAST ACRES RD. GLOUCESTER CITY ON	SE/152.3	-1.25	90
27	EHS		2201 Montréal Road Gloucester ON K1J 9N5	NE/152.4	-5.17	90
27	EHS		2201 Montréal Road Gloucester ON K1J 9N5	NE/152.4	-5.17	90
27	EHS		2201 Montréal Road Gloucester ON K1J 9N5	NE/152.4	-5.17	91
28	WWIS		lot 16 con 1 ON ***Well ID:*** 1500756	SSE/167.0	-0.17	91
29	CA	Beacon Hill Facility Inc.	2201 Montreal Rd Ottawa ON	NE/174.1	-5.17	93
29	ECA	Beacon Hill Facility Inc.	2201 Montreal Rd Ottawa ON M4W 3R8	NE/174.1	-5.17	94
30	WWIS		lot 15 con 1 ON	NE/184.3	-5.17	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1500745			
31	BORE		ON	NE/184.5	-5.17	97
32	WWIS		lot 15 con 1 ON ***Well ID:*** 1500743	NE/190.6	-5.17	99
33	EHS		2124 Montreal Road Ottawa ON K1J 6M7	WSW/194.7	6.52	102
34	GEN	GOLDEN CARE DENTAL SERVICES	2128 montreal road OTTAWA ON K1J6M7	WSW/196.1	6.52	102
34	GEN	GOLDEN CARE DENTAL SERVICES	2128 montreal road OTTAWA ON K1J6M7	WSW/196.1	6.52	102
35	BORE		ON	WSW/208.5	6.52	103
36	WWIS		lot 16 con 1 ON ***Well ID:*** 1500760	WSW/208.6	6.52	104
37	SPL	Kiewit Eurovia Vinci	RR 174 - SEE UTM Ottawa ON	E/213.8	-3.20	106
38	WWIS		ON ***Well ID:*** 7375976	ENE/214.7	-4.17	107
39	WWIS		OLRT HIGHWAY 417 AT MONTREAL RD lot 15 con 1 Ottawa ON ***Well ID:*** 7314298	ENE/215.0	-4.17	108
40	CA	EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, UNIT #38 GLOUCESTER CITY ON K1J 1A4	N/220.2	-7.17	111
40	SCT	EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK RD UNIT 38 GLOUCESTER ON K1J 1A4	N/220.2	-7.17	111
40	SCT	Expo Zone International Inc.	5300 Canotek Rd Unit 38 Ottawa ON K1J 1A4	N/220.2	-7.17	111

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	GEN	EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, #38 GLOUCESTER ON K1J 1A4	N/220.2	-7.17	112
40	GEN	EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, UNIT 38 GLOUCESTER ON K1J 1A4	N/220.2	-7.17	112
40	SCT	Impact Dental Laboratory	5300 Canotek Rd Suite 200 Gloucester ON K1J 1A4	N/220.2	-7.17	112
40	SCT	Transcontinental Media	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	N/220.2	-7.17	113
40	SCT	Ottawa Business Journal	5300 Canotek Rd Unit 30 Ottawa ON K1J 1A4	N/220.2	-7.17	113
40	SCT	L'Express d'Orleans	5300 Canotek Rd Unit 30 Ottawa ON K1J 1A4	N/220.2	-7.17	113
40	SCT	The Star	5300 Canotek Rd Ottawa ON K1J 1A4	N/220.2	-7.17	113
40	SCT	Weekly Journal	5300 Canotek Rd Suite 30 Ottawa ON K1J 1A4	N/220.2	-7.17	114
40	SCT	Impact Dental Laboratory Ltd.	5300 Canotek Rd Suite 200 Gloucester ON K1J 1A4	N/220.2	-7.17	114
40	SCT	The Star	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	N/220.2	-7.17	114
40	SCT	Ottawa Business Journal	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	N/220.2	-7.17	114
40	SCT	L'Express d'Orleans	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	N/220.2	-7.17	115
40	SCT	Journal La Nouvelle	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	N/220.2	-7.17	115

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	EHS		5300 Canotek Road Ottawa ON	N/220.2	-7.17	115
40	EHS		5300 Canotek Rd Ottawa ON	N/220.2	-7.17	115
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	116
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	116
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	116
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON	N/220.2	-7.17	117
40	EHS		5300 Canotek Rd Ottawa ON K1J1A4	N/220.2	-7.17	117
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	117
40	GEN	Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	118
40	GEN	Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	118
40	GEN	Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	118
40	EHS		5300 Canotek Road Ottawa ON	N/220.2	-7.17	119
40	GEN	Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	N/220.2	-7.17	119

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	EHS		5300 Canotek Road Gloucester ON K1J 1A4	N/220.2	-7.17	119
40	EHS		5300 Canotek Road Gloucester ON K1J 1A4	N/220.2	-7.17	119
40	EHS		5300 Canotek Road Gloucester ON K1J 1A4	N/220.2	-7.17	120
41	SPL	TEXACO	TH. COMPLEX AT 2166 LOYOLA ST. IN THE STORM SEWER NEAR UNIT 46 TANK TRUCK (CARGO) GLOUCESTER CITY ON K1J 8H5	NW/220.5	-6.86	120
41	SPL	PRIVATE RESIDENCE	2166 LOYOLA AVE #140 FURNACE OIL TANK OTTAWA CITY ON K1J 8H5	NW/220.5	-6.86	121
41	PINC	PIPELINE HIT - 1/2"	2166 LOYOLA AVENUE,,OTTAWA,ON, K1J 8H5,CA ON	NW/220.5	-6.86	121
41	PINC	TASCOR CONSTRUCTION LTD	2166 LOYOLA AVE,,OTTAWA,ON,K1J 8H5,CA ON	NW/220.5	-6.86	122
41	SPL	Enbridge Gas Distribution Inc.	2166 Loyola Ave Ottawa ON	NW/220.5	-6.86	122
41	SPL		2166 Loyala Unit 127 Ottawa ON	NW/220.5	-6.86	123
42	WWIS		OLRT lot 15 con 1 Ottawa ON ***Well ID:*** 7311679	SE/232.0	-3.17	124
43	WWIS		lot 16 con 1 ON ***Well ID:*** 1500753	WNW/245.9	3.78	126
44	BORE		ON	WNW/245.9	3.78	129

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
45	EHS		5300 - 5310 Canotek Rd Ottawa ON	N/251.6	-6.32	130
46	PES	PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT 28 GLOUCESTER ON K1J 9N5	NNE/253.6	-6.17	130
46	PES	PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT46 GLOUCESTER ON K1J9N5	NNE/253.6	-6.17	131
46	SCT	ProSoya Inc.	5310 Canotek Rd Unit 2 Gloucester ON K1J 9N5	NNE/253.6	-6.17	131
46	GEN	Classic Care Pharmacy Corporation	5310 Canotek Road Unit 30 Gloucester ON	NNE/253.6	-6.17	131
46	PES	PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT46 GLOUCESTER ON K1J9N5	NNE/253.6	-6.17	132
47	PINC		2111 Montreal Road, Unit 191, Ottawa ON	W/257.5	8.83	132
47	SPL	Enbridge Gas Distribution Inc.	2111 Montreal Road, Unit 66 Ottawa ON	W/257.5	8.83	132
47	PINC	PIPELINE HIT	2111 MONTREAL RD, UNIT 66,,,OTTAWA, ON,K1J 8M8,CA ON	W/257.5	8.83	133
47	SPL	Enbridge Gas Distribution Inc.	2111 Montreal Rd Ottawa ON	W/257.5	8.83	134
47	SPL		2111 Montreal Road Ottawa ON	W/257.5	8.83	135
47	SPL	Enbridge Gas Distribution Inc.	2111 Montreal Road Ottawa ON	W/257.5	8.83	135
47	PINC	PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	W/257.5	8.83	136

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
47	PINC	PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	W/257.5	8.83	137
47	PINC	PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	W/257.5	8.83	137
47	PINC	ENBRIDGE GAS INC	2111 MONTREAL RD,,OTTAWA,ON,K1J 8M8,CA ON	W/257.5	8.83	138
47	SPL	Enbridge Energy Distribution Inc.	2111 Montreal St. Ottawa ON	W/257.5	8.83	138
48	EHS		960 Loyola Ave Ottawa ON K1J7W3	WNW/259.8	-5.60	139
49	WWIS		lot 15 con 1 ON ***Well ID:*** 1514662	N/261.7	-6.32	139
50	SPL	Hydro Ottawa Limited	1270 Famlit Crt Ottawa ON	SSW/262.1	2.52	142
51	PES	LAPORTE GARDENS & GREENHOUSES LTD	2116 MONTREAL ROAD OTTAWA ON K1J 6M7	WSW/262.7	6.83	143
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON	WSW/266.0	6.83	143
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON	WSW/266.0	6.83	144
52	GEN	Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	144
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	144

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	GEN	Pharma Plus Drugmarts Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	145
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	145
52	GEN	Appletree Medical Group	2116 Montreal Road, Unit 2 ottawa ON K1J6M7	WSW/266.0	6.83	146
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	146
52	GEN	Appletree Medical Group	2116 Montreal Road, Unit 2 ottawa ON K1J6M7	WSW/266.0	6.83	146
52	GEN	Pharma Plus Drugmarts Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	147
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	147
52	GEN	Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	147
52	PES	LAPORTE GARDENS & GREENHOUSES LTD	2116 MONTREAL ROAD OTTAWA ON K1J6M7	WSW/266.0	6.83	148
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	148
52	GEN	Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	149
52	GEN	Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	149
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	149

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	GEN	Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	150
52	GEN	Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	WSW/266.0	6.83	150
53	SPL	Hydro Ottawa Limited	920 SHEFFORD RD, OTTAWA<UNOFFICIAL> Ottawa ON	NNW/276.6	-7.57	151
54	GEN	GLOUCESTER HYDRO 17-196	SHEFFORD RD. AT CANOTEK RD., BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	NNW/280.6	-8.12	152
54	GEN	GLOUCESTER HYDRO	SHEFFORD RD. AT CANOTEK RD., BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	NNW/280.6	-8.12	152
55	GEN	GLOUCESTER HYDRO	SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON	NNW/280.6	-8.12	152
55	GEN	GLOUCESTER HYDRO 17-196	SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON	NNW/280.6	-8.12	153
56	WWIS		MONTREAL RD lot 15 con 1 Ottawa ON ***Well ID:*** 7209248	NE/284.3	-5.48	153
57	WWIS		lot 16 con 1 ON ***Well ID:*** 1500758	SW/285.5	4.78	155
58	SPL	Hydro Ottawa Limited	910 Shefford Rd Ottawa ON	NNW/288.9	-7.57	157
59	WWIS		lot 17 con 1 ON ***Well ID:*** 1500783	SW/296.7	4.78	158
60	WWIS		lot 15 con 1 ON	NE/297.6	-6.16	161

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1510894			
61	BORE		ON	NE/297.7	-6.16	164

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	2
	ON	63.1	10
	ON	184.5	31
	ON	208.5	35
	ON	245.9	44
	ON	297.7	61

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 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNOCO INC.	2180 MONTREAL ROAD (SWM) GLOUCESTER ON K1J 1G4	0.0	1
B. MARCIL - SHEFFORD ROAD/PLACE VOYAGEUR	EASEMENT SHEFFORD/MONTREAL RD. GLOUCESTER CITY ON	18.5	6

Site	Address	Distance (m)	Map Key
B. MARCIL - SHEFFORD RD.-PLACE VOYAGEUR	EASEMENT SHEFFORD RD/MONTREAL GLOUCESTER CITY ON	18.5	6
FAMLIT COMPANY LIMITED	SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	89.9	18
FAMLIT COMPANY LIMITED	SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	89.9	18
DEV-COM INVESTMENTS CORPORATION	MONTREAL RD./SINCLAIR ST.(SWM) GLOUCESTER CITY ON	89.9	18
GLOUCESTER CITY	SHEFFORD RD./EAST ACRES RD. GLOUCESTER CITY ON	152.3	26
Beacon Hill Facility Inc.	2201 Montreal Rd Ottawa ON	174.1	29
EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, UNIT #38 GLOUCESTER CITY ON K1J 1A4	220.2	40

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 2 DTNK site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2180 MONTREAL RD OTTAWA ON K1J 1G4	0.0	1
1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	0.0	1

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Oct 31, 2023 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Beacon Hill Facility Inc.	2201 Montreal Rd Ottawa ON M4W 3R8	174.1	29

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Sep 30, 2023 has found that there are 15 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2200 Montreal Rd Ottawa ON K1J6M5	78.7	17
	2150 Montreal Rd Ottawa ON K1J6M7	102.7	21
	2201 Montréal Road Gloucester ON K1J 9N5	152.4	27
	2201 Montréal Road Gloucester ON K1J 9N5	152.4	27
	2201 Montréal Road Gloucester ON K1J 9N5	152.4	27
	2124 Montreal Road Ottawa ON K1J 6M7	194.7	33
	5300 Canotek Road Gloucester ON K1J 1A4	220.2	40
	5300 Canotek Road Gloucester ON K1J 1A4	220.2	40

Site	Address	Distance (m)	Map Key
	5300 Canotek Road Gloucester ON K1J 1A4	220.2	40
	5300 Canotek Road Ottawa ON	220.2	40
	5300 Canotek Road Ottawa ON	220.2	40
	5300 Canotek Rd Ottawa ON	220.2	40
	5300 Canotek Rd Ottawa ON K1J1A4	220.2	40
	5300 - 5310 Canotek Rd Ottawa ON	251.6	45
	960 Loyola Ave Ottawa ON K1J7W3	259.8	48

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 5 FST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	0.0	1
SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	0.0	1

Site	Address	Distance (m)	Map Key
SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	0.0	1
SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	0.0	1
SUNCOR ENERGY PRODUCTS PARTNERSHIP	2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	0.0	1

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	0.0	1
1135013 ONTARIO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	0.0	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 53 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	0.0	1

Site	Address	Distance (m)	Map Key
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
2640754 Ontario Inc.	2180 Montreal Rd Ottawa ON K1J 1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Suncor Energy Products Inc.	2180 Montreal Road Ottawa ON K1J1G4	0.0	1
Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	65.1	12
Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	78.6	16
Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	78.6	16

Site	Address	Distance (m)	Map Key
Brilia Private Co-Tenancy	102 Brilia Private Gloucester ON K1J 0B7	78.6	16
MAXI BRITE CLEANERS	2200 MONTREAL ROAD, UNIT C-2 GLOUCESTER ON K1J 6M5	78.7	17
GOLDEN CARE DENTAL SERVICES	2128 montreal road OTTAWA ON K1J6M7	196.1	34
GOLDEN CARE DENTAL SERVICES	2128 montreal road OTTAWA ON K1J6M7	196.1	34
EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, #38 GLOUCESTER ON K1J 1A4	220.2	40
EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK ROAD, UNIT 38 GLOUCESTER ON K1J 1A4	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40

Site	Address	Distance (m)	Map Key
Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Impact dental Laboratory Ltd.	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Dental Services Group of Toronto, Inc	200-5300 Canotek Road Ottawa ON K1J 1A4	220.2	40
Classic Care Pharmacy Corporation	5310 Canotek Road Unit 30 Gloucester ON	253.6	46
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON	266.0	52
Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Pharma Plus Drugmarts Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Appletree Medical Group	2116 Montreal Road, Unit 2 ottawa ON K1J6M7	266.0	52

Site	Address	Distance (m)	Map Key
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Appletree Medical Group	2116 Montreal Road, Unit 2 ottawa ON K1J6M7	266.0	52
Pharma Plus Drugmarts Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Rexall Pharmacy Group Ltd	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52
Ontario Doctors Management Group Inc.	2116 Montreal Road Ottawa ON K1J 6M7	266.0	52

Site	Address	Distance (m)	Map Key
GLOUCESTER HYDRO 17-196	SHEFFORD RD. AT CANOTEK RD., BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	280.6	54
GLOUCESTER HYDRO	SHEFFORD RD. AT CANOTEK RD., BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	280.6	54
GLOUCESTER HYDRO	SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON	280.6	55
GLOUCESTER HYDRO 17-196	SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON	280.6	55

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Oct 31, 2023 has found that there are 5 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT46 GLOUCESTER ON K1J9N5	253.6	46
PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT 28 GLOUCESTER ON K1J 9N5	253.6	46
PCO SERVICES INC.	5310 CANOTEK ROAD, UNIT46 GLOUCESTER ON K1J9N5	253.6	46
LAPORTE GARDENS & GREENHOUSES LTD	2116 MONTREAL ROAD OTTAWA ON K1J 6M7	262.7	51
LAPORTE GARDENS & GREENHOUSES LTD	2116 MONTREAL ROAD OTTAWA ON K1J6M7	266.0	52

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 8 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PIPELINE HIT - 1/2"	2166 LOYOLA AVENUE,,OTTAWA,ON,K1J 8H5,CA ON	220.5	41
TASCOR CONSTRUCTION LTD	2166 LOYOLA AVE,,OTTAWA,ON,K1J 8H5, CA ON	220.5	41
PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	257.5	47
PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	257.5	47
PIPELINE HIT 1/2"	2111 MONTREAL RD,,GLOUCESTER,ON, K1J 8M8,CA ON	257.5	47
PIPELINE HIT	2111 MONTREAL RD, UNIT 66,,,OTTAWA, ON,K1J 8M8,CA ON	257.5	47
	2111 Montreal Road, Unit 191, Ottawa ON	257.5	47
ENBRIDGE GAS INC	2111 MONTREAL RD,,OTTAWA,ON,K1J 8M8,CA ON	257.5	47

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Oct 2023 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Derfco Inc.	No Municipal Address, OTTAWA ON	132.0	24

Site	Address	Distance (m)	Map Key

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Oct 31, 2023 has found that there are 3 RST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNOCO INC	2180 MONTREAL RD OTTAWA ON K1J 1G4	0.0	1
SUNOCO INC	2180 MONTREAL RD GLOUCESTER ON K1J 1G4	0.0	1
SUNOCO INC	2180 MONTREAL RD GLOUCESTER ON K1J1G4	7.4	4

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 14 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Transcontinental Media	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	220.2	40
Impact Dental Laboratory	5300 Canotek Rd Suite 200 Gloucester ON K1J 1A4	220.2	40
Expo Zone International Inc.	5300 Canotek Rd Unit 38 Ottawa ON K1J 1A4	220.2	40
EXPO ZONE INTERNATIONAL INC.	5300 CANOTEK RD UNIT 38 GLOUCESTER ON K1J 1A4	220.2	40
Journal La Nouvelle	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	220.2	40

Site	Address	Distance (m)	Map Key
Ottawa Business Journal	5300 Canotek Rd Unit 30 Ottawa ON K1J 1A4	220.2	40
Ottawa Business Journal	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	220.2	40
The Star	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	220.2	40
Impact Dental Laboratory Ltd.	5300 Canotek Rd Suite 200 Gloucester ON K1J 1A4	220.2	40
Weekly Journal	5300 Canotek Rd Suite 30 Ottawa ON K1J 1A4	220.2	40
The Star	5300 Canotek Rd Ottawa ON K1J 1A4	220.2	40
L'Express d'Orleans	5300 Canotek Rd Unit 30 Ottawa ON K1J 1A4	220.2	40
L'Express d'Orleans	5300 Canotek Rd Unit 30 Gloucester ON K1J 1A4	220.2	40
ProSoya Inc.	5310 Canotek Rd Unit 2 Gloucester ON K1J 9N5	253.6	46

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2021; see description has found that there are 19 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Kiewit Eurovia Vinci	closest intersection Montreal Road & Shefford Rd Ottawa ON	18.5	6
	2170 Montreal Road Ottawa ON	35.3	7
PRIVATE RESIDENCE	985 SHEFFERD RD. FURNACE OIL TANK GLOUCESTER CITY ON	68.1	14
City of Ottawa	2200 Montreal Road, Eastbound Ottawa ON	78.7	17
	Queensway at St Joseph Boulevard, Ottawa OTTAWA ON	100.8	20
Kiewit Eurovia Vinci	Ottawa ON	146.1	25
Kiewit Eurovia Vinci	RR 174 - SEE UTM Ottawa ON	213.8	37
	2166 Loyala Unit 127 Ottawa ON	220.5	41
Enbridge Gas Distribution Inc.	2166 Loyola Ave Ottawa ON	220.5	41
PRIVATE RESIDENCE	2166 LOYOLA AVE #140 FURNACE OIL TANK OTTAWA CITY ON K1J 8H5	220.5	41
TEXACO	TH. COMPLEX AT 2166 LOYOLA ST. IN THE STORM SEWER NEAR UNIT 46 TANK TRUCK (CARGO) GLOUCESTER CITY ON K1J 8H5	220.5	41
Enbridge Gas Distribution Inc.	2111 Montreal Road Ottawa ON	257.5	47

Site	Address	Distance (m)	Map Key
Enbridge Energy Distribution Inc.	2111 Montreal St. Ottawa ON	257.5	47
	2111 Montreal Road Ottawa ON	257.5	47
Enbridge Gas Distribution Inc.	2111 Montreal Rd Ottawa ON	257.5	47
Enbridge Gas Distribution Inc.	2111 Montreal Road, Unit 66 Ottawa ON	257.5	47
Hydro Ottawa Limited	1270 Famlit Crt Ottawa ON	262.1	50
Hydro Ottawa Limited	920 SHEFFORD RD, OTTAWA<UNOFFICIAL> Ottawa ON	276.6	53
Hydro Ottawa Limited	910 Shefford Rd Ottawa ON	288.9	58

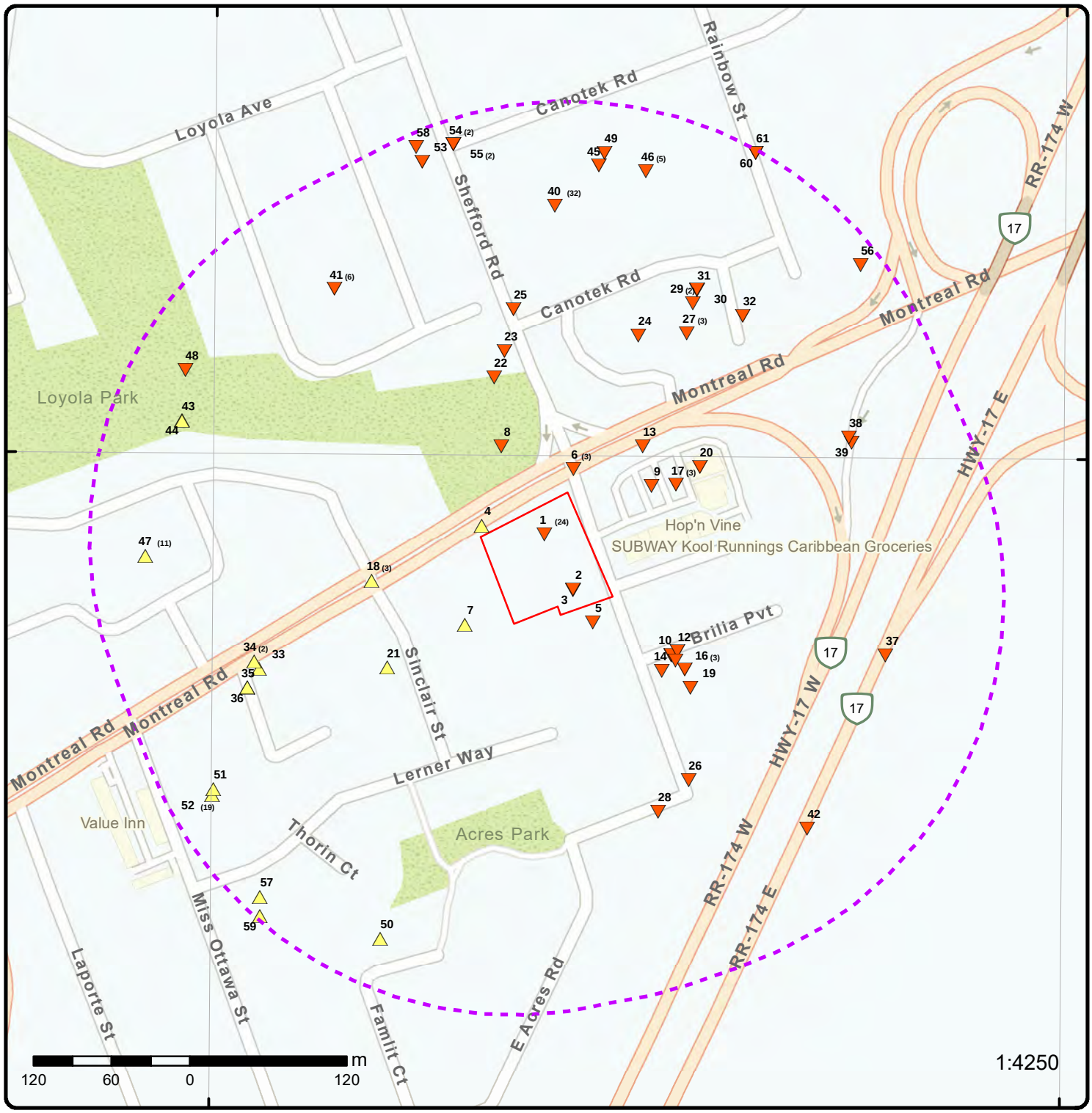
WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 23 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 16 con 1 ON ***Well ID:*** 1500755	0.0	3
	lot 16 con 1 ON ***Well ID:*** 1500757	13.6	5

Site	Address	Distance (m)	Map Key
	lot 16 con 1 ON ***Well ID:*** 1500754	54.4	8
	lot 15 con 1 ON ***Well ID:*** 1500744	61.2	9
	lot 15 con 1 ON ***Well ID:*** 1500746	63.3	11
	lot 15 con 1 ON ***Well ID:*** 7199277	67.6	13
	BRILIA PRIVET lot 15 con 1 Ottawa ON ***Well ID:*** 7187530	68.4	15
	lot 15 con 1 ON ***Well ID:*** 1500751	91.8	19
	CANOTEK ROAD & SHEFFORD RD Ottawa ON ***Well ID:*** 7230098	104.1	22
	SHEFFORD ROAD lot 16 con 1 Ottawa ON ***Well ID:*** 7235408	118.5	23
	lot 16 con 1 ON ***Well ID:*** 1500756	167.0	28
	lot 15 con 1 ON ***Well ID:*** 1500745	184.3	30
	lot 15 con 1 ON ***Well ID:*** 1500743	190.6	32
	lot 16 con 1 ON	208.6	36

Site	Address	Distance (m)	Map Key
	Well ID: 1500760		
	ON ***Well ID:*** 7375976	214.7	38
	OLRT HIGHWAY 417 AT MONTREAL RD lot 15 con 1 Ottawa ON ***Well ID:*** 7314298	215.0	39
	OLRT lot 15 con 1 Ottawa ON ***Well ID:*** 7311679	232.0	42
	lot 16 con 1 ON ***Well ID:*** 1500753	245.9	43
	lot 15 con 1 ON ***Well ID:*** 1514662	261.7	49
	MONTREAL RD lot 15 con 1 Ottawa ON ***Well ID:*** 7209248	284.3	56
	lot 16 con 1 ON ***Well ID:*** 1500758	285.5	57
	lot 17 con 1 ON ***Well ID:*** 1500783	296.7	59
	lot 15 con 1 ON ***Well ID:*** 1510894	297.6	60



Map: 0.3 Kilometer Radius

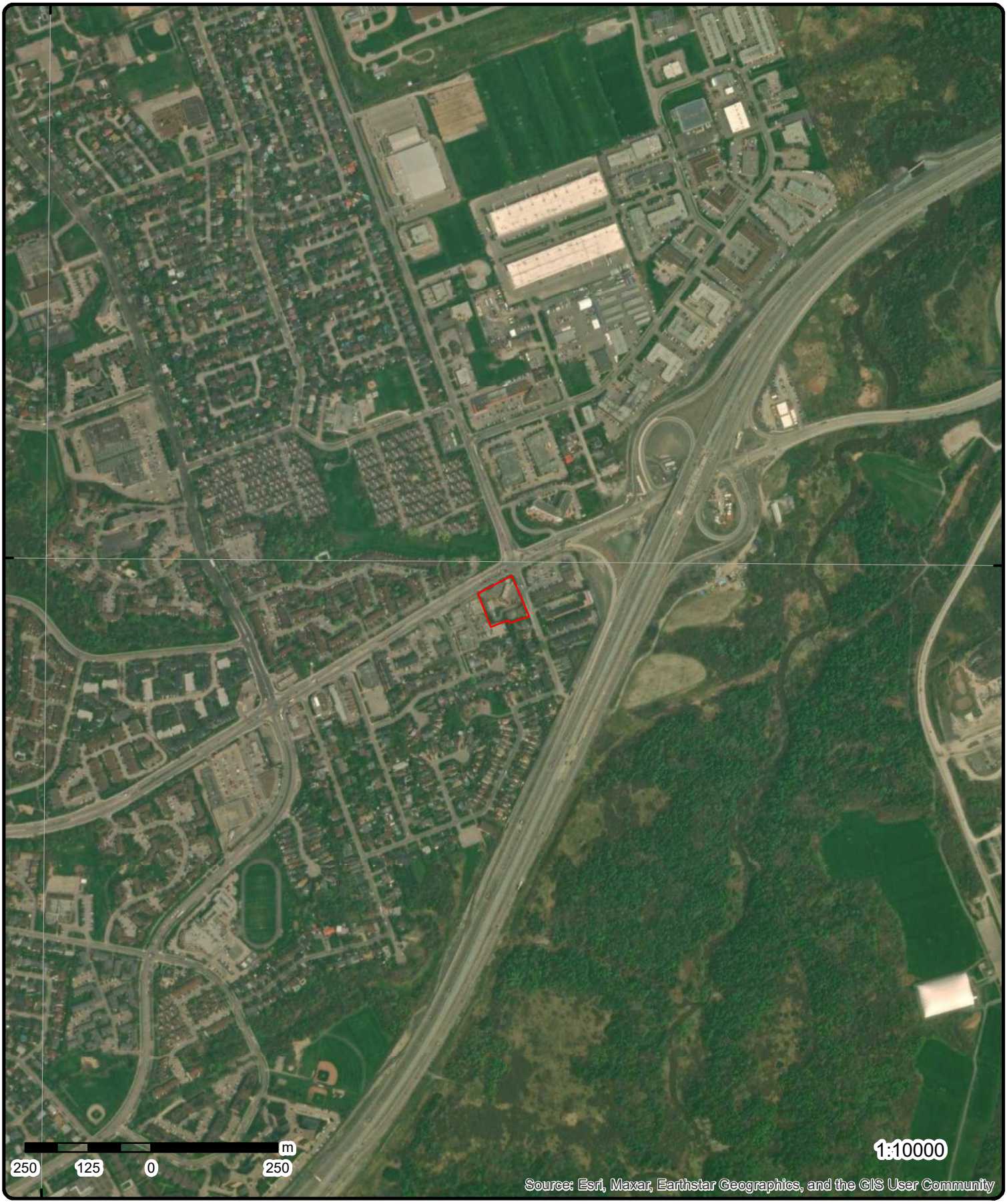
Order Number: 23121400793

Address: CO951.00, Gloucester, ON

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership



Aerial

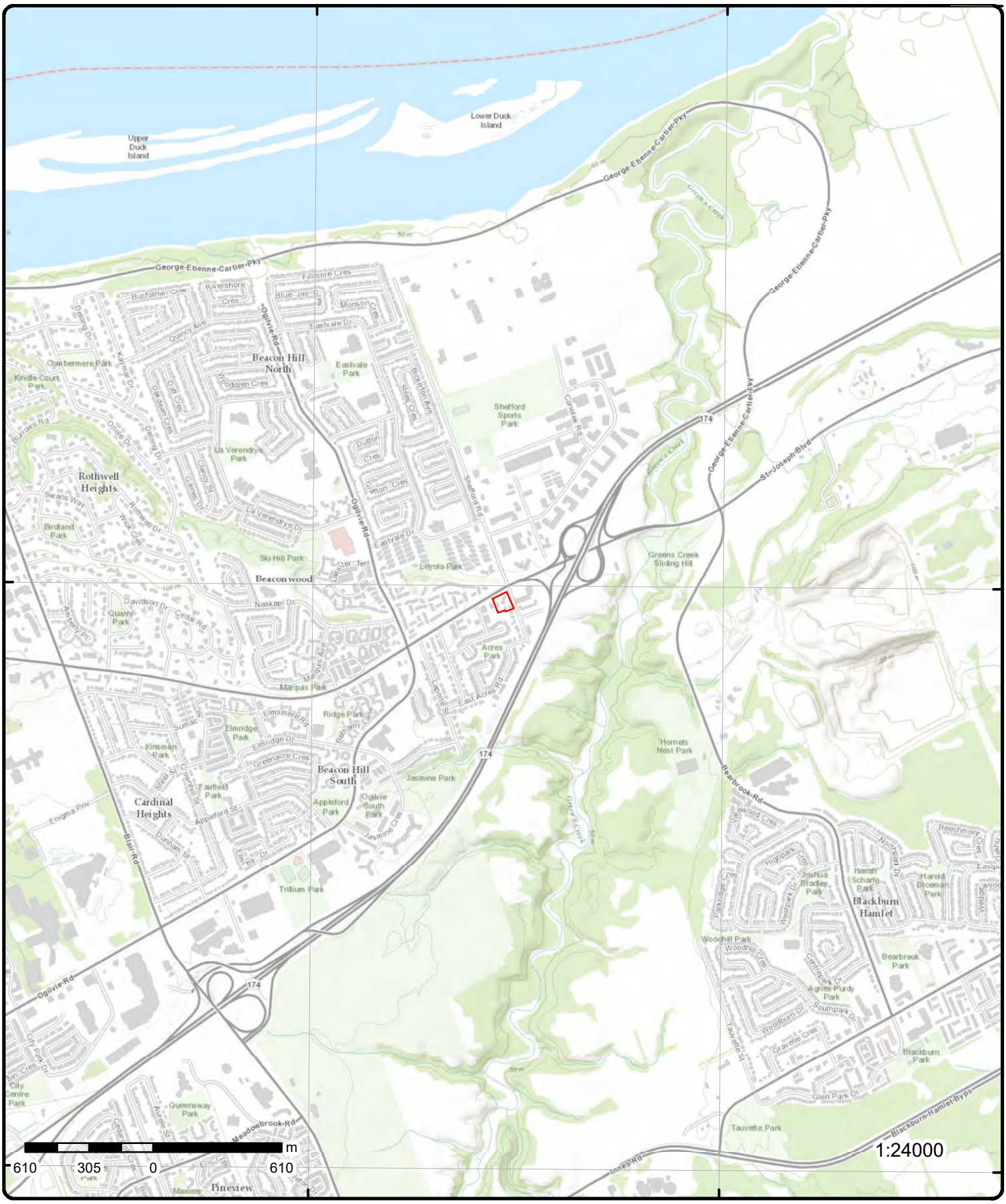
Year: 2023

Order Number: 23121400793

Address: CO951.00, Gloucester, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: CO951.00, ON

Source: ESRI World Topographic Map

Order Number: 23121400793

ERIS

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 24	N/0.0	62.6 / -1.41	SUNOCO INC. 2180 MONTREAL ROAD (SWM) GLOUCESTER ON K1J 1G4	CA

Certificate #: 3-0979-98-
Application Year: 98
Issue Date: 8/7/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 24	N/0.0	62.6 / -1.41	SUNOCO INC 2180 MONTREAL RD GLOUCESTER ON K1J 1G4	RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 24	N/0.0	62.6 / -1.41	SUNOCO INC 2180 MONTREAL RD OTTAWA ON K1J 1G4	RST

Headcode: 1186800
Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas
Phone: 6137426534
List Name:
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 24	N/0.0	62.6 / -1.41	1135013 ONTARIO INC 2180 MONTREAL RD GLOUCESTER ON K1J 1G4	FSTH

License Issue Date: 8/1/2002
Tank Status: Pending Renewal
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Split Serve

--Details--
Status: Active

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

Year of Installation: 1998
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 1998
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 1998
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

1	***5 of 24***	***N/0.0***	***62.6 / -1.41***	***1135013 ONTARIO INC*** ***2180 MONTREAL RD*** ***GLOUCESTER ON K1J 1G4***	***FSTH***

License Issue Date: 2/22/2008 1:23:00 PM
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Diesel

Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Diesel

1	***6 of 24***	***N/0.0***	***62.6 / -1.41***	***Suncor Energy Products Inc.*** ***2180 Montreal Road*** ***Ottawa ON K1J1G4***	***GEN***

Generator No: ON8582015
SIC Code: 447110
SIC Description: Gasoline Stations with Convenience Stores
Approval Years: 07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221

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

Waste Class Name: LIGHT FUELS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

1	7 of 24	N/0.0	62.6 / -1.41	1135013 ONTARIO INC 2180 MONTREAL RD GLOUCESTER ON K1J 1G4	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 10225936
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

Expired Date: 8/29/2001
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

1	8 of 24	N/0.0	62.6 / -1.41	Suncor Energy Products Inc. 2180 Montreal Road Ottawa ON	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: Gasoline Stations with Convenience Stores
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: Gasoline Stations with Convenience Stores
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: Gasoline Stations with Convenience Stores
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

---

1 | 11 of 24 | N/0.0 | 62.6 / -1.41 | SUNCOR ENERGY PRODUCTS PARTNERSHIP
2180 MONTREAL RD GLOUCESTER K1J 1G4 ON
CA
ON | FST

Instance No: 51485722
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Double Wall UST
Install Date: 5/20/2009
Install Year: 2007
Years in Service:
Model: NULL
Description:
Capacity: 25000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location:
Device Installed Location: 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

---

1 | 12 of 24 | N/0.0 | 62.6 / -1.41 | SUNCOR ENERGY PRODUCTS PARTNERSHIP
2180 MONTREAL RD GLOUCESTER K1J 1G4 ON
CA
ON | FST

Instance No: 51485660
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Double Wall UST
Install Date: 5/20/2009
Install Year: 2007
Years in Service:
Model: NULL
Description:
Capacity: 25000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location:
Device Installed Location: 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA

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

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	13 of 24	N/0.0	62.6 / -1.41	SUNCOR ENERGY PRODUCTS PARTNERSHIP 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	FST

Instance No: 11547843
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Double Wall UST
Install Date: 5/20/2009
Install Year: 1998
Years in Service:
Model: NULL
Description:
Capacity: 50000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location:
Device Installed Location: 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	14 of 24	N/0.0	62.6 / -1.41	SUNCOR ENERGY PRODUCTS PARTNERSHIP 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON	FST

Instance No: 11547887
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Double Wall UST
Install Date: 5/20/2009
Install Year: 1998
Years in Service:
Model: NULL
Description:
Capacity: 50000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

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

Facility Location:
Device Installed Location: 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

1	***15 of 24***	***N/0.0***	***62.6 / -1.41***	***SUNCOR ENERGY PRODUCTS PARTNERSHIP 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA ON***	***FST***

Instance No: 11547868
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Double Wall UST
Install Date: 5/20/2009
Install Year: 1998
Years in Service:
Model: NULL
Description:
Capacity: 50000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location:
Device Installed Location: 2180 MONTREAL RD GLOUCESTER K1J 1G4 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

1	***16 of 24***	***N/0.0***	***62.6 / -1.41***	***Suncor Energy Products Inc. 2180 Montreal Road Ottawa ON K1J1G4***	***GEN***

Generator No: ON8582015
SIC Code: 447110
SIC Description: Gasoline Stations with Convenience Stores
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221

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

Waste Class Name: LIGHT FUELS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	17 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	18 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON K1J1G4**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: 447110
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Anita Langley
Choice of Contact: CO_ADMIN
Phone No Admin: 9057940168 Ext.23
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 251

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		OIL SKIMMINGS & SLUDGES			

1	19 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON K1J1G4**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: 447110
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Anita Langley
Choice of Contact: CO_ADMIN
Phone No Admin: 9057940168 Ext.23
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

1	20 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON K1J1G4**	GEN

Generator No: ON8582015
SIC Code: 447110
SIC Description: 447110
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Anita Langley
Choice of Contact: CO_ADMIN
Phone No Admin: 9057940168 Ext.23
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 221
Waste Class Name: LIGHT FUELS

1	21 of 24	N/0.0	62.6 / -1.41	**Suncor Energy Products Inc.** **2180 Montreal Road** **Ottawa ON K1J1G4**	GEN

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

Generator No: ON8582015
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	22 of 24	N/0.0	62.6 / -1.41	Suncor Energy Products Inc. 2180 Montreal Road Ottawa ON K1J1G4	GEN

Generator No: ON8582015
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	23 of 24	N/0.0	62.6 / -1.41	2180 MONTREAL RD OTTAWA ON K1J 1G4	DTNK

Delisted Fuel Storage Tank

Instance No: 51465127
Status: Active
Instance Type:
Creation Date:
Overfill Prot Type:
Facility Location:

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

Fuel Type:		**Piping SW Steel:**	0
Cont Name:		**Piping SW Galvan:**	0
Capacity:		**Tanks SW Steel:**	0
Tank Material:		**Piping Underground:**	3
Corrosion Prot:		**No Underground:**	5
Tank Type:		**Max Hazard Rank:**	
Install Year:		**Max Hazard Rank 1:**	
Facility Type:		**Nxt Period Start Dt:**	
Device Installed Loc:		**Program Area 1:**	
Fuel Type 2:		**Program Area 2:**	
Fuel Type 3:		**Nxt Period Strt Dt 2:**	
Item:	FS GASOLINE STATION - SELF SERVE	**Risk Based Periodic:**	
Item Description:		**Vol of Directives:**	
Model:		**Years in Service:**	
Description:		**Created Date:**	
Instance Creation Dt:		**Federal Device:**	
Instance Install Dt:		**Periodic Exempt:**	
Manufacturer:		**Statutory Interval:**	
Serial No:		**Rcomnd Insp Interval:**	
ULC Standard:		**Recommended Toler:**	
Quantity:		**Panam Venue Name:**	
Unit of Measure:		**External Identifier:**	
Parent Fac Type:			
TSSA Base Sched Cycle 1:			
TSSA Base Sched Cycle 2:			
Original Source:	FST		
Record Date:	31-MAY-2021		

1	***24 of 24***	***N/0.0***	***62.6 / -1.41***	***2640754 Ontario Inc.*** ***2180 Montreal Rd*** ***Ottawa ON K1J 1G4***	***GEN***

Generator No:	ON4684198
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2022
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	146 T
Waste Class Name:	OTHER SPECIFIED INORGANICS

2	***1 of 1***	***SE/0.0***	***63.2 / -0.86***	***ON***	***BORE***

Borehole ID:	615252	**Inclin FLG:**	No
OGF ID:	215516194	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUN-1952	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.449076
Total Depth m:	52.4	**Longitude DD:**	-75.58812

Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	454011
Drill Method:		**Northing:**	5033007
Orig Ground Elev m:	66.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400938	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Soil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOIL.		

Geology Stratum ID:	218400941	**Mat Consistency:**	Soft
Top Depth:	50.6	**Material Moisture:**	
Bottom Depth:	52.4	**Material Texture:**	
Material Color:	Grey	**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. 00172STIFF, FISSURED. CLAY. GREY,SOFT,FISSURED. CLAY. GREY,SOFT,STIFF,FISSURED.		

Geology Stratum ID:	218400939	**Mat Consistency:**	
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	49.7	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218400940	**Mat Consistency:**	
Top Depth:	49.7	**Material Moisture:**	
Bottom Depth:	50.6	**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. BLACK.		

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: 07760 NTS_Sheet:
Confiden 1:

Source List

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

---

3 | **1 of 1** | **SE/0.0** | **63.2 / -0.86** | **lot 16 con 1 ON** | **WWIS**

Well ID: 1500755
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/28/1952
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 016
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500755.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/14/1952
Year Completed: 1952
Depth (m): 52.4256
Latitude: 45.4490739584687
Longitude: -75.5881196678966
Path: 150\1500755.pdf

Bore Hole Information

Bore Hole ID: 10022798
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/14/1952
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:

Elevation:
Elevrc:
Zone: 18
East83: 454010.70
North83: 5033007.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

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

Overburden and Bedrock Materials Interval

Formation ID: 930990137
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 163.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990136
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990139
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 166.0
Formation End Depth: 172.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990138
Layer: 3
Color: 8

General Color:	BLACK
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	163.0
Formation End Depth:	166.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500755
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571368
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038492
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	166.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038493
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	172.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500755
Pump Set At:	
Static Level:	50.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453295
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	172.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022798	**Tag No:**	
Depth M:	52.4256	**Contractor:**	1107
Year Completed:	1952	**Latitude:**	45.4490739584687
Well Completed Dt:	06/14/1952	**Longitude:**	-75.5881196678966
Audit No:		**Y:**	45.44907395083891
Path:	150\1500755.pdf	**X:**	-75.58811950565332

4 ***1 of 1*** ***WNW/7.4*** ***64.6 / 0.59*** ***SUNOCO INC 2180 MONTREAL RD GLOUCESTER ON K1J1G4*** ***RST***

Headcode:	01186800
Headcode Desc:	SERVICE STATIONS GASOLINE OIL & NATURAL GAS
Phone:	6137426534
List Name:	INFO-DIRECT(TM) BUSINESS FILE
Description:	

5 ***1 of 1*** ***SE/13.6*** ***63.8 / -0.23*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1500757	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Commerical	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10/28/1954
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1107
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500757.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/27/1954
Year Completed:	1954
Depth (m):	56.9976
Latitude:	45.4488499273835
Longitude:	-75.587925517515
Path:	150\1500757.pdf

Bore Hole Information

Bore Hole ID:	10022800	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	454025.70
Code OB Desc:		***North83:***	5032982.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/27/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930990142
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990143
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	180.0
Formation End Depth:	187.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500757
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571370
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038495
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	187.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500757
Pump Set At:	
Static Level:	65.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	
Pumping Rate:	7.0
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
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453297
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022800	***Tag No:***	
Depth M:	56.9976	***Contractor:***	1107

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

Year Completed:	1954	**Latitude:**	45.4488499273835
Well Completed Dt:	06/27/1954	**Longitude:**	-75.587925517515
Audit No:		**Y:**	45.448849920153556
Path:	150\1500757.pdf	**X:**	-75.58792535554933

---

6 *1 of 3* *NNE/18.5* *60.9 / -3.12* **CA**

B. MARCIL - SHEFFORD ROAD/PLACE VOYAGEUR
EASEMENT SHEFFORD/MONTREAL RD.
GLOUCESTER CITY ON

Certificate #:	3-1249-91-
Application Year:	91
Issue Date:	8/14/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

6 *2 of 3* *NNE/18.5* *60.9 / -3.12* **CA**

B. MARCIL - SHEFFORD RD.-PLACE VOYAGEUR
EASEMENT SHEFFORD RD/MONTREAL
GLOUCESTER CITY ON

Certificate #:	7-0996-91-
Application Year:	91
Issue Date:	8/14/1991
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

6 *3 of 3* *NNE/18.5* *60.9 / -3.12* **SPL**

Kiewit Eurovia Vinci
closest intersection Montreal Road & Shefford Rd
Ottawa ON

Ref No:	5058-BHQR5R	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	11/7/2019	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/8/2019	**Health/Env Conseq:**	2 - Minor Environment
Dt Document Closed:		**Agency Involved:**	
Site No:	NA		
Facility Name:			
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	site<UNOFFICIAL>		

Site Address:	closest intersection Montreal Road & Shefford Rd
Site Region:	Eastern
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5033251
Easting:	454421
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	2 L
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Call Report Locatn Geodata:	
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	
Receiving Environment:	Land
Incident Reason:	Equipment Failure
Incident Summary:	Kiewit LRT Project. 2 L hydraulic oil to land, cntd & clnd
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	Land Spills
Source Type:	Truck - Transport/Hauling

---

7 | **1 of 1** | **WSW/35.3** | **66.9 / 2.86** | **2170 Montreal Road Ottawa ON** | **SPL**

Ref No:	1500-ABNRQJ	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2016/07/08	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2016/07/08	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	

Site No:	NA
Facility Name:	
MOE Response:	No
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	McDonalds<UNOFFICIAL>
Site Address:	2170 Montreal Road
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5033016
Easting:	453932
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	
Nature of Impact:	

Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Receiving Environment:	Land
Incident Reason:	Equipment Failure
Incident Summary:	Martin Brower: Spill of hydraulic oil, 2 cb impacted
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	Land Spills
Source Type:	

8 **1 of 1** **NNW/54.4** **60.6 / -3.48** **lot 16 con 1 ON** **WWIS**

Well ID:	1500754	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	01/15/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1107
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500754.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/24/1950
Year Completed:	1950
Depth (m):	52.7304
Latitude:	45.45006041636
Longitude:	-75.5888332828987
Path:	150\1500754.pdf

Bore Hole Information

Bore Hole ID:	10022797	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453955.70

Code OB Desc:		**North83:**	5033117.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	05/24/1950	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930990135
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	173.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500754
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571367
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038491
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	173.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Links

Bore Hole ID:	10022797	**Tag No:**	
Depth M:	52.7304	**Contractor:**	1107
Year Completed:	1950	**Latitude:**	45.45006041636

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

Well Completed Dt:	05/24/1950	**Longitude:**	-75.5888332828987
Audit No:		**Y:**	45.45006040895123
Path:	150\1500754.pdf	**X:**	-75.58883312070643

9 **1 of 1** **ENE/61.2** **60.9 / -3.12** **lot 15 con 1 ON** **WWIS**

Well ID:	1500744	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/21/1952
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3725
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500744.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/11/1952
Year Completed:	1952
Depth (m):	57.6072
Latitude:	45.449797965734
Longitude:	-75.5873598911453
Path:	150\1500744.pdf

Bore Hole Information

Bore Hole ID:	10022787	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454070.70
Code OB Desc:		**North83:**	5033087.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/11/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 930990095

Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 137.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990096
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 137.0
Formation End Depth: 142.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990097
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 142.0
Formation End Depth: 189.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500744
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571357
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930038472
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	189.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038471
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	142.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038470
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	136.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500744
Pump Set At:	
Static Level:	42.0
Final Level After Pumping:	66.0
Recommended Pump Depth:	
Pumping Rate:	125.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933453283
Layer:	1
Kind Code:	4
Kind:	MINERIAL

Water Found Depth:	173.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022787	**Tag No:**	
Depth M:	57.6072	**Contractor:**	3725
Year Completed:	1952	**Latitude:**	45.449797965734
Well Completed Dt:	11/11/1952	**Longitude:**	-75.5873598911453
Audit No:		**Y:**	45.44979795894383
Path:	150\1500744.pdf	**X:**	-75.58735972874315

10 ***1 of 1*** ***ESE/63.1*** ***62.9 / -1.15*** ***ON*** ***BORE***

Borehole ID:	615247	**Inclin FLG:**	No
OGF ID:	215516189	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1957	**Municipality:**	
Static Water Level:	-24.0	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.448631
Total Depth m:	60	**Longitude DD:**	-75.587156
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	454086
Drill Method:		**Northing:**	5032957
Orig Ground Elev m:	65.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	67.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400916	**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:	218400918	**Mat Consistency:**	
Top Depth:	47.2	**Material Moisture:**	
Bottom Depth:	56.1	**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. BLACK.		

Geology Stratum ID:	218400919	**Mat Consistency:**	Compact
Top Depth:	56.1	**Material Moisture:**	
Bottom Depth:	60	**Material Texture:**	

Material Color:	Grey	**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. GREY. 00197 295.8 FEET.GRAVEL. COMPACT. ROCK. WATER STABLE AT 266.4 FEET.BEDR **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218400917	**Mat Consistency:**	
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	47.2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY.		

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: 07755 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		

---

11 | ***1 of 1*** | ***ESE/63.3*** | ***62.9 / -1.15*** | ***lot 15 con 1 ON*** | ***WWIS***

Well ID:	1500746	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/05/1957
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1107
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500746.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/26/1957
Year Completed: 1957
Depth (m): 60.0456
Latitude: 45.4486288553869
Longitude: -75.5871559353384
Path: 150\1500746.pdf

Bore Hole Information

Bore Hole ID: 10022789
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/26/1957
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 18
East83: 454085.70
North83: 5032957.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 930990103
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990105
Layer: 3
Color: 8
General Color: BLACK
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 155.0

Formation End Depth:	184.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990104
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	155.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990106
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	184.0
Formation End Depth:	197.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500746
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571359
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038475
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	184.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038476
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 197.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991500746
Pump Set At:
Static Level: 60.0
Final Level After Pumping: 60.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933453285
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 197.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022789
Depth M: 60.0456
Year Completed: 1957
Well Completed Dt: 08/26/1957
Audit No:
Path: 150\1500746.pdf

Tag No:
Contractor: 1107
Latitude: 45.4486288553869
Longitude: -75.5871559353384
Y: 45.44862884802762
X: -75.58715577271279

---

12 ***1 of 1*** ***ESE/65.1*** ***62.9 / -1.15***

Brilia Private Co-Tenancy
102 Brilia Private
Gloucester ON K1J 0B7

GEN

Generator No: ON3660682
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

---

13 | **1 of 1** | **NE/67.6** | **59.9 / -4.17** | **lot 15 con 1 ON** | **WWIS**

Well ID: 7199277
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: C20622
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 03/25/2013
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1844
Form Version: 8
Owner:
County: OTTAWA-CARLETON
Lot: 015
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 11/30/2012
Year Completed: 2012
Depth (m):
Latitude: 45.4500675473602
Longitude: -75.5874483716823
Path:

Bore Hole Information

Bore Hole ID: 1004267610
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/30/2012
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation:
Elevrc:
Zone: 18
East83: 454064.00
North83: 5033117.00
Org CS: MTM09
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Links

Bore Hole ID:	1004267610	***Tag No:***	
Depth M:		***Contractor:***	1844
Year Completed:	2012	***Latitude:***	45.4500675473602
Well Completed Dt:	11/30/2012	***Longitude:***	-75.5874483716823
Audit No:	C20622	***Y:***	45.45006754018514
Path:		***X:***	-75.58744821005146

---

14 ***1 of 1*** ***ESE/68.1*** ***63.9 / -0.17*** ***PRIVATE RESIDENCE 985 SHEFFERD RD. FURNACE OIL TANK GLOUCESTER CITY ON*** ***SPL***

Ref No:	49830	***Municipality No:***	20105
Year:		***Nature of Damage:***	
Incident Dt:	4/26/1991	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/29/1991	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: GLOUCESTER CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: UNKNOWN
Incident Summary: FURNACE TO SOIL AT VACANT HOUSE.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	ESE/68.4	62.8 / -1.25	BRILIA PRIVET lot 15 con 1 Ottawa ON	WWIS

Well ID: 7187530
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z139812
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 09/20/2012
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 1558
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot: 015
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187530.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/02/2012
Year Completed: 2012
Depth (m):
Latitude: 45.4485930693233
Longitude: -75.5871133633682
Path: 718\7187530.pdf

Bore Hole Information

Bore Hole ID: 1004159262
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/02/2012
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 454089.00
North83: 5032953.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1004417814
Layer: 1
Plug From: 16.149999618530273

Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004417813
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004417807
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004417811
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004417812
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1004417810
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004417809
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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

Links

Bore Hole ID:	1004159262	***Tag No:***	
Depth M:		***Contractor:***	1558
Year Completed:	2012	***Latitude:***	45.4485930693233
Well Completed Dt:	08/02/2012	***Longitude:***	-75.5871133633682
Audit No:	Z139812	***Y:***	45.4485930620839
Path:	718\7187530.pdf	***X:***	-75.58711320067033

---

16 ***1 of 3*** ***ESE/78.6*** ***62.8 / -1.25*** ***Brilia Private Co-Tenancy***
102 Brilia Private
Gloucester ON K1J 0B7 ***GEN***

Generator No:	ON3660682
SIC Code:	
SIC Description:	
Approval Years:	As of Dec 2018
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

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

---

16 ***2 of 3*** ***ESE/78.6*** ***62.8 / -1.25*** ***Brilia Private Co-Tenancy***
102 Brilia Private
Gloucester ON K1J 0B7 ***GEN***

Generator No:	ON3660682
SIC Code:	
SIC Description:	
Approval Years:	As of Jul 2020
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

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

---

16 ***3 of 3*** ***ESE/78.6*** ***62.8 / -1.25*** ***Brilia Private Co-Tenancy***
102 Brilia Private
Gloucester ON K1J 0B7 ***GEN***

Generator No:	ON3660682
SIC Code:	
SIC Description:	
Approval Years:	As of Nov 2021
PO Box No:	

Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

---

17 **1 of 3** **ENE/78.7** **60.9 / -3.12** **MAXI BRITE CLEANERS**
2200 MONTREAL ROAD, UNIT C-2
GLOUCESTER ON K1J 6M5
GEN

Generator No: ON2180200
SIC Code: 2499
SIC Description: OTHER CLOTHING ETC.
Approval Years: 96,97,98,99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

---

17 **2 of 3** **ENE/78.7** **60.9 / -3.12** **City of Ottawa**
2200 Montreal Road, Eastbound
Ottawa ON
SPL

Ref No: 0520-84SFCW
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/23/2010
Dt Document Closed: 4/30/2010
Site No:
Facility Name:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: City of Ottawa Rd and Storm Sewer<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

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

Incident Event:
Environment Impact: Not Anticipated
Nature of Impact:
Contaminant Qty: 5 L
System Facility Address:
Client Name: City of Ottawa
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason:
Incident Summary: OC Transpo: bus leaked 5 L coolant to CB of storm sewer
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Land Spills
Source Type:

17	3 of 3	ENE/78.7	60.9 / -3.12	2200 Montreal Rd Ottawa ON K1J6M5	EHS

Order No: 20170921117
Status: C
Report Type: Standard Report
Report Date: 28-SEP-17
Date Received: 21-SEP-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.587094
Y: 45.449693

18	1 of 3	W/89.9	69.7 / 5.64	FAMLIT COMPANY LIMITED SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	CA

Certificate #: 3-1202-93-
Application Year: 93
Issue Date: 10/22/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

18	2 of 3	W/89.9	69.7 / 5.64	FAMLIT COMPANY LIMITED SINCLAIR ST./MONTREAL RD. GLOUCESTER CITY ON	CA

Certificate #: 7-0925-93-
Application Year: 93

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

Issue Date:	10/22/1993
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

18 | **3 of 3** | **W/89.9** | **69.7 / 5.64** | **DEV-COM INVESTMENTS CORPORATION MONTREAL RD./SINCLAIR ST.(SWM) GLOUCESTER CITY ON** | **CA**

Certificate #:	3-1203-95-006
Application Year:	95
Issue Date:	12/6/95
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

19 | **1 of 1** | **ESE/91.8** | **62.8 / -1.25** | **lot 15 con 1 ON** | **WWIS**

Well ID:	1500751	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05/17/1965
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1503
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500751.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/16/1965
Year Completed:	1965
Depth (m):	44.5008

Latitude: 45.4484048226194
Longitude: -75.5869617903005
Path: 150\1500751.pdf

Bore Hole Information

Bore Hole ID: 10022794
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/16/1965
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 454100.70
North83: 5032932.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930990126
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990127
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 130.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990128
Layer: 3

Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 140.0
Formation End Depth: 146.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500751
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571364
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038487
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 146.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991500751
Pump Set At:
Static Level: 76.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 110.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933453292

Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	146.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022794	**Tag No:**	
Depth M:	44.5008	**Contractor:**	1503
Year Completed:	1965	**Latitude:**	45.4484048226194
Well Completed Dt:	03/16/1965	**Longitude:**	-75.5869617903005
Audit No:		**Y:**	45.4484048162046
Path:	150\1500751.pdf	**X:**	-75.58696162799869

20 | ***1 of 1*** | ***ENE/100.8*** | ***60.9 / -3.12*** | ***Queensway at St Joseph Boulevard, Ottawa OTTAWA ON*** | ***SPL***

Ref No:	1-1LKHA9	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2/9/2022 10:30:00 AM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2/9/2022 12:29:28 PM	**Health/Env Conseq:**	0 No Impact
Dt Document Closed:	4/7/2022 5:10:35 PM	**Agency Involved:**	

Site No:	
Facility Name:	
MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	Queensway at St Joseph Boulevard, Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	1 Minor Impact
Nature of Impact:	
Contaminant Qty:	8 litre (L)
System Facility Address:	
Client Name:	KIEWIT EUROVIA VINCI OTTAWA PARTERNSHIP
Client Type:	Private Business
Call Report Locatn Geodata:	{"integration_ids":["PR00003827756"],"wkts":["POINT (-75.5868877000 45.4499276000)"],"creation_date":"2022-02-09"}
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Receiving Environment:	
Incident Reason:	Equipment failure/malfunction
Incident Summary:	KEV OLRT hyd oil ~ 8L to gravel, clnd
Activity Preceding Spill:	Construction or repair
Property 2nd Watershed:	Lower Ottawa
Property Tertiary Watershed:	02LA - Rideau
Sector Type:	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION

SAC Action Class:
Source Type: Valve/Fitting/Piping

---

21 | **1 of 1** | **WSW/102.7** | **68.9 / 4.83** | **2150 Montreal Rd Ottawa ON K1J6M7** | **EHS**

Order No:	20160721036	**Nearest Intersection:**	
Status:	C	**Municipality:**	OTTAWA
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	26-JUL-16	**Search Radius (km):**	.25
Date Received:	21-JUL-16	**X:**	-75.589938
Previous Site Name:		**Y:**	45.448529
Lot/Building Size:			
Additional Info Ordered:			

---

22 | **1 of 1** | **NNW/104.1** | **59.2 / -4.87** | **CANOTEK ROAD & SHEFFORD RD Ottawa ON** | **WWIS**

Well ID:	7230098	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/24/2014
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z180575	**Contractor:**	1844
Tag:	A157040	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	02/07/2014
Year Completed:	2014
Depth (m):	10
Latitude:	45.4505370796986
Longitude:	-75.5889111375372
Path:	

Bore Hole Information

Bore Hole ID:	1005178460	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453950.00
Code OB Desc:		**North83:**	5033170.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	02/07/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1005361826
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.5
Formation End Depth: 10.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005361824
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.10000000149011612
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005361825
Layer: 2
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 06
Mat3 Desc: SILT
Formation Top Depth: 0.10000000149011612
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005361834
Layer: 2
Plug From: 6.099999904632568
Plug To: 6.400000095367432
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005361833
Layer: 1
Plug From: 0.0
Plug To: 0.6000000238418579
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005361832
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HSA

Pipe Information

Pipe ID: 1005361823
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005361829
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 6.800000190734863
Casing Diameter: 5.079999923706055
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005361830
Layer: 1
Slot: 10
Screen Top Depth: 6.800000190734863
Screen End Depth: 10.0
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.860000133514404

Water Details

Water ID: 1005361828
Layer:
Kind Code:
Kind:
Water Found Depth:

Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005361827
Diameter: 20.299999237060547
Depth From: 0.0
Depth To: 10.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1005178460
Depth M: 10
Year Completed: 2014
Well Completed Dt: 02/07/2014
Audit No: Z180575
Path: 723\7230098.pdf
Tag No: A157040
Contractor: 1844
Latitude: 45.4505370796986
Longitude: -75.5889111375372
Y: 45.450537072966036
X: -75.58891097582925

---

23 | ***1 of 1*** | ***NNW/118.5*** | ***58.2 / -5.81*** | ***SHEFFORD ROAD lot 16 con 1 Ottawa ON*** | ***WWIS***

Well ID: 7235408
Construction Date:
Use 1st: Monitoring
Use 2nd: Not Used
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z190190
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 01/14/2015
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 4875
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot: 016
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7235408.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/25/2014
Year Completed: 2014
Depth (m):
Latitude: 45.4507176218608
Longitude: -75.588810707987
Path: 723\7235408.pdf

Bore Hole Information

Bore Hole ID: 1005280474
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Elevation:
Elevrc:
Zone: 18
East83: 453958.00
North83: 5033190.00

Open Hole:
Cluster Kind:
Date Completed: 09/25/2014
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1005481138
Layer: 1
Plug From: 0.6000000238418579
Plug To: 9.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005481139
Layer: 1
Plug From: 0.6000000238418579
Plug To: 9.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005481140
Layer: 2
Plug From: 0.0
Plug To: 0.6000000238418579
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005481137
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005481128
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005481133
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: -0.6000000238418579

Depth To: 9.0
Casing Diameter: 50.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005481134
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1005481129
Pump Set At:
Static Level: 0.9800000190734863
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1005481132
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005481131
Diameter: 50.0
Depth From: 0.6000000238418579
Depth To: 9.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1005280474
Depth M:
Year Completed: 2014
Well Completed Dt: 09/25/2014
Audit No: Z190190
Tag No:
Contractor: 4875
Latitude: 45.4507176218608
Longitude: -75.588810707987
Y: 45.45071761523087

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

Path: 723\7235408.pdf **X:** -75.58881054599516

---

24 **1 of 1** **NNE/132.0** **58.8 / -5.20** **Derfco Inc.** **No Municipal Address, OTTAWA ON** **RSC**

RSC ID: 45672
RA No:
RSC Type:
Curr Property Use: Agriculture/Other
Ministry District: OTTAWA
Filing Date: 8-Oct-08
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 21-Apr-08
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: Mr. Norm Sirotek
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 11 to 20 meters
Telephone: 613-7377100
Fax: 613-7371022
Email:

Asmt Roll No: 0606000 - 10023702
Prop ID No (PIN): 04391-0922 (LT); 04391-0923 (LT)
Property Municipal Address: No Municipal Address,
Mailing Address: Suite 200, 1645 RUSSELL RD, OTTAWA, ON, K1G 4G5
Latitude & Latitude: 45.45083330N 75.58750000W
UTM Coordinates: NAD83 18-454061-5033202 (converted from Latitude & Longitude)
Consultant:
Legal Desc: Part of Lot 15, Concession 10F, Part 3, Plan 4R8136; S/T N567892, Gloucester; Part of Lot 15, Concession 10F, Part 1, Plan 4R9793; Gloucester.
Measurement Method: Digitized from a satellite image
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:

---

25 **1 of 1** **N/146.1** **57.2 / -6.86** **Kiewit Eurovia Vinci** **Ottawa ON** **SPL**

Ref No: 7272-BMSMQA
Year:
Incident Dt: 2020/03/16
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/03/17
Dt Document Closed: 2020/05/13
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Project Site<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5033222
Easting: 453965
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

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

Contaminant Qty: 1 L
System Facility Address:
Client Name: Kiewit Eurovia Vinci
Client Type: Corporation
Call Report Locatn Geodata:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1202
Receiving Medium:
Receiving Environment: Land
Incident Reason: Equipment Failure
Incident Summary: Kiewit Eurovia Vinci: 1 L of diesel fuel to ground, cleaned
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: Land Spills
Source Type: Pipeline/Components

---

26 | **1 of 1** | **SE/152.3** | **62.8 / -1.25** | **GLOUCESTER CITY SHEFFORD RD./EAST ACRES RD. GLOUCESTER CITY ON** | **CA**

Certificate #: 3-0826-94-
Application Year: 94
Issue Date: 7/15/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

27 | **1 of 3** | **NE/152.4** | **58.9 / -5.17** | **2201 Montréal Road Gloucester ON K1J 9N5** | **EHS**

Order No: 21101900025
Status: C
Report Type: Custom Report
Report Date: 22-OCT-21
Date Received: 19-OCT-21
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .2
X: -75.5870229
Y: 45.4508497

---

27 | **2 of 3** | **NE/152.4** | **58.9 / -5.17** | **2201 Montréal Road Gloucester ON K1J 9N5** | **EHS**

Order No: 21101900025
Status: C
Report Type: Custom Report
Report Date: 22-OCT-21
Date Received: 19-OCT-21
Previous Site Name:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .2
X: -75.5870229
Y: 45.4508497

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

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

---

27 | **3 of 3** | **NE/152.4** | **58.9 / -5.17** | **2201 Montréal Road Gloucester ON K1J 9N5** | **EHS**

Order No:	21101900025	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	22-OCT-21	**Search Radius (km):**	.2
Date Received:	19-OCT-21	**X:**	-75.5870229
Previous Site Name:		**Y:**	45.4508497

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

---

28 | **1 of 1** | **SSE/167.0** | **63.9 / -0.17** | **lot 16 con 1 ON** | **WWIS**

Well ID:	1500756	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10/28/1954
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1107
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500756.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/03/1954
Year Completed:	1954
Depth (m):	59.436
Latitude:	45.4475481086768
Longitude:	-75.5872726008259
Path:	150\1500756.pdf

Bore Hole Information

Bore Hole ID:	10022799	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454075.70
Code OB Desc:		**North83:**	5032837.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	07/03/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930990140
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 190.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990141
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 190.0
Formation End Depth: 195.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500756
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571369
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038494
Layer: 1
Material: 1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	195.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500756
Pump Set At:	
Static Level:	65.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	
Pumping Rate:	7.0
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
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453296
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022799	**Tag No:**	
Depth M:	59.436	**Contractor:**	1107
Year Completed:	1954	**Latitude:**	45.4475481086768
Well Completed Dt:	07/03/1954	**Longitude:**	-75.5872726008259
Audit No:		**Y:**	45.44754810181977
Path:	150\1500756.pdf	**X:**	-75.5872724387682

29 ***1 of 2*** ***NE/174.1*** ***58.9 / -5.17*** ***Beacon Hill Facility Inc.***
2201 Montreal Rd
Ottawa ON ***CA***

Certificate #:	8854-7UGH6Q
Application Year:	2009
Issue Date:	8/11/2009
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	2 of 2	NE/174.1	58.9 / -5.17	Beacon Hill Facility Inc. 2201 Montreal Rd Ottawa ON M4W 3R8	ECA

Approval No: 8854-7UGH6Q
Approval Date: 2009-08-11
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
Business Name: Beacon Hill Facility Inc.
Address: 2201 Montreal Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0219-7THP5E-14.pdf
PDF Site Location:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	NE/184.3	58.9 / -5.17	lot 15 con 1 ON	WWIS

Well ID: 1500745
Construction Date:
Use 1st: Commerical
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03/01/1954
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4825
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 015
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500745.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/25/1953
Year Completed: 1953
Depth (m): 41.4528
Latitude: 45.4511503775131
Longitude: -75.5869263259385
Path: 150\1500745.pdf

Bore Hole Information

Bore Hole ID: 10022788
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation:
Elevrc:
Zone: 18
East83: 454105.70
North83: 5033237.00

Open Hole:
Org CS:
Cluster Kind:
UTMRC: 9
Date Completed: 06/25/1953
UTMRC Desc: unknown UTM
Remarks:
Location Method: p9
Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930990100
Layer: 3
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 101.0
Formation End Depth: 107.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990102
Layer: 5
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 115.0
Formation End Depth: 136.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990098
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930990099
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	101.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990101
Layer:	4
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	107.0
Formation End Depth:	115.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500745
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571358
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038474
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	136.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038473
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	128.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500745
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	21.0
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933453284
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	128.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022788	***Tag No:***	
Depth M:	41.4528	***Contractor:***	4825
Year Completed:	1953	***Latitude:***	45.4511503775131
Well Completed Dt:	06/25/1953	***Longitude:***	-75.5869263259385
Audit No:		***Y:***	45.4511503712737
Path:	150\1500745.pdf	***X:***	-75.58692616408713

31	***1 of 1***	***NE/184.5***	***58.9 / -5.17***	***ON***	***BORE***

Borehole ID:	615268	***Inclin FLG:***	No
OGF ID:	215516210	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1953	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.451152

Total Depth m:	41.5	***Longitude DD:***	-75.586926
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	454106
Drill Method:		***Northing:***	5033237
Orig Ground Elev m:	56.7	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	60.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400975	***Mat Consistency:***	
Top Depth:	30.8	***Material Moisture:***	
Bottom Depth:	32.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Boulders	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BOULDERS.		

Geology Stratum ID:	218400976	***Mat Consistency:***	Hard
Top Depth:	32.6	***Material Moisture:***	
Bottom Depth:	35.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:		***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	HARDPAN.		

Geology Stratum ID:	218400977	***Mat Consistency:***	Soft
Top Depth:	35.1	***Material Moisture:***	
Bottom Depth:	41.5	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL. 00128IFIED. ED. CLAY. GREY,SOFT,FISSURED. CLAY. GREY,SOFT,STIFF,FISSURED. CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218400973	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	30.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218400974	***Mat Consistency:***	
Top Depth:	30.5	***Material Moisture:***	
Bottom Depth:	30.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: GRAVEL.

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: 07776 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

---

32 ***1 of 1*** ***NE/190.6*** ***58.9 / -5.17*** ***lot 15 con 1 ON*** ***WWIS***

Well ID:	1500743	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/26/1951
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3338
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	015
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: GLOUCESTER TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500743.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/15/1951
Year Completed:	1951
Depth (m):	28.6512
Latitude:	45.4509726616743
Longitude:	-75.5864768809062
Path:	150\1500743.pdf

Bore Hole Information

Bore Hole ID:	10022786	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454140.70
Code OB Desc:		**North83:**	5033217.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/15/1951	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930990094
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 14
Mat2 Desc: HARDPAN
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 94.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990093
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500743
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571356

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038468
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 20.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038469
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 94.0
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991500743
Pump Set At:
Static Level: 20.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933453282
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 94.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022786
Depth M: 28.6512
Year Completed: 1951
Tag No:
Contractor: 3338
Latitude: 45.4509726616743

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

Well Completed Dt:	10/15/1951	**Longitude:**	-75.5864768809062
Audit No:		**Y:**	45.45097265486173
Path:	150\1500743.pdf	**X:**	-75.58647671914838

33 **1 of 1** **WSW/194.7** **70.6 / 6.52** **2124 Montreal Road**
Ottawa ON K1J 6M7 **EHS**

Order No:	20020405001	**Nearest Intersection:**	Shefford Road and Montreal Road
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	4/15/02	**Search Radius (km):**	0.35
Date Received:	4/5/02	**X:**	-75.590985
Previous Site Name:		**Y:**	45.448274
Lot/Building Size:			
Additional Info Ordered:	Title Search		

34 **1 of 2** **WSW/196.1** **70.6 / 6.52** **GOLDEN CARE DENTAL SERVICES**
2128 montreal road
OTTAWA ON K1J6M7 **GEN**

Generator No:	ON3827580
SIC Code:	
SIC Description:	
Approval Years:	As of Nov 2021
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	264 L
Waste Class Name:	Photoprocessing wastes
Waste Class:	312 P
Waste Class Name:	Pathological wastes

34 **2 of 2** **WSW/196.1** **70.6 / 6.52** **GOLDEN CARE DENTAL SERVICES**
2128 montreal road
OTTAWA ON K1J6M7 **GEN**

Generator No:	ON3827580
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2022
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	312 P

Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 264 L
Waste Class Name: PHOTOPROCESSING WASTES

---

35 **1 of 1** **WSW/208.5** **70.6 / 6.52** **ON** **BORE**

Borehole ID: 615244
OGF ID: 215516186
Status:
Type: Borehole
Use:
Completion Date: DEC-1955
Static Water Level: -20.0
Primary Water Use:
Sec. Water Use:
Total Depth m: 30.2
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 70.1
Elev Reliabil Note:
DEM Ground Elev m: 72
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.448385
Longitude DD: -75.59131
UTM Zone: 18
Easting: 453761
Northing: 5032932
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218400909
Top Depth: 0
Bottom Depth: .6
Material Color:
Material 1: Soil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SOIL.

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

Geology Stratum ID: 218400910
Top Depth: .6
Bottom Depth: 30.2
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE. COMPACT. SAND. COMPACT, WATER STABLE AT 295.8 FEET.GRAVEL. COMPACT. ROCK. WAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 07752 NTS_Sheet:

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

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		

36 ***1 of 1*** ***WSW/208.6*** ***70.6 / 6.52*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1500760	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	01/04/1956
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500760.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/03/1955
Year Completed:	1955
Depth (m):	30.1752
Latitude:	45.4483823981322
Longitude:	-75.5913094895737
Path:	150\1500760.pdf

Bore Hole Information

Bore Hole ID:	10022803	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453760.70
Code OB Desc:		***North83:***	5032932.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/03/1955	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930990149
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990150
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	99.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500760
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10571373
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038499
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	99.0
Casing Diameter:	15.0
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991500760
Pump Set At:
Static Level: 8.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933453300
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 99.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022803
Depth M: 30.1752
Year Completed: 1955
Well Completed Dt: 12/03/1955
Audit No:
Path: 150\1500760.pdf

Tag No:
Contractor: 1504
Latitude: 45.4483823981322
Longitude: -75.5913094895737
Y: 45.448382390847044
X: -75.5913093279041

---

37 | **1 of 1** | **E/213.8** | **60.8 / -3.20** | **Kiewit Eurovia Vinci RR 174 - SEE UTM Ottawa ON** | **SPL**

Ref No: 6564-BRBRGF
Year:
Incident Dt: 2020/07/08
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/07/08
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Job Site<UNOFFICIAL>
Site Address: RR 174 - SEE UTM
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	5032957
Easting:	454250
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	80 mL
System Facility Address:	
Client Name:	Kiewit Eurovia Vinci
Client Type:	Corporation
Call Report Locatn Geodata:	
Contaminant Code:	15
Contaminant Name:	ENGINE OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1993
Receiving Medium:	
Receiving Environment:	Land
Incident Reason:	Material Failure - Poor Design/Substandard Material
Incident Summary:	Kiewit Eurovia Vinci: 80 ml engine oil due to o-ring leak, cleaned
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	
Source Type:	Valve/Fitting/Piping

38 ***1 of 1*** ***ENE/214.7*** ***59.9 / -4.17*** ***ON*** ***WWIS***

Well ID:	7375976	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	12/15/2020
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z334184	**Contractor:**	7659
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008549334	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454222.00
Code OB Desc:		**North83:**	5033124.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4

Date Completed:	05/26/2020	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008549334	**Tag No:**	
Depth M:		**Contractor:**	7659
Year Completed:	2020	**Latitude:**	45.4501409259432
Well Completed Dt:	05/26/2020	**Longitude:**	-75.5854285611507
Audit No:	Z334184	**Y:**	45.450140918749135
Path:		**X:**	-75.58542839910488

39 | ***1 of 1*** | ***ENE/215.0*** | ***59.9 / -4.17*** | ***OLRT HIGHWAY 417 AT MONTREAL RD lot 15 con 1 Ottawa ON*** | ***WWIS***

Well ID:	7314298	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	07/09/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z245023	**Contractor:**	1844
Tag:	A167501	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	07/13/2017
Year Completed:	2017
Depth (m):	5.18
Latitude:	45.4501050540469
Longitude:	-75.5854026131892
Path:	

Bore Hole Information

Bore Hole ID:	1007147386	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454224.00
Code OB Desc:		**North83:**	5033120.00

Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07/13/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	gis
Loc Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007406657
Layer:	1
Color:	
General Color:	
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.5199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007406658
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5199999809265137
Formation End Depth:	5.179999828338623
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007406665
Layer:	1
Plug From:	0.10000000149011612
Plug To:	1.8300000429153442
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007406664
Method Construction Code:	F
Method Construction:	H.S.A.
Other Method Construction:	

Pipe Information

Pipe ID:	1007406656
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007406661
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	5.079999923706055
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007406662
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	5.889999866485596

Water Details

Water ID:	1007406660
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007406659
Diameter:	20.299999237060547
Depth From:	0.0
Depth To:	5.179999828338623
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1007147386	***Tag No:***	A167501
Depth M:	5.18	***Contractor:***	1844
Year Completed:	2017	***Latitude:***	45.4501050540469
Well Completed Dt:	07/13/2017	***Longitude:***	-75.5854026131892
Audit No:	Z245023	***Y:***	45.45010504679856
Path:	731\7314298.pdf	***X:***	-75.58540245038127

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	1 of 32	N/220.2	56.9 / -7.17	EXPO ZONE INTERNATIONAL INC. 5300 CANOTEK ROAD, UNIT #38 GLOUCESTER CITY ON K1J 1A4	CA

Certificate #: 8-4072-94-
Application Year: 94
Issue Date: 8/16/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: EXHAUST FAN FOR PAINT SPRAY BOOTH
Contaminants:
Emission Control: Panel Filter

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	2 of 32	N/220.2	56.9 / -7.17	EXPO ZONE INTERNATIONAL INC. 5300 CANOTEK RD UNIT 38 GLOUCESTER ON K1J 1A4	SCT

Established: 1994
Plant Size (ft²): 0
Employment: 40

--Details--
Description: Other Home Furnishings Wholesaler-Distributors
SIC/NAICS Code: 414390

Description: Other Specialty-Line Building Supplies Wholesaler-Distributors
SIC/NAICS Code: 416390

Description: Office and Store Machinery and Equipment Wholesaler-Distributors
SIC/NAICS Code: 417910

Description: All Other Wholesaler-Distributors
SIC/NAICS Code: 418990

Description: Prefabricated Wood Building Manufacturing
SIC/NAICS Code: 321992

Description: Commercial Screen Printing
SIC/NAICS Code: 323113

Description: Showcase, Partition, Shelving and Locker Manufacturing
SIC/NAICS Code: 337215

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	3 of 32	N/220.2	56.9 / -7.17	Expo Zone International Inc. 5300 Canotek Rd Unit 38 Ottawa ON K1J 1A4	SCT

Established: 1994
Plant Size (ft²):
Employment: 60

--Details--
Description: Showcase, Partition, Shelving and Locker Manufacturing
SIC/NAICS Code: 337215

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	4 of 32	N/220.2	56.9 / -7.17	EXPO ZONE INTERNATIONAL INC. 5300 CANOTEK ROAD, #38 GLOUCESTER ON K1J 1A4	GEN

Generator No: ON2266900
SIC Code: 2821
SIC Description: PLATEMAKING, ETC.
Approval Years: 97,98,99
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 265
Waste Class Name: GRAPHIC ART WASTES

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

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	5 of 32	N/220.2	56.9 / -7.17	EXPO ZONE INTERNATIONAL INC. 5300 CANOTEK ROAD, UNIT 38 GLOUCESTER ON K1J 1A4	GEN

Generator No: ON2266900
SIC Code: 2821
SIC Description: PLATEMAKING, ETC.
Approval Years: 00,01,02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 265
Waste Class Name: GRAPHIC ART WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	6 of 32	N/220.2	56.9 / -7.17	Impact Dental Laboratory 5300 Canotek Rd Suite 200 Gloucester ON K1J 1A4	SCT

Established:
Plant Size (ft²):

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Employment:					
--Details--					
Description:		Medical Equipment and Supplies Manufacturing			
SIC/NAICS Code:		339110			

40	7 of 32	N/220.2	56.9 / -7.17	**Transcontinental Media** **5300 Canotek Rd Unit 30** **Gloucester ON K1J 1A4**	SCT
Established:		01-AUG-83			
Plant Size (ft²):		1500			
Employment:					
--Details--					
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			

40	8 of 32	N/220.2	56.9 / -7.17	**Ottawa Business Journal** **5300 Canotek Rd Unit 30** **Ottawa ON K1J 1A4**	SCT
Established:					
Plant Size (ft²):					
Employment:		40			
--Details--					
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
Description:		Periodical Publishers			
SIC/NAICS Code:		511120			
Description:		Directory and Mailing List Publishers			
SIC/NAICS Code:		511140			

40	9 of 32	N/220.2	56.9 / -7.17	**L'Express d'Orleans** **5300 Canotek Rd Unit 30** **Ottawa ON K1J 1A4**	SCT
Established:		1995			
Plant Size (ft²):					
Employment:		4			
--Details--					
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			

40	10 of 32	N/220.2	56.9 / -7.17	**The Star** **5300 Canotek Rd** **Ottawa ON K1J 1A4**	SCT
Established:					
Plant Size (ft²):					
Employment:		35			

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

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

40	11 of 32	N/220.2	56.9 / -7.17	***Weekly Journal*** ***5300 Canotek Rd Suite 30*** ***Ottawa ON K1J 1A4***	SCT

Established:
Plant Size (ft²):
Employment: 35

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

40	12 of 32	N/220.2	56.9 / -7.17	***Impact Dental Laboratory Ltd.*** ***5300 Canotek Rd Suite 200*** ***Gloucester ON K1J 1A4***	SCT

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

Description: Medical Equipment and Supplies Manufacturing
SIC/NAICS Code: 339110

40	13 of 32	N/220.2	56.9 / -7.17	***The Star*** ***5300 Canotek Rd Unit 30*** ***Gloucester ON K1J 1A4***	SCT

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

40	14 of 32	N/220.2	56.9 / -7.17	***Ottawa Business Journal*** ***5300 Canotek Rd Unit 30*** ***Gloucester ON K1J 1A4***	SCT

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Newspaper Publishers

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

SIC/NAICS Code: 511110

Description: Periodical Publishers
SIC/NAICS Code: 511120

Description: Directory and Mailing List Publishers
SIC/NAICS Code: 511140

---

40 | ***15 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***L'Express d'Orleans***
5300 Canotek Rd Unit 30
Gloucester ON K1J 1A4 | ***SCT***

Established: 01-JUN-95
Plant Size (ft²):
Employment:

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

---

40 | ***16 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***Journal La Nouvelle***
5300 Canotek Rd Unit 30
Gloucester ON K1J 1A4 | ***SCT***

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Periodical Publishers
SIC/NAICS Code: 511120

---

40 | ***17 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Road***
Ottawa ON | ***EHS***

Order No:	20120628017	***Nearest Intersection:***	
Status:	C	***Municipality:***	Ottawa
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	03-JUL-12	***Search Radius (km):***	.25
Date Received:	28-JUN-12	***X:***	-75.58808
Previous Site Name:	Unknown	***Y:***	45.451753
Lot/Building Size:	17,700sm		
Additional Info Ordered:			

---

40 | ***18 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Rd***
Ottawa ON | ***EHS***

Order No:	20130415028	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Site Report	***Client Prov/State:***	ON
Report Date:	16-APR-13	***Search Radius (km):***	.001
Date Received:	15-APR-13	***X:***	0
Previous Site Name:		***Y:***	0
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	19 of 32	N/220.2	56.9 / -7.17	Impact dental Laboratory Ltd. 200-5300 Canotek Road Ottawa ON K1J 1A4	GEN

Generator No: ON4749696
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	20 of 32	N/220.2	56.9 / -7.17	Impact dental Laboratory Ltd. 200-5300 Canotek Road Ottawa ON K1J 1A4	GEN

Generator No: ON4749696
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	21 of 32	N/220.2	56.9 / -7.17	Impact dental Laboratory Ltd. 200-5300 Canotek Road Ottawa ON K1J 1A4	GEN

Generator No: ON4749696
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

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

---

40 | ***22 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***Impact dental Laboratory Ltd.***
200-5300 Canotek Road
Ottawa ON | ***GEN***

Generator No: ON4749696
SIC Code: 621390
SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

---

40 | ***23 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Rd***
Ottawa ON K1J1A4 | ***EHS***

Order No: 20160525024
Status: C
Report Type: Standard Report
Report Date: 30-MAY-16
Date Received: 25-MAY-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.58759
Y: 45.451761

---

40 | ***24 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***Impact dental Laboratory Ltd.***
200-5300 Canotek Road
Ottawa ON K1J 1A4 | ***GEN***

Generator No: ON4749696
SIC Code: 339990
SIC Description: ALL OTHER MISCELLANEOUS MANUFACTURING
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Jane Tu
Choice of Contact: CO_OFFICIAL
Phone No Admin: 4166546365 Ext.226
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	25 of 32	N/220.2	56.9 / -7.17	**Dental Services Group of Toronto, Inc** **200-5300 Canotek Road** **Ottawa ON K1J 1A4**	GEN

Generator No: ON4749696
SIC Code: 339990
SIC Description: ALL OTHER MISCELLANEOUS MANUFACTURING
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Jane Tu
Choice of Contact: CO_ADMIN
Phone No Admin: 4166546365 Ext.226
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	26 of 32	N/220.2	56.9 / -7.17	**Impact dental Laboratory Ltd.** **200-5300 Canotek Road** **Ottawa ON K1J 1A4**	GEN

Generator No: ON4749696
SIC Code: 621390
SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Natasha Brunet
Choice of Contact: CO_ADMIN
Phone No Admin: 613-746-0602 Ext.227
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	27 of 32	N/220.2	56.9 / -7.17	**Dental Services Group of Toronto, Inc** **200-5300 Canotek Road** **Ottawa ON K1J 1A4**	GEN

Generator No: ON4749696
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

Waste Class: 114 C
Waste Class Name: Other inorganic acid wastes

---

40 | ***28 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Road Ottawa ON*** | ***EHS***

Order No: 20170111026
Status: C
Report Type: Site Report
Report Date: 12-JAN-17
Date Received: 11-JAN-17
Previous Site Name: Combat Sports
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: VA
Search Radius (km): .05
X: -75.588159
Y: 45.451734

---

40 | ***29 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***Dental Services Group of Toronto, Inc 200-5300 Canotek Road Ottawa ON K1J 1A4*** | ***GEN***

Generator No: ON4749696
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 114 C
Waste Class Name: Other inorganic acid wastes

---

40 | ***30 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Road Gloucester ON K1J 1A4*** | ***EHS***

Order No: 21060400018
Status: C
Report Type: Standard Report
Report Date: 09-JUN-21
Date Received: 04-JUN-21
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.5883284
Y: 45.4517265

---

40 | ***31 of 32*** | ***N/220.2*** | ***56.9 / -7.17*** | ***5300 Canotek Road Gloucester ON K1J 1A4*** | ***EHS***

Order No: 21060400018
Status: C
Report Type: Standard Report
Report Date: 09-JUN-21
Date Received: 04-JUN-21
Previous Site Name:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.5883284
Y: 45.4517265

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

Lot/Building Size:
Additional Info Ordered:

---

40 | **32 of 32** | **N/220.2** | **56.9 / -7.17** | **5300 Canotek Road**
Gloucester ON K1J 1A4 | **EHS**

Order No:	21060400018	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	09-JUN-21	**Search Radius (km):**	.25
Date Received:	04-JUN-21	**X:**	-75.5883284
Previous Site Name:		**Y:**	45.4517265

Lot/Building Size:
Additional Info Ordered:

---

41 | **1 of 6** | **NW/220.5** | **57.2 / -6.86** | **TEXACO**
TH. COMPLEX AT 2166 LOYOLA ST. IN THE
STORM SEWER NEAR UNIT 46 TANK TRUCK
(CARGO)
GLOUCESTER CITY ON K1J 8H5 | **SPL**

Ref No:	7595	**Municipality No:**	20105
Year:		**Nature of Damage:**	
Incident Dt:	8/4/1988	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	8/4/1988	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	FUEL SAFETY BRANCH, CITY WORKS, RG

Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: GLOUCESTER CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Receiving Environment:
Incident Reason: CORROSION
Incident Summary: TEXACO HOME FUEL SERVICE FURNACE OIL PIPELINE, OILTO GROUND & SEWER.

Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

---

41 | ***2 of 6*** | ***NW/220.5*** | ***57.2 / -6.86*** | ***PRIVATE RESIDENCE*** ***2166 LOYOLA AVE #140 FURNACE OIL TANK*** ***OTTAWA CITY ON K1J 8H5*** | ***SPL***

Ref No:	197495	***Municipality No:***	20107
Year:		***Nature of Damage:***	
Incident Dt:	4/2/2001	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/2/2001	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: Possible
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: UNKNOWN
Incident Summary: PRIVATE OIL TANK: <1L FURNACE OIL TO GND/WALL BLOWBACK - CLEANED UP.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

---

41 | ***3 of 6*** | ***NW/220.5*** | ***57.2 / -6.86*** | ***PIPELINE HIT - 1/2"*** ***2166 LOYOLA AVENUE,,OTTAWA,ON,K1J 8H5,*** ***CA*** | ***PINC***

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

Incident Id:		Pipe Material:	
Incident No:	1870274	Fuel Category:	
Incident Reported Dt:	5/24/2016	Health Impact:	
Type:	FS-Pipeline Incident	Environment Impact:	
Status Code:		Property Damage:	
Tank Status:	Pipeline Damage Reason Est	Service Interrupt:	
Task No:		Enforce Policy:	
Spills Action Centre:		Public Relation:	
Fuel Type:		Pipeline System:	
Fuel Occurrence Tp:		PSIG:	
Date of Occurrence:		Attribute Category:	
Occurrence Start Dt:		Regulator Location:	
Depth:		Method Details:	
Customer Acct Name:	PIPELINE HIT - 1/2"		
Incident Address:	2166 LOYOLA AVENUE,,OTTAWA,ON,K1J 8H5,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	4 of 6	NW/220.5	57.2 / -6.86	TASCOR CONSTRUCTION LTD 2166 LOYOLA AVE,,OTTAWA,ON,K1J 8H5,CA ON	PINC

Incident Id:		Pipe Material:	
Incident No:	1872418	Fuel Category:	
Incident Reported Dt:	5/26/2016	Health Impact:	
Type:	FS-Pipeline Incident	Environment Impact:	
Status Code:		Property Damage:	
Tank Status:	Pipeline Damage Reason Est	Service Interrupt:	
Task No:		Enforce Policy:	
Spills Action Centre:		Public Relation:	
Fuel Type:		Pipeline System:	
Fuel Occurrence Tp:		PSIG:	
Date of Occurrence:		Attribute Category:	
Occurrence Start Dt:		Regulator Location:	
Depth:		Method Details:	
Customer Acct Name:	TASCOR CONSTRUCTION LTD		
Incident Address:	2166 LOYOLA AVE,,OTTAWA,ON,K1J 8H5,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	5 of 6	NW/220.5	57.2 / -6.86	Enbridge Gas Distribution Inc. 2166 Loyola Ave Ottawa ON	SPL

Ref No:	2568-AABJBK	Municipality No:	
Year:		Nature of Damage:	

Incident Dt:	2016/05/26	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2016/05/26	**Health/Env Conseq:**	
Dt Document Closed:	2016/08/16	**Agency Involved:**	
Site No:	NA		
Facility Name:			
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Private Residence<UNOFFICIAL>		
Site Address:	2166 Loyola Ave		
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Event:	Leak/Break		
Environment Impact:			
Nature of Impact:			
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:	Enbridge Gas Distribution Inc.		
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:	Air		
Incident Reason:	Operator/Human Error		
Incident Summary:	TSSA- 1/2" Plastic Line Strike, Made safe, Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Industrial		
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill		
Source Type:			

---

41 | **6 of 6** | **NW/220.5** | **57.2 / -6.86** | **2166 Loyala Unit 127 Ottawa ON** | **SPL**

Ref No:	5714-AA9MPH	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2016/05/24	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2016/05/24	**Health/Env Conseq:**	
Dt Document Closed:	2016/08/10	**Agency Involved:**	
Site No:	NA		
Facility Name:			
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Townhouse Complex<UNOFFICIAL>		
Site Address:	2166 Loyala Unit 127		

Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Receiving Environment:	Air
Incident Reason:	Operator/Human Error
Incident Summary:	TSSA: strike on 1/2 gas service, made safe
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Other
SAC Action Class:	Air Spills - Gases and Vapours
Source Type:	

42	1 of 1	SE/232.0	60.9 / -3.17	OLRT lot 15 con 1 Ottawa ON	WWIS

Well ID:	7311679	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	05/25/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z227863	**Contractor:**	1844
Tag:	A202132	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	05/03/2017
Year Completed:	2017

Depth (m): 9.14
Latitude: 45.4474386042469
Longitude: -75.5858098164831
Path:

Bore Hole Information

Bore Hole ID: 1007060217
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/03/2017
Remarks:
Loc Method Desc: from gis
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 454190.00
North83: 5032824.00
Org CS: UTM83
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 1007361585
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.140000343322754
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007363555
Layer: 1
Plug From: 0.0
Plug To: 5.75
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007361590
Method Construction Code: F
Method Construction: H.S.A.
Other Method Construction:

Pipe Information

Pipe ID: 1007361584
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1007361588
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	6.0
Casing Diameter:	5.079999923706055
Casing Diameter UOM:	cm
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007361589
Layer:	1
Slot:	10
Screen Top Depth:	6.0
Screen End Depth:	9.140000343322754
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	cm
Screen Diameter:	5.889999866485596

Water Details

Water ID:	1007361587
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007361586
Diameter:	20.299999237060547
Depth From:	0.0
Depth To:	9.140000343322754
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1007060217	***Tag No:***	A202132
Depth M:	9.14	***Contractor:***	1844
Year Completed:	2017	***Latitude:***	45.4474386042469
Well Completed Dt:	05/03/2017	***Longitude:***	-75.5858098164831
Audit No:	Z227863	***Y:***	45.44743859715254
Path:	731\7311679.pdf	***X:***	-75.5858096540953

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	WNW/245.9	67.8 / 3.78	lot 16 con 1 ON	WWIS

Well ID:	1500753	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1

Final Well Status:	Water Supply	**Date Received:**	10/28/1948
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: GLOUCESTER TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500753.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/12/1948
Year Completed: 1948
Depth (m): 73.7616
Latitude: 45.450224237078
Longitude: -75.5919681581089
Path: 150\1500753.pdf

Bore Hole Information

Bore Hole ID:	10022796	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453710.70
Code OB Desc:		**North83:**	5033137.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	04/12/1948	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930990133
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930990134
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	160.0
Formation End Depth:	242.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500753
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571366
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038490
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	242.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500753
Pump Set At:	
Static Level:	90.0
Final Level After Pumping:	90.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0

Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933453294
Layer: 1
Kind Code: 4
Kind: MINERIAL
Water Found Depth:
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022796
Depth M: 73.7616
Year Completed: 1948
Well Completed Dt: 04/12/1948
Audit No:
Path: 150\1500753.pdf
Tag No:
Contractor: 3566
Latitude: 45.450224237078
Longitude: -75.5919681581089
Y: 45.45022423006042
X: -75.591967995652

---

44 | **1 of 1** | **WNW/245.9** | **67.8 / 3.78** | **ON** | **BORE**

Borehole ID: 615261
OGF ID: 215516203
Status:
Type: Borehole
Use:
Completion Date: APR-1948
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 73.8
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 69.5
Elev Reliabil Note:
DEM Ground Elev m: 71.9
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.450226
Longitude DD: -75.591968
UTM Zone: 18
Easting: 453711
Northing: 5033137
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218400960
Top Depth: 48.8
Bottom Depth: 73.8
Material Color: Grey
Material 1: Clay
Material 2: Sand
Material 3: Stones
Material 4:
Gsc Material Description:
Stratum Description: CLAY. STONE. . GREY. 00250OUND,STRATIFIED. ED. CLAY. GREY,SOFT,FISSURED. CLAY.
Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218400959
Top Depth: 0
Bottom Depth: 48.8
Material Color:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:

Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 07769 NTS_Sheet:
Confiden 1:

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

Source List

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

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

---

45 ***1 of 1*** ***N/251.6*** ***57.7 / -6.32*** ***5300 - 5310 Canotek Rd Ottawa ON*** ***EHS***

Order No: 20080103015
Status: C
Report Type: Complete Report
Report Date: 1/14/2008
Date Received: 1/3/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.5879
Y: 45.452003

---

46 ***1 of 5*** ***NNE/253.6*** ***57.9 / -6.17*** ***PCO SERVICES INC. 5310 CANOTEK ROAD, UNIT 28 GLOUCESTER ON K1J 9N5*** ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	2 of 5	NNE/253.6	57.9 / -6.17	PCO SERVICES INC. 5310 CANOTEK ROAD, UNIT46 GLOUCESTER ON K1J9N5	PES

Detail Licence No:	23-01-05571-0	**Operator Box:**	
Licence No:	05571	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	5965318
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	4
Longitude:		**Operator District:**	2
Lot:		**Operator County:**	15
Concession:		**Op Municipality:**	
Region:	4	**Post Office Box:**	
District:	2	**MOE District:**	
County:	15	**SWP Area Name:**	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	3 of 5	NNE/253.6	57.9 / -6.17	ProSoya Inc. 5310 Canotek Rd Unit 2 Gloucester ON K1J 9N5	SCT

Established:	01-AUG-84
Plant Size (ft²):	3800
Employment:	

--Details--

Description:	Fluid Milk Manufacturing
SIC/NAICS Code:	311511
Description:	Commercial and Service Industry Machinery Manufacturing
SIC/NAICS Code:	333310
Description:	All Other Food Manufacturing
SIC/NAICS Code:	311990

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	4 of 5	NNE/253.6	57.9 / -6.17	Classic Care Pharmacy Corporation 5310 Canotek Road Unit 30 Gloucester ON	GEN

Generator No:	ON2847138
SIC Code:	414510
SIC Description:	Pharmaceuticals and Pharmacy Supplies Wholesaler-D
Approval Years:	06,07,08
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

---

46 | **5 of 5** | **NNE/253.6** | **57.9 / -6.17** | **PCO SERVICES INC.**
5310 CANOTEK ROAD, UNIT46
GLOUCESTER ON K1J9N5 | **PES**

Detail Licence No:
Licence No: 05571
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 613
Oper Phone No: 5965318
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

47 | **1 of 11** | **W/257.5** | **72.9 / 8.83** | **2111 Montreal Road, Unit 191, Ottawa ON** | **PINC**

Incident Id: 2680216
Incident No: 523820
Incident Reported Dt:
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Tank Status: RC Established
Task No: 3211695
Spills Action Centre:
Fuel Type: Natural Gas
Fuel Occurrence Tp: Pipeline Strike
Date of Occurrence: 9/29/2010 0:00
Occurrence Start Dt: 2011/06/17
Depth:
Customer Acct Name:
Incident Address:
Operation Type: Private Dwelling
Pipeline Type:
Regulator Type:
Summary: 2111 Montreal Road, Unit 191, Ottawa - 2" Pipeline Hit
Reported By: Alan Armstrong - Enbridge
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

Pipe Material:
Fuel Category: Natural Gas
Health Impact: No
Environment Impact: No
Property Damage: Yes
Service Interrupt: Yes
Enforce Policy: Yes
Public Relation: No
Pipeline System:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

---

47 | **2 of 11** | **W/257.5** | **72.9 / 8.83** | **Enbridge Gas Distribution Inc.**
2111 Montreal Road, Unit 66
Ottawa ON | **SPL**

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

Ref No:	0325-985L5Q	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	28-MAY-13	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	28-MAY-13	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
Facility Name:			
MOE Response:	Referral to others		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	gas main header<UNOFFICIAL>		
Site Address:	2111 Montreal Road, Unit 66		
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Leak/Break		
Incident Event:			
Environment Impact:	Not Anticipated		
Nature of Impact:	Air Pollution; Human Health/Safety		
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:	Enbridge Gas Distribution Inc.		
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:			
Incident Reason:	Operator/Human Error		
Incident Summary:	Enbridge: damaged gas main header, evac, 2111 Montreal Rd		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Pipeline/Components		
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill		
Source Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
47	3 of 11	W/257.5	72.9 / 8.83	**PIPELINE HIT** **2111 MONTREAL RD, UNIT 66,,,OTTAWA,ON,K1J 8M8,CA** **ON**	PINC

Incident Id:		**Pipe Material:**	
Incident No:	1107424	**Fuel Category:**	
Incident Reported Dt:	5/28/2013	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	

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

Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: PIPELINE HIT
Incident Address: 2111 MONTREAL RD, UNIT 66,,,OTTAWA,ON,K1J 8M8,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:
Attribute Category:
Regulator Location:
Method Details:

47	4 of 11	W/257.5	72.9 / 8.83	Enbridge Gas Distribution Inc. 2111 Montreal Rd Ottawa ON	SPL

Ref No: 4846-B24Q5N
Year:
Incident Dt: 2018/06/26
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/06/26
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth: 10 -100 metres eg. Topographic Map
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Townhouse<UNOFFICIAL>
Site Address: 2111 Montreal Rd
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu: Map
Site Map Datum:
Northing: 5032986.38
Easting: 453784.21
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name: Enbridge Gas Distribution Inc.
Client Type: Corporation
Call Report Locatn Geodata:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Receiving Medium:
Receiving Environment: Air
Incident Reason: Unknown / N/A
Incident Summary: TSSA FSB - Spill - half inch line hit by contractor
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type: Pipeline/Components

---

47 | **5 of 11** | **W/257.5** | **72.9 / 8.83** | **2111 Montreal Road Ottawa ON** | **SPL**

Ref No: 1445-B2QLX9
Year:
Incident Dt: 2018/07/16
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/07/16
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Residence<UNOFFICIAL>
Site Address: 2111 Montreal Road
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Receiving Medium:
Receiving Environment: Air
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: 1/2 inch plastic IP line strike, made safe.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type: Pipeline/Components

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

---

47 | **6 of 11** | **W/257.5** | **72.9 / 8.83** | **Enbridge Gas Distribution Inc. 2111 Montreal Road Ottawa ON** | **SPL**

Ref No: 3806-B2JSNQ
Year:
Incident Dt: 2018/07/10
Dt MOE Arvl on Scn:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:

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

MOE Reported Dt:	2018/07/10	**Health/Env Conseq:**	2 - Minor Environment
Dt Document Closed:		**Agency Involved:**	
Site No:	NA		
Facility Name:			
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	half inch natural gas line<UNOFFICIAL>		
Site Address:	2111 Montreal Road		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:	Map		
Site Map Datum:			
Northing:	5032991.65		
Easting:	453718.12		
Incident Cause:			
Incident Event:	Leak/Break		
Environment Impact:			
Nature of Impact:			
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:	Enbridge Gas Distribution Inc.		
Client Type:	Corporation		
Call Report Locatn Geodata:			
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	1075		
Receiving Medium:			
Receiving Environment:	Air		
Incident Reason:	Unknown / N/A		
Incident Summary:	TSSA FSB - Spill - half inch line hit by contractor		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Unknown / N/A		
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill		
Source Type:	Pipeline/Components		

47	7 of 11	W/257.5	72.9 / 8.83	**PIPELINE HIT 1/2"** **2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA** **ON**	PINC

Incident Id:		**Pipe Material:**	
Incident No:	2348440	**Fuel Category:**	
Incident Reported Dt:	7/16/2018	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT 1/2"		
Incident Address:	2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA		

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

Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

---

47 | **8 of 11** | **W/257.5** | **72.9 / 8.83** | **PIPELINE HIT 1/2" 2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA ON** | **PINC**

Incident Id:
Incident No: 2344260
Incident Reported Dt: 7/11/2018
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:
Customer Acct Name: PIPELINE HIT 1/2"
Incident Address: 2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

---

47 | **9 of 11** | **W/257.5** | **72.9 / 8.83** | **PIPELINE HIT 1/2" 2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA ON** | **PINC**

Incident Id:
Incident No: 2336108
Incident Reported Dt: 6/27/2018
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:
Customer Acct Name: PIPELINE HIT 1/2"
Incident Address: 2111 MONTREAL RD,,GLOUCESTER,ON,K1J 8M8,CA
Operation Type:
Pipeline Type:

Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

---

47 | **10 of 11** | **W/257.5** | **72.9 / 8.83** | **ENBRIDGE GAS INC**
2111 MONTREAL RD,,OTTAWA,ON,K1J 8M8,CA
ON | **PINC**

Incident Id:
Incident No: 2760952
Incident Reported Dt: 1/17/2020
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 2111 MONTREAL RD,,OTTAWA,ON,K1J 8M8,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

---

47 | **11 of 11** | **W/257.5** | **72.9 / 8.83** | **Enbridge Energy Distribution Inc.**
2111 Montreal St.
Ottawa ON | **SPL**

Ref No: 5854-BKWP3U
Year:
Incident Dt: 2020/01/17
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/01/17
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Line strike<UNOFFICIAL>
Site Address: 2111 Montreal St.
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

Northing:	
Easting:	
Incident Cause:	
Incident Event:	Leak/Break
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	Enbridge Energy Distribution Inc.
Client Type:	Corporation
Call Report Locatn Geodata:	
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	
Receiving Environment:	Air
Incident Reason:	Operator/Human Error
Incident Summary:	TSSA FSB: ½ pl IP, service, residential, made safe
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	
Source Type:	Pipeline/Components

---

48 | **1 of 1** | **WNW/259.8** | **58.4 / -5.60** | **960 Loyola Ave Ottawa ON K1J7W3** | **EHS**

Order No:	20160118114	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	08-FEB-16	**Search Radius (km):**	.25
Date Received:	18-JAN-16	**X:**	-75.591934
Previous Site Name:		**Y:**	45.450572
Lot/Building Size:			
Additional Info Ordered:	City Directory		

---

49 | **1 of 1** | **N/261.7** | **57.7 / -6.32** | **lot 15 con 1 ON** | **WWIS**

Well ID:	1514662	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Commerical	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/01/1975
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2557
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514662.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/06/1975
Year Completed: 1975
Depth (m): 38.1
Latitude: 45.4520907859488
Longitude: -75.5878440904199
Path: 151\1514662.pdf

Bore Hole Information

Bore Hole ID: 10036632
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/06/1975
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 18
East83: 454034.70
North83: 5033342.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931026918
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 90.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931026917
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 90.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961514662
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10585202
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930064749
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 125.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991514662
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 50.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934383082
Test Type: Recovery
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934644070

Test Type: Recovery
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901539
Test Type: Recovery
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100483
Test Type: Recovery
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933470588
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10036632
Depth M: 38.1
Year Completed: 1975
Well Completed Dt: 05/06/1975
Audit No:
Path: 151\1514662.pdf
Tag No:
Contractor: 2557
Latitude: 45.4520907859488
Longitude: -75.5878440904199
Y: 45.45209077913806
X: -75.58784392751288

50 ***1 of 1*** ***SSW/262.1*** ***66.6 / 2.52*** ***Hydro Ottawa Limited 1270 Famlit Crt Ottawa ON*** ***SPL***

Ref No: 0601-BPDRQD
Year:
Incident Dt: 2020/05/07
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/05/07
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Padmount Transformer<UNOFFICIAL>
Site Address: 1270 Famlit Crt
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

Site Geo Ref Accu:
Site Map Datum:
Northing: 5032724.18
Easting: 453870.93
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
Contaminant Qty: 100 L
System Facility Address:
Client Name: Hydro Ottawa Limited
Client Type: Corporation
Call Report Locatn Geodata:
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium:
Receiving Environment: Land
Incident Reason: Equipment Failure
Incident Summary: HydroOttawa: ~100L non-PCB oil to ground, pad
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class:
Source Type: Transformer

---

51 | ***1 of 1*** | ***WSW/262.7*** | ***70.9 / 6.83*** | ***LAPORTE GARDENS & GREENHOUSES LTD***
2116 MONTREAL ROAD
OTTAWA ON K1J 6M7 | ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

52 | ***1 of 19*** | ***WSW/266.0*** | ***70.9 / 6.83*** | ***Ontario Doctors Management Group Inc.***
2116 Montreal Road
Ottawa ON | ***GEN***

Generator No: ON4135348
SIC Code: 621110
SIC Description: Offices of Physicians
Approval Years: 2012
PO Box No:
Country:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	2 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON**	GEN

Generator No:	ON4135348
SIC Code:	621110
SIC Description:	OFFICES OF PHYSICIANS
Approval Years:	2013
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES
Waste Class:	261
Waste Class Name:	PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	3 of 19	WSW/266.0	70.9 / 6.83	**Rexall Pharmacy Group Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No:	ON4488620
SIC Code:	446110
SIC Description:	446110
Approval Years:	2016
PO Box No:	
Country:	Canada
Status:	
Co Admin:	Erik Botines
Choice of Contact:	CO_ADMIN
Phone No Admin:	9055017800 Ext.
Contaminated Facility:	No
MHSW Facility:	No

Detail(s)

Waste Class:	261
Waste Class Name:	PHARMACEUTICALS
Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	4 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No:	ON4135348

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

SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

52	5 of 19	WSW/266.0	70.9 / 6.83	**Pharma Plus Drugmarts Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4488620
SIC Code: 446110
SIC Description: 446110
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Erik Botines
Choice of Contact: CO_ADMIN
Phone No Admin: 9055017800 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

52	6 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4135348
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312

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

Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

---

52 **7 of 19** **WSW/266.0** **70.9 / 6.83**

Appletree Medical Group
2116 Montreal Road, Unit 2
ottawa ON K1J6M7

GEN

Generator No: ON2808745
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

---

52 **8 of 19** **WSW/266.0** **70.9 / 6.83**

Ontario Doctors Management Group Inc.
2116 Montreal Road
Ottawa ON K1J 6M7

GEN

Generator No: ON4135348
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

---

52 **9 of 19** **WSW/266.0** **70.9 / 6.83**

Appletree Medical Group
2116 Montreal Road, Unit 2
ottawa ON K1J6M7

GEN

Generator No: ON2808745
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS
Approval Years: 2014
PO Box No:
Country: Canada

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

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

52	10 of 19	WSW/266.0	70.9 / 6.83	**Pharma Plus Drugmarts Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4488620
SIC Code: 446110
SIC Description: 446110
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Aaron Schrama
Choice of Contact: CO_ADMIN
Phone No Admin: 905-502-5965 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

52	11 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4135348
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

52	12 of 19	WSW/266.0	70.9 / 6.83	**Rexall Pharmacy Group Ltd** **2116 Montreal Road**	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1J 6M7	

Generator No: ON4488620
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	13 of 19	WSW/266.0	70.9 / 6.83	**LAPORTE GARDENS & GREENHOUSES LTD** **2116 MONTREAL ROAD** **OTTAWA ON K1J6M7**	PES

Detail Licence No:
Licence No: 08150
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 613
Oper Phone No: 7453714
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	14 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4135348
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

52	15 of 19	WSW/266.0	70.9 / 6.83	**Rexall Pharmacy Group Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4488620
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

52	16 of 19	WSW/266.0	70.9 / 6.83	**Rexall Pharmacy Group Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4488620
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

52	17 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road**	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1J 6M7	

Generator No: ON4135348
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	18 of 19	WSW/266.0	70.9 / 6.83	**Rexall Pharmacy Group Ltd** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4488620
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 261 A
Waste Class Name: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	19 of 19	WSW/266.0	70.9 / 6.83	**Ontario Doctors Management Group Inc.** **2116 Montreal Road** **Ottawa ON K1J 6M7**	GEN

Generator No: ON4135348
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:

Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: PHARMACEUTICALS

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

---

53 | ***1 of 1*** | ***NNW/276.6*** | ***56.5 / -7.57*** | ***Hydro Ottawa Limited***
920 SHEFFORD RD, OTTAWA<UNOFFICIAL>
Ottawa ON | ***SPL***

Ref No: 3628-635PNS
Year:
Incident Dt: 7/22/2004
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/22/2004
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: 920 SHEFFORD RD, OTTAWA<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Other Discharges
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Contaminant Qty: 10 L
System Facility Address:
Client Name: Hydro Ottawa Limited
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 13
Contaminant Name: MINERAL OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Equipment Failure - Malfunction of system components
Incident Summary: Hydro Ottawa - Transformer Oil Spill
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Transformer
SAC Action Class: Spill to Land
Source Type:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Oil
Health/Env Conseq:
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	1 of 2	NNW/280.6	55.9 / -8.12	GLOUCESTER HYDRO 17-196 SHEFFORD RD. AT CANOTEK RD.,BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	GEN

Generator No: ON0483804
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 92,93,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	2 of 2	NNW/280.6	55.9 / -8.12	GLOUCESTER HYDRO SHEFFORD RD. AT CANOTEK RD.,BEACONHILL MUN. STN., PT.LT. 16, CONCESSION 1 GLOUCESTER ON	GEN

Generator No: ON0483804
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	1 of 2	NNW/280.6	55.9 / -8.12	GLOUCESTER HYDRO SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON	GEN

Generator No: ON0483804
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 88,89
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:

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

MHSW Facility:

Detail(s)

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

---

55 | ***2 of 2*** | ***NNW/280.6*** | ***55.9 / -8.12*** | ***GLOUCESTER HYDRO 17-196 SHEFFORD RD. AT CANOTEK RD. BEACONHILL MS. PART LOT 16, CONC.1 OTTAWA FRONT GLOUCESTER ON*** | ***GEN***

Generator No: ON0483804
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 94,95
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

---

56 | ***1 of 1*** | ***NE/284.3*** | ***58.6 / -5.48*** | ***MONTREAL RD lot 15 con 1 Ottawa ON*** | ***WWIS***

Well ID:	7209248	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Abandoned-Other	***Date Received:***	10/07/2013
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z163801	***Contractor:***	4875
Tag:	A136721	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	015
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7209248.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/30/2013
Year Completed: 2013
Depth (m):
Latitude: 45.4513296138595

Longitude: -75.5853257608328
Path: 720\7209248.pdf

Bore Hole Information

Bore Hole ID: 1004598794
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/30/2013
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 454231.00
North83: 5033256.00
Org CS: UTM83
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: wwr

Method of Construction & Well Use

Method Construction ID: 1004662458
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004662451
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004662455
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004662456
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

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

Water Details

Water ID:	1004662454
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004662453
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1004598794	***Tag No:***	A136721
Depth M:		***Contractor:***	4875
Year Completed:	2013	***Latitude:***	45.4513296138595
Well Completed Dt:	08/30/2013	***Longitude:***	-75.5853257608328
Audit No:	Z163801	***Y:***	45.45132960703708
Path:	720\7209248.pdf	***X:***	-75.58532559853217

57 ***1 of 1*** ***SW/285.5*** ***68.8 / 4.78*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1500758	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	10/28/1954
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1107
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500758.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/22/1954
Year Completed:	1954
Depth (m):	50.292
Latitude:	45.4469429418611
Longitude:	-75.5911665724306
Path:	150\1500758.pdf

Bore Hole Information

Bore Hole ID:	10022801	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453770.70
Code OB Desc:		***North83:***	5032772.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	07/22/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930990144
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990145
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 160.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500758
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571371
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038496
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 165.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991500758
Pump Set At:
Static Level: 65.0
Final Level After Pumping: 65.0
Recommended Pump Depth:
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933453298
Layer: 1
Kind Code: 4
Kind: MINERIAL
Water Found Depth: 165.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022801
Depth M: 50.292
Year Completed: 1954
Well Completed Dt: 07/22/1954
Audit No:
Path: 150\1500758.pdf

Tag No:
Contractor: 1107
Latitude: 45.4469429418611
Longitude: -75.5911665724306
Y: 45.446942935359665
X: -75.59116640970502

---

58 ***1 of 1*** ***NNW/288.9*** ***56.5 / -7.57*** ***Hydro Ottawa Limited***
910 Shefford Rd
Ottawa ON
SPL

Ref No: 7077-7Q4VU4
Year:
Municipality No:
Nature of Damage:

Incident Dt:		**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	3/13/2009	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
Facility Name:			
MOE Response:	Priority Field Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Shefford Transformer Station		
Site Address:			
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5033342		
Easting:	453887		
Incident Cause:	Discharge Or Bypass To A Watercourse		
Incident Event:			
Environment Impact:	Confirmed		
Nature of Impact:	Human Health/Safety; Soil Contamination; Surface Water Pollution		
Contaminant Qty:			
System Facility Address:			
Client Name:	Hydro Ottawa Limited		
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:			
Contaminant Name:	MINERAL OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Receiving Environment:			
Incident Reason:	Fire/Explosion - Resulting from fires/explosions (Not occurrences which cause a fire or explosion)		
Incident Summary:	City of Ottawa: fire - tranfrmr spill to catch basin. Ottawa		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Transformer		
SAC Action Class:	Watercourse Spills		
Source Type:			

59	1 of 1	SW/296.7	68.8 / 4.78	lot 17 con 1 ON	WWIS

Well ID:	1500783	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	12/03/1963
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	017
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	

Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500783.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/18/1963
Year Completed:	1963
Depth (m):	58.2168
Latitude:	45.4468079307632
Longitude:	-75.5911651621413
Path:	150\1500783.pdf

Bore Hole Information

Bore Hole ID:	10022826	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453770.70
Code OB Desc:		**North83:**	5032757.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/18/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930990200
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	170.0
Formation End Depth:	191.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930990199
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500783
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10571396
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038537
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 191.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991500783
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 8
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933453323
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 191.0

Water Found Depth UOM: ft

Links

Bore Hole ID:	10022826	**Tag No:**	
Depth M:	58.2168	**Contractor:**	1504
Year Completed:	1963	**Latitude:**	45.4468079307632
Well Completed Dt:	10/18/1963	**Longitude:**	-75.5911651621413
Audit No:		**Y:**	45.44680792410144
Path:	150\1500783.pdf	**X:**	-75.59116499936195

60 **1 of 1** **NE/297.6** **57.9 / -6.16** **lot 15 con 1 ON** **WWIS**

Well ID:	1510894	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/03/1970
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: GLOUCESTER TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510894.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/25/1970
Year Completed:	1970
Depth (m):	36.8808
Latitude:	45.4520984107323
Longitude:	-75.5863606601712
Path:	151\1510894.pdf

Bore Hole Information

Bore Hole ID:	10032897	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454150.70
Code OB Desc:		**North83:**	5033342.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	08/25/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931016102
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	117.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931016104
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	120.0
Formation End Depth:	121.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931016103
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	117.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510894
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10581467
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058340
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 120.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058341
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 121.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991510894
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 39.0
Recommended Pump Depth: 50.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 14
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934641759
Test Type: Recovery
Test Duration: 45
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934381156

Test Type:	Recovery
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899101
Test Type:	Recovery
Test Duration:	60
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097448
Test Type:	Recovery
Test Duration:	15
Test Level:	28.0
Test Level UOM:	ft

Water Details

Water ID:	933465936
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	117.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10032897	**Tag No:**	
Depth M:	36.8808	**Contractor:**	3504
Year Completed:	1970	**Latitude:**	45.4520984107323
Well Completed Dt:	08/25/1970	**Longitude:**	-75.5863606601712
Audit No:		**Y:**	45.45209840416656
Path:	151\1510894.pdf	**X:**	-75.58636049775508

61 ***1 of 1*** ***NE/297.7*** ***57.9 / -6.16*** ***ON*** ***BORE***

Borehole ID:	615277	**Inclin FLG:**	No
OGF ID:	215516219	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.4521
Total Depth m:	36.9	**Longitude DD:**	-75.586361
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	454151
Drill Method:		**Northing:**	5033342
Orig Ground Elev m:	54.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	56.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218401007	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	35.7	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN.		

Geology Stratum ID:	218401008	***Mat Consistency:***	
Top Depth:	35.7	***Material Moisture:***	
Bottom Depth:	36.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218401009	***Mat Consistency:***	
Top Depth:	36.6	***Material Moisture:***	
Bottom Depth:	36.9	***Material Texture:***	
Material Color:	Red	***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. 00117ERED. BEDROCK. WEATHERED. BEDROCK. 00010 023 00025 017 0001000400 **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: 07785 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		

Unplottable Summary

Total: 87 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	GERALD SAVOIE C/O MONTFORT HOSPITAL	MONTREAL ROAD	OTTAWA CITY ON	
CA	MALHOTRA DEVELOPMENTS INC.-PT.LOT 23/C-1	MONTREAL RD./STM-WATER MGT.	OTTAWA CITY ON	
CA	EDGAR JULES BERNARD MARCIL-PT.LOT 15/C-1	SHEFFORD RD., STM-WATER MGT.	GLOUCESTER CITY ON	
CA	B. MARCIL - SHEFFORD RD. /PLACE VOYAGEUR	EASEMENT SHEFFORD RD.	GLOUCESTER CITY ON	
CA	COMMERCE CITY INVESTMENTS LTD.	CANOTEK RD. STORMWATER MANAGEM	GLOUCESTER CITY ON	
CA	GERALD SAVOIE C/O MONFORT HOSPITAL	MONTREAL ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MONTREAL RD.	GLOUCESTER CITY ON	
CA	GLOUCESTER CITY	SHEFFORD RD.	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON-ORLEANS RESERVOI	FOREST RIDGE PS REGIONAL RD.34	GLOUCESTER CITY ON	
CA	GLOUCESTER CITY	SHEFFORD RD.	GLOUCESTER CITY ON	
CA	TDL GROUP LTD., TIM HORTON'S	MONTREAL RD., BLK.57, RP 4M916	GLOUCESTER ON	
CA	1146510 ONTARIO INC.	MONTREAL RD., PT.LOT 25/C-1	OTTAWA CITY ON	
CA	CARA OPERATIONS LIMITED	MONTREAL RD. (HARVEY'S)	GLOUCESTER CITY ON	
CA	CITY	RAINBOW ST.	GLOUCESTER CITY ON	
CA		Canotek Road	Ottawa ON	
CA	Suncor Energy Products Inc.		Ottawa ON	
CA	REGIONAL MUN. OF OTTAWA-CARLETON	SHEFFORD RD./RCMP SEW. P.S.	GLOUCESTER CITY ON	

CA	TACO BELL OF CANADA	MONTREAL RD., BLKS. 43 & 45	GLOUCESTER CITY ON	
DTNK	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
DTNK	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
DTNK	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39 OTTAWA ON CA	ON	
ECA	Kiewit Eurovia Vinci Ottawa Partnership	Highway OR174	Ottawa ON	K1H 1E1
EHS		Montreal Rd	Ottawa ON	
EHS		unknown - on Montreal Road	Ottawa ON	
FST	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39 OTTAWA ON CA	ON	
FSTH	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
FSTH	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	City of Otawa	Montreal Road from Hwy 174 to Ogilvie (including R	Ottawa ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	K1A 0K2
GEN	Kiewit Eurovia Vinci	Blair Station	Ottawa ON	K1J 9L3
GEN	Kiewit Eurovia Vinci	BR04	Ottawa ON	K1J7N8
GEN	Kiewit Eurovia Vinci	Intersection of Shefford and East Acres	Ottawa ON	K1J 6X6
GEN	Kiewit Eurovia Vinci	BR04	Ottawa ON	K1J7N8
GEN	Kiewit Eurovia Vinci	Montreal Rd. and HWY 174	Ottawa ON	K1J 0C7
GEN	Kiewit Eurovia Vinci	Intersection of Shefford and East Acres	Ottawa ON	K1J 6X6
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	

GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	PRATT & WHITNEY CANADA INC.	M11, NRC CAMPUS MONTREAL ROAD	OTTAWA ON	
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS 35-136	MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD CAMPUS MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	NATIONAL RESEARCH COUNCIL 18-107	MONTREAL ROAD COMPLEX MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	NATIONAL RESEACH COUNCIL 18-107	MONTREAL ROAD COMPLEX MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD COMPLEX MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	GVT. OF CAN. - NATIONAL RESEARCH	COUNCIL, MONTREAL ROAD, COMPLEX M54, M40 MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	GVT. OF CAN. - NATIONAL RESEARCH	COUNCIL, MONTREAL ROAD COMPLEX BUILDING M-54	OTTAWA ON	K1A 0R6
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	K1A 0K2
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA18-182	MONTREAL RD,BLDG M-23 NRC,CF PHOTO UNIT LAND ENGINEERING TEST ESTABLISHMENT	OTTAWA ON	
GEN	NATIONAL DEFENSE	NRC MONTREAL ROAD, CAMPUS BLDG. M23 CF PHOTO UNIT	OTTAWA ON	K1A 0M3
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA	BLDG. SERVICES-NAT'L DEFENCE, LAND ENG. TEST ESTAB'MT,BLDG.M-23,NRC, MONTR'L RD	OTTAWA ON	K1A 0K5
GEN	PRATT & WHITNEY CANADA INC.	M10-B, NRC CAMPUS MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	GVT. OF CAN. - NATIONAL DEFENCE	LETE MONTREAL ROAD	OTTAWA ON	K1A 0M3
GEN	TEXACO (SEE & USE ON1315710) 37-319	LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE.	OTTAWA ON	K1G 3K4
GEN	TEXACO (SEE & USE ON1315710)	LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE.	OTTAWA ON	K1G 3K4
GEN	TEXACO CANADA INC.	LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE.	OTTAWA ON	K1G 3K4
HINC		OLD HIGHWAY 17	OTTAWA ON	
NCPL	City of Ottawa - Clarke Bellinger Stormwater	Lot 16, 17 & 18, Conc 1, Rideau Front	Ottawa ON	

NPCB	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD LABS AS. P. M. MONTREAL ROAD	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	BUILDING-19/ASPM MONTREAL ROAD	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD; BUILDING -19/ASPM PCB STORAGE M-26 AT M.R.L.	OTTAWA ON	K1A OR6
NPCB	NATIONAL RESEARCH COUNCIL	ASPM; MONTREAL ROAD LABS NRC MONTREAL RD. - IN USE	OTTAWA ON	K1A OR6
NPCB	NATIONAL RESEARCH COUNCIL	BLDG.M19. MONTREAL RD. LABS A.S.P.M. MONTREAL RD	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	Montreal Road Labs A. S. P. M. Montreal Road	Ottawa ON	
NPCB	NATIONAL RESEARCH COUNCIL	A.S.P.M.; BLDG.M19, MONTREAL RD. LABS. NRC MONTREAL RD - PCB STORAGE; M-26	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL CANADA	PLANT ENG. SERVICES BRANCH; BLDG.M19, MONTREAL RD.	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	Bldg. M19 Montreal Rd. Labs A. S. P. M. Montreal Rd	Ottawa ON	
OPCB	NATIONAL RESEARCH COUNCIL CANADA	BUILDING M-51 MONTREAL ROAD	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
PRT	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
REC	GVT. OF CANADA, NATIONAL RES. COUNC.	M51 MONTREAL ROAD	OTTAWA ON	K1A 0R6
RST	MR GAS LTD	HWY 17 ARNPRIOR	OTTAWA ON	K0A 2H0
SPL		at Montreal Rd	Ottawa ON	
SPL	Kiewit Eurovia Vinci	South side of Hwy 174 between Blair and Montreal roads.	Ottawa ON	
SPL	City of Ottawa	S of Regional Road 174	Ottawa ON	
SPL	TEXACO	BULK PLANT BULK STATION	OTTAWA CITY ON	
SPL	Dan Wright Equipment Rentals Ltd.	Montreal Road (East of Hwy 174)	Ottawa ON	
SPL	TEXACO	SHEFFORD RD STORM SEWER OUTFALL PIPELINE	GLOUCESTER CITY ON	
SPL	HYDRO ONE	LOT 16, CONC. 1, FORMER CUMBERLAND TOWNSHIP ROAD ALLOWANCE TRANSFORMER	OTTAWA CITY ON	

SPL	PRIVATE OWNER	SHEFFORD ROAD OPPOSITE 813 SHEFFORD, NEAR CANOTEK MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL		Highway 174 & Montreal Ed, Ottawa	OTTAWA ON
SPL		Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site) <UNOFFICIAL>	Ottawa ON
SPL	OC Transpo<UNOFFICIAL>	On Montreal Road westbound at Hwy 174	Ottawa ON
SPL	City of Ottawa	Hwy 174 westbound	Ottawa ON
WWIS		lot 17	ON
WWIS		Monreal Road at Highway 174	Ottawa ON

Unplottable Report

Site: ***GERALD SAVOIE C/O MONTFORT HOSPITAL***
MONTREAL ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-1184-88-
Application Year:	88
Issue Date:	8/8/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MALHOTRA DEVELOPMENTS INC.-PT.LOT 23/C-1***
MONTREAL RD./STM-WATER MGT. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1791-91-
Application Year:	91
Issue Date:	4/6/1992
Approval Type:	Municipal sewage
Status:	Approved in 1992
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***EDGAR JULES BERNARD MARCIL-PT.LOT 15/C-1***
SHEFFORD RD., STM-WATER MGT. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1252-91-
Application Year:	91
Issue Date:	8/28/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***B. MARCIL - SHEFFORD RD./PLACE VOYAGEUR***
EASEMENT SHEFFORD RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1250-91-

Application Year: 91
Issue Date: 8/13/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***COMMERCE CITY INVESTMENTS LTD.***
CANOTEK RD. STORMWATER MANAGEM GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1453-89-
Application Year: 89
Issue Date: 10/13/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GERALD SAVOIE C/O MONFORT HOSPITAL***
MONTREAL ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1382-88-
Application Year: 88
Issue Date: 8/8/1988
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***
MONTREAL RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1130-86-
Application Year: 86
Issue Date: 8/1/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GLOUCESTER CITY***
SHEFFORD RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0711-87-
Application Year: 87
Issue Date: 5/28/1987
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-ORLEANS RESERVOI***
FOREST RIDGE PS REGIONAL RD.34 GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-1490-87-
Application Year: 87
Issue Date: 7/6/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GLOUCESTER CITY***
SHEFFORD RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0596-87-
Application Year: 87
Issue Date: 5/28/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TDL GROUP LTD., TIM HORTON'S***
MONTREAL RD., BLK.57, RP 4M916 GLOUCESTER ON

Database: ***CA***

Certificate #: 8-4055-98-
Application Year: 98
Issue Date: 4/9/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants:
Emission Control:

Site: ***1146510 ONTARIO INC.***
MONTREAL RD., PT.LOT 25/C-1 OTTAWA CITY ON

Database: ***CA***

Certificate #: 4-0011-96-
Application Year: 96
Issue Date: 2/5/1996
Approval Type: Industrial wastewater
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CONSTRUCT STORMWATER MANAGEMENT FAC.
Contaminants:
Emission Control:

Site: ***CARA OPERATIONS LIMITED***
MONTREAL RD. (HARVEY'S) GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 8-4190-96-
Application Year: 96
Issue Date: 10/24/1996
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST HOODS
Contaminants:
Emission Control:

Site: ***CITY***
RAINBOW ST. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1079-85-006
Application Year: 85
Issue Date: 9/19/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Canotek Road Ottawa ON

Database: ***CA***

Certificate #: 3624-4XNHKB
Application Year: 01

Issue Date: 6/20/01
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Commerce City Investments Limited
Client Address: 1645 Russell Road, Unit #2
Client City: Ottawa
Client Postal Code: K1G 4G5
Project Description: This application is for a Certificate of Approval for stormwater management for two (2) commercial buildings.
Contaminants:
Emission Control:

Site: ***Suncor Energy Products Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2751-78XLN5
Application Year: 2007
Issue Date: 11/19/2007
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REGIONAL MUN. OF OTTAWA-CARLETON***
SHEFFORD RD./RCMP SEW. P.S. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 8-4012-93-
Application Year: 93
Issue Date: 4/19/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: 82HP (61KW) STANDBY DIESEL GENERATOR
Contaminants: Nitrogen Oxides, Sulphur Dioxide
Emission Control: No Controls

Site: ***TACO BELL OF CANADA***
MONTREAL RD., BLKS. 43 & 45 GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 8-4102-94-
Application Year: 94
Issue Date: 8/5/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CONDENSATE & FRYER EXHAUST HOOD
Contaminants: Methane (Incl. Hydrocarbons Expr. As Ch4
Emission Control: No Controls

Site: ***DIRECTOR ST LAURENT REGION***
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9380021	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	385731	***Facility Location:***	
Instance Type:	FS Facility	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Private Fuel Outlet - Self Serve		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: ***DIRECTOR ST LAURENT REGION***
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	10905055	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	50624	***Facility Location:***	
Instance Type:	FS Piping	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			

TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Site: ***DIRECTOR ST LAURENT REGION***
NRC MONTREAL RD BLOCK M39 OTTAWA ON CA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10905039
Status: EXPIRED
Instance ID:
Instance Type:
Instance Creation Dt: 12/13/1990
Instance Install Dt: 12/13/1990
Item Description: FS Liquid Fuel Tank
Manufacturer: NULL
Model: NULL
Serial No: NULL
ULC Standard: NULL
Quantity: 1
Unit of Measure: EA
Overfill Prot Type: NULL
Creation Date: 7/5/2009 1:22:03 AM
Next Periodic Str DT: NULL
Expired Date:
Max Hazard Rank: NULL
Facility Location: NRC MONTREAL RD BLOCK M39 OTTAWA ON CA
Facility Type: FS LIQUID FUEL TANK
Fuel Type 2: NULL
Fuel Type 3: NULL
Panam Related: NULL
Panam Venue Nm: NULL
External Identifier: NULL
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source: FS Liquid Fuel Tank
TSSA Base Sched Cycle 2: NULL
TSSAMax Hazard Rank 1: NULL
TSSA Risk Based Periodic Yn: NULL
TSSA Volume of Directives: NULL
TSSA Periodic Exempt: NULL
TSSA Statutory Interval: NULL
TSSA Recd Insp Interva: NULL
TSSA Recd Tolerance: NULL
TSSA Program Area: NULL
TSSA Program Area 2: NULL
Description: UNDERGROUND TANK
Original Source: EXP
Record Date: 31-JUL-2020

Site: ***Kiewit Eurovia Vinci Ottawa Partnership***
Highway OR174 Ottawa ON K1H 1E1

Database: ***ECA***

Approval No: 6056-BXUQ5B
Approval Date: 2021-02-11
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Kiewit Eurovia Vinci Ottawa Partnership
Address: Highway OR174
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1230-BVYU4P-14.pdf
PDF Site Location:

Site:
Montreal Rd Ottawa ON

Database: ***EHS***

Order No:	20080508039	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/26/2008	***Search Radius (km):***	0.25
Date Received:	5/8/2008	***X:***	-75.619524
Previous Site Name:		***Y:***	1
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos		

Site: ***Database:*** ***EHS***

unknown - on Montreal Road Ottawa ON

Order No:	20020402008	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Complete Report	***Client Prov/State:***	QC
Report Date:	4/11/02	***Search Radius (km):***	0.30
Date Received:	4/2/02	***X:***	-75.660686
Previous Site Name:		***Y:***	45.43591
Lot/Building Size:			
Additional Info Ordered:			

Site: ***DIRECTOR ST LAURENT REGION*** ***Database:*** ***FST***

NRC MONTREAL RD BLOCK M39 OTTAWA ON CA ON

Instance No:	10905039	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:		***Quantity:***	
Item:		***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/13/1990	***Fuel Type3:***	NULL
Install Year:	1983	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	4500	***No Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:	Impressed Current	***Panam Venue:***	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	NRC MONTREAL RD BLOCK M39 OTTAWA ON CA		

Liquid Fuel Tank Details

Overfill Protection:	
Owner Account Name:	DIRECTOR ST LAURENT REGION
Item:	FS LIQUID FUEL TANK

Site: ***NATIONAL RESEARCH COUNCIL CANADA BUILD M 19*** ***Database:*** ***FSTH***

MONTREAL RD BUILDING V-61 OTTAWA ON

License Issue Date:	5/17/1991
Tank Status:	Licensed
Tank Status As Of:	December 2008
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

--Details--

Status:	Active

Year of Installation: 1990
Corrosion Protection:
Capacity: 13638
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: ***NATIONAL RESEARCH COUNCIL CANADA BUILD M 19***
MONTREAL RD BUILDING V-61 OTTAWA ON

Database: ***FSTH***

License Issue Date: 5/17/1991
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: 1990
Corrosion Protection:
Capacity: 13638
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database: ***GEN***

Generator No: ON0144713
SIC Code: 911110
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 212

Waste Class Name: ALIPHATIC SOLVENTS

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

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***City of Otawa***
Montreal Road from Hwy 174 to Ogilvie (including R Ottawa ON

Database: ***GEN***

Generator No: ON7209780
SIC Code: 237110
SIC Description: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON K1A 0K2

Database: ***GEN***

Generator No: ON0144713
SIC Code: 911110
SIC Description: Defence Services
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

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

Waste Class: 242

Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 243
Waste Class Name: PCBS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***Kiewit Eurovia Vinci***
Blair Station Ottawa ON K1J 9L3

Database: ***GEN***

Generator No: ON5797645
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146 L
Waste Class Name: OTHER SPECIFIED INORGANICS

Site: ***Kiewit Eurovia Vinci***
BR04 Ottawa ON K1J7N8

Database: ***GEN***

Generator No: ON2560448
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:

MHSW Facility:

Detail(s)

Waste Class: 146 C
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 150 L
Waste Class Name: INERT INORGANIC WASTES

Site: ***Kiewit Eurovia Vinci***
Intersection of Shefford and East Acres Ottawa ON K1J 6X6

Database: ***GEN***

Generator No: ON5252098
SIC Code:
SIC Description:
Approval Years: As of Jan 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Site: ***Kiewit Eurovia Vinci***
BR04 Ottawa ON K1J7N8

Database: ***GEN***

Generator No: ON2560448
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 150 L
Waste Class Name: Inert organic wastes

Waste Class: 146 C
Waste Class Name: Other specified inorganic sludges, slurries or solids

---

Site: ***Kiewit Eurovia Vinci***
Montreal Rd. and HWY 174 Ottawa ON K1J 0C7

Database: ***GEN***

Generator No: ON5836907
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Site: ***Kiewit Eurovia Vinci***
Intersection of Shefford and East Acres Ottawa ON K1J 6X6

Database: ***GEN***

Generator No: ON5252098
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database: ***GEN***

Generator No: ON0144713
SIC Code: 911110
SIC Description: Defence Services
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

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

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

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

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

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database: ***GEN***

Generator No: ON0144713
SIC Code: 911110
SIC Description: Defence Services
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

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

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 243
Waste Class Name: PCBS

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database: ***GEN***

Generator No: ON0144713
SIC Code: 911110
SIC Description: Defence Services
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 251

Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Site: ***PRATT & WHITNEY CANADA INC.***
M11, NRC CAMPUS MONTREAL ROAD OTTAWA ON

Database: ***GEN***

Generator No: ON0142801
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing
Approval Years: 06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***SPIC & SPAN-VALETOR-CASH CLEANERS 35-136***
MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database: ***GEN***

Generator No: ON0573407
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Site: ***SPIC & SPAN-VALETOR-CASH CLEANERS***
MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database: ***GEN***

Generator No: ON0573407
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS
Approval Years: 86,87,88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Site: ***NATIONAL RESEARCH COUNCIL***
MONTREAL ROAD CAMPUS MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213

Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Name: AMINES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Site: ***NATIONAL RESEARCH COUNCIL 18-107***
MONTREAL ROAD COMPLEX MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Name: AMINES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Site: ***NATIONAL RESEACH COUNCIL 18-107***
MONTREAL ROAD COMPLEX MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 94

PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Name: AMINES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Site: ***NATIONAL RESEARCH COUNCIL***
MONTREAL ROAD COMPLEX MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 92,93,97,99,00
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Name: AMINES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331

Waste Class Name: WASTE COMPRESSED GASES

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

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Site: ***GVT. OF CAN. - NATIONAL RESEARCH COUNCIL, MONTREAL ROAD, COMPLEX M54,M40 MONTREAL ROAD OTTAWA ON K1A 0R6***

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

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

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Site: ***GVT. OF CAN. - NATIONAL RESEARCH COUNCIL, MONTREAL ROAD COMPLEX BUILDING M-54 OTTAWA ON K1A 0R6***

Database: ***GEN***

Generator No: ON0195801
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
Approval Years: 86,87
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Site: ***PUBLIC WORKS CANADA - NATIONAL DEFENCE***
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON K1A 0K2

Database: ***GEN***

Generator No: ON0144713
SIC Code: 8111
SIC Description: DEFENCE SERVICES
Approval Years: 98,99,00,01,02,03,04,05,06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 111
Waste Class Name: SPENT PICKLE LIQUOR

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

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

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

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

Waste Class: 123
Waste Class Name: ALKALINE PHOSPHATES

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

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 232

Waste Class Name: POLYMERIC RESINS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Name: PCB'S

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 265
Waste Class Name: GRAPHIC ART WASTES

Waste Class: 267
Waste Class Name: ORGANIC ACIDS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Site: ***GVT. OF CAN. - PUBLIC WORKS CANADA18-182 MONTREAL RD,BLDG M-23 NRC,CF PHOTO UNIT LAND ENGINEERING TEST ESTABLISHMENT OTTAWA ON***

Database: ***GEN***

Generator No: ON0144713
SIC Code: 8111
SIC Description: DEFENCE SERVICES
Approval Years: 94
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 111
Waste Class Name: SPENT PICKLE LIQUOR

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

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 267
Waste Class Name: ORGANIC ACIDS

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

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

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

Waste Class: 123
Waste Class Name: ALKALINE PHOSPHATES

Site: ***NATIONAL DEFENSE***
NRC MONTREAL ROAD, CAMPUS BLDG. M23 CF PHOTO UNIT OTTAWA ON K1A 0M3

Database: ***GEN***

Generator No: ON0144713
SIC Code: 8111
SIC Description: DEFENCE SERVICES
Approval Years: 92,93,95,96,97
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 111
Waste Class Name: SPENT PICKLE LIQUOR

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

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

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

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

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

Waste Class: 123
Waste Class Name: ALKALINE PHOSPHATES

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 267
Waste Class Name: ORGANIC ACIDS

Site: ***GVT. OF CAN. - PUBLIC WORKS CANADA***
BLDG. SERVICES-NAT'L DEFENCE, LAND ENG. TEST ESTAB'MT,BLDG.M-23,NRC,MONTR'L RD OTTAWA ON K1A 0K5

Database: ***GEN***

Generator No: ON0144713
SIC Code: 8111
SIC Description: DEFENCE SERVICES
Approval Years: 86,87,88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 111
Waste Class Name: SPENT PICKLE LIQUOR

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 267
Waste Class Name: ORGANIC ACIDS

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

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

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

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

Waste Class: 123
Waste Class Name: ALKALINE PHOSPHATES

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Site: ***PRATT & WHITNEY CANADA INC.***
M10-B, NRC CAMPUS MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***GEN***

Generator No: ON0142801
SIC Code: 3211
SIC Description: AIRCRAFT & PARTS IND.
Approval Years: 95,96,97,98,99,00,01,02,03,04,05
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: ***GVT. OF CAN. - NATIONAL DEFENCE***
LETE MONTREAL ROAD OTTAWA ON K1A 0M3

Database: ***GEN***

Generator No: ON0046519
SIC Code: 0000
SIC Description: *** NOT DEFINED ***
Approval Years: 86,87,88,89,90,92,93,94
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Site: ***TEXACO (SEE & USE ON1315710) 37-319***
LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE. OTTAWA ON K1G 3K4

Database: ***GEN***

Generator No:	ON0005279
SIC Code:	5111
SIC Description:	PETROLEUM PROD., WH.
Approval Years:	92,93,94,95,96,97
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Site: ***TEXACO (SEE & USE ON1315710)***
LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE. OTTAWA ON K1G 3K4

Database: ***GEN***

Generator No:	ON0005279
SIC Code:	5111
SIC Description:	PETROLEUM PROD., WH.
Approval Years:	90,98
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Site: ***TEXACO CANADA INC.***
LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE. OTTAWA ON K1G 3K4

Database: ***GEN***

Generator No:	ON0005279
SIC Code:	5111
SIC Description:	PETROLEUM PROD., WH.
Approval Years:	86,87,88,89
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS

Site:
OLD HIGHWAY 17 OTTAWA ON

Database: ***HINC***

External File Num:	FS INC 0708-04538
Fuel Occurrence Type:	
Date of Occurrence:	
Fuel Type Involved:	
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	
Service Interruptions:	
Property Damage:	

Fuel Life Cycle Stage:
Root Cause:
Reported Details: Facility type is not specified. Report of waste oil spill. Non-mandated.
Fuel Category: Unknown
Occurrence Type: Incident
Affiliation: Member of the General Public
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Site: ***City of Ottawa - Clarke Bellinger Stormwater***
Lot 16, 17 & 18, Conc 1, Rideau Front Ottawa ON

Database: ***NCPL***

Year: 2008
Site Name:
Facility Owner:
Discharge Type: Industrial Sewage
Sector: Miscellaneous Industrial
District Area: Ottawa
Type of Concern: CofA/Permit Non-Compliance
Contaminant: ESCHERICHIA COLI
Status Report:

Details

Incident Date: 9/5/2008
Exceedance Start Date: 9/5/2008
Exceedance End Date: 9/16/2008
Limit/Unit/Freq: 100 per 100 mL
Quantity Min/Max: 140/2300
Facility Action: Equipment Modified, Repaired, Replaced or Re-calibrated
Ministry Action: Other Abatement Action Taken

Site: ***NATIONAL RESEARCH COUNCIL***
MONTREAL ROAD LABS AS. P. M. MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***NPCB***

Company Code: O3138A
Industry: NATIONAL RESEARCH COUNCIL
Site Status: FEDERAL FACILITIES (IN USE)
Transaction Date: 2/16/1993
Inspection Date:

--Details--
Label: OR24169
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR44331
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44332
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44333
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44334
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44335
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44336
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR24162
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-55
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24163
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-55
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE

Contents: 803 L

Label: OR24164
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-35
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24165
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-35
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24166
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24172
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 803 L

Label: OR24170
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24167
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24168
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE

Status: IN-USE
Contents: 803 L

Site: ***NATIONAL RESEARCH COUNCIL***
BUILDING-19/ASPM MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***NPCB***

Company Code: O3164
Industry: NATIONAL RESEARCH COUNCIL
Site Status: ITEMS SENT TO SWAN HILLS
Transaction Date: 11/10/1996
Inspection Date:

Site: ***NATIONAL RESEARCH COUNCIL***
MONTREAL ROAD; BUILDING -19/ASPM PCB STORAGE M-26 AT M.R.L. OTTAWA ON K1A OR6

Database: ***NPCB***

Company Code: O3164
Industry: National Research Council
Site Status:
Transaction Date: 2/16/1993
Inspection Date:

Site: ***NATIONAL RESEARCH COUNCIL***
ASPM; MONTREAL ROAD LABS NRC MONTREAL RD. - IN USE OTTAWA ON K1A OR6

Database: ***NPCB***

Company Code: O3138A
Industry: National Research Council
Site Status:
Transaction Date: 2/16/1993
Inspection Date:

--Details--
Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents: 4.50 L

Label:
Serial No.:
PCB Type/Code: Inerteen
Location:
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents: 803.00 L

Site: ***NATIONAL RESEARCH COUNCIL***
BLDG.M19. MONTREAL RD. LABS A.S.P.M. MONTREAL RD OTTAWA ON K1A 0R6

Database: ***NPCB***

Company Code: O3138
Industry: NATIONAL RESEARCH COUNCIL
Site Status: ITEMS SENT TO SWAN HILLS
Transaction Date: 6/15/1999
Inspection Date: 5/5/1993

--Details--

Label: OR14394
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14352
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14356
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14396
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14397
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14398
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14399
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14401
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14353
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14354
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14351
Serial No.: Pallet 1
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 4.5 L

Site: ***NATIONAL RESEARCH COUNCIL***
Montreal Road Labs A. S. P. M. Montreal Road Ottawa ON

Database: ***NPCB***

Company Code: O3138A
Industry: National Research Council
Site Status: In- Use
Transaction Date: 12/18/1991
Inspection Date:

--Details--
Label:
Serial No.:
PCB Type/Code: Askarel/Askarel
Location: BLDG. M- 19
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents:

Label:
Serial No.:
PCB Type/Code: Askarel/Inerteen
Location: BLDG. M- 35
Item/State:

No. of Items:
Manufacturer:
Status: In-Use
Contents:

Label:
Serial No.:
PCB Type/Code: Askarel/Inerteen
Location: BLDG. M- 36
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents:

Label:
Serial No.:
PCB Type/Code: Askarel/Inerteen
Location: BLDG. M- 55
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents:

Site: ***NATIONAL RESEARCH COUNCIL***
A.S.P.M.; BLDG.M19, MONTREAL RD. LABS. NRC MONTREAL RD - PCB STORAGE; M-26 OTTAWA ON K1A 0R6

Database: ***NPCB***

Company Code: O3138
Industry: National Research Council
Site Status:
Transaction Date: 12/29/1994
Inspection Date: 5/5/1993

--Details--
Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 40.00 L

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 50.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 53.00 L

Label:

Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 60.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 65.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 75.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 108.60 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 120.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 132.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 145.00 L

Label:
Serial No.:
PCB Type/Code: Low 50 - 10,000 ppm
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 200.00 L

Label:
Serial No.:
PCB Type/Code: Low 50 - 10,000 ppm
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 205.00 L

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 205.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 236.08 L

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 250.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 252.00 KG

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 256.25 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 282.00 KG

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 300.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 448.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 505.00 L

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 512.50 KG

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 1200.00 L

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

Contents: 0.00 L

Label:
Serial No.:
PCB Type/Code: Inerteen
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 0.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 1.50 L

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 1.88 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 2.00 KG

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 2.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 4.50 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:

Status: Stored for future use
Contents: 4.50 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 5.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents: 6.60 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 6.60 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents: 6.60 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 7.89 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 10.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:

Manufacturer:
Status: Stored for Disposal
Contents: 18.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 18.10 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 20.00 L

Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 40.00 L

Site: ***NATIONAL RESEARCH COUNCIL CANADA***
PLANT ENG. SERVICES BRANCH; BLDG.M19, MONTREAL RD. OTTAWA ON K1A 0R6

Database: ***NPCB***

Company Code: O3138
Industry: National Research Council
Site Status:
Transaction Date: 5/30/1990
Inspection Date:

Site: ***NATIONAL RESEARCH COUNCIL***
Bldg. M19 Montreal Rd. Labs A. S. P. M. Montreal Rd Ottawa ON

Database: ***NPCB***

Company Code: O3138
Industry: National Research Council
Site Status: Stored for Future Use
Transaction Date: 5/5/1993
Inspection Date: 5/5/1993

--Details--
Label:
Serial No.:
PCB Type/Code: Askarel/Askarel
Location: Building M- 51
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents:

Label:
Serial No.:

PCB Type/Code: Askarel/Askarel
Location: BLDG. M- 51
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents:

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

Label:
Serial No.:
PCB Type/Code: Askarel/Askarel
Location: QUONSET HUT M- 19
Item/State:
No. of Items:
Manufacturer:
Status: Stored for future use
Contents:

Label:
Serial No.:
PCB Type/Code: Askarel/Askarel
Location: IN STORAGE BLDG. MRL - 26C
Item/State:
No. of Items:
Manufacturer:
Status: Stored for disposal
Contents:

Site: ***NATIONAL RESEARCH COUNCIL CANADA***
BUILDING M-51 MONTREAL ROAD OTTAWA ON

Database: ***OPCB***

Year: 1992
Site Number: 40288A242
Name Owner:
Additional Site Information:

Site: ***NATIONAL RESEARCH COUNCIL CANADA BUILD M 19***
MONTREAL RD BUILDING V-61 OTTAWA ON

Database: ***PRT***

Location ID: 10892
Type: private
Expiry Date:
Capacity (L): 13638.00
Licence #: 0001041623

Site: ***DIRECTOR ST LAURENT REGION***
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database: ***PRT***

Location ID: 11025
Type: private
Expiry Date:
Capacity (L): 4500.00
Licence #: 0001048775

Site: ***GVT. OF CANADA, NATIONAL RES. COUNC.***
M51 MONTREAL ROAD OTTAWA ON K1A 0R6

Database: ***REC***

ID:		***Province In:***	ON
Company ID:		***Province Out:***	
Receiver No:	RRPCB0830	***County Out:***	
Co Admin:		***Mail Addr:***	
Choice of Contact:		***Site PO Box:***	
Rec Div:			
Rec Op Div:			
Rec Op Name:			
Site Bldg:			
Facility Type:			
Approval Yrs:	1990; 1992; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2006; 2007; 2008		

Site: ***MR GAS LTD***
HWY 17 ARNPRIOR OTTAWA ON K0A 2H0

Database: ***RST***

Headcode:	1186800
Headcode Desc:	Service Stations-Gasoline, Oil & Natural Gas
Phone:	6138322880
List Name:	
Description:	

Site:
at Montreal Rd Ottawa ON

Database: ***SPL***

Ref No:	6503-BKFQDQ	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2020/01/02	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2020/01/02	***Health/Env Conseq:***	0 - No Impact
Dt Document Closed:		***Agency Involved:***	
Site No:	NA		
Facility Name:			
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Hillside Drive<UNOFFICIAL>		
Site Address:	at Montreal Rd		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Event:	Unknown / N/A		
Environment Impact:			
Nature of Impact:			
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:			
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:	12		
Contaminant Name:	GASOLINE		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	1203		
Receiving Medium:			

Receiving Environment: Surface Water
Incident Reason: Unknown / N/A
Incident Summary: CofOttawa: gasoline spill
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: Pollution Hotline Calls
Source Type: Unknown / N/A

Site: ***Kiewit Eurovia Vinci***
South side of Hwy 174 between Blair and Montreal roads. Ottawa ON

Database: ***SPL***

Ref No: 7158-BJWKWR
Year:
Incident Dt: 2019/12/12
Dt MOE Arvl on Scn:
MOE Reported Dt: 2019/12/16
Dt Document Closed:
Site No: NA
Facility Name:
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: LRT Phase 2<UNOFFICIAL>
Site Address: South side of Hwy 174 between Blair and Montreal roads.
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event: Overflow/Surcharge
Environment Impact:
Nature of Impact:
Contaminant Qty: 5 L
System Facility Address:
Client Name: Kiewit Eurovia Vinci
Client Type: Corporation
Call Report Locatn Geodata:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1: none
Contaminant UN No 1: 1202
Receiving Medium:
Receiving Environment: Land
Incident Reason: Operator/Human Error
Incident Summary: Lafarge-5L Diesel Spill, Cleaned
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Industrial
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type: Tank - Above Ground

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

Site: ***City of Ottawa***
S of Regional Road 174 Ottawa ON

Database: ***SPL***

Ref No: 4531-9XBM6J
Year:

Municipality No:
Nature of Damage:

Incident Dt:	6/2/2015	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	6/9/2015	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No: NA
Facility Name:
MOE Response: N
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Blair Road<UNOFFICIAL>
Site Address: S of Regional Road 174
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Leak/Break
Incident Event:
Environment Impact:
Nature of Impact: Land
Contaminant Qty: 24 m^3
System Facility Address:
Client Name: City of Ottawa
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 99
Contaminant Name: WATER (HIGH CHLORINE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Equipment Failure
Incident Summary: Ottawa chlorinated water to ground
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Land Spills
Source Type:

Site: ***TEXACO***
BULK PLANT BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	14969	***Municipality No:***	20101
Year:		***Nature of Damage:***	
Incident Dt:	2/18/1989	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2/18/1989	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:

Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Environment Impact:
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: TEXACO - 800 LTR. DIESEL TO CONCRETE AT BULK PLANTCONTAINED.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: ***Dan Wright Equipment Rentals Ltd.***
Montreal Road (East of Hwy 174) Ottawa ON

Database: ***SPL***

Ref No: 2712-7X7NMY
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/26/2009
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Leaky Sewage Truck<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Other Discharges
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Other Impact(s); Surface Water Pollution
Contaminant Qty: 3800 L
System Facility Address:
Client Name: Dan Wright Equipment Rentals Ltd.
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason:
Incident Summary: Manotick Pumping: 1000 gallons Raw Sewage to Ditch, cln
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Motor Vehicle
SAC Action Class: Watercourse Spills
Source Type:

Site: ***TEXACO***
SHEFFORD RD STORM SEWER OUTFALL PIPELINE GLOUCESTER CITY ON

Database: ***SPL***

Ref No: 19786
Year:
Incident Dt: 10/27/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/27/1988
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: GLOUCESTER CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Receiving Environment:
Incident Reason: OTHER
Incident Summary: BACKENTRY - TEXACO OIL FROM PREVIOUS SPILL WASHING INTO SEWER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Municipality No: 20105
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Site: ***HYDRO ONE***
LOT 16, CONC. 1, FORMER CUMBERLAND TOWNSHIP ROAD ALLOWANCE TRANSFORMER OTTAWA CITY ON

Database: ***SPL***

Ref No:	203120	***Municipality No:***	20107
Year:		***Nature of Damage:***	
Incident Dt:	6/11/2001	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	6/11/2001	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
Facility Name:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Event:			
Environment Impact:	Possible		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Receiving Environment:			
Incident Reason:	OTHER		
Incident Summary:	HYDRO ONE: SPILL OF TWO LITRES OF NON-PCB MINERALOIL TO GROUND-CLEANED.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:			

Site: ***PRIVATE OWNER***
SHEFFORD ROAD OPPOSITE 813 SHEFFORD, NEAR CANOTEK MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	223985	***Municipality No:***	20107
Year:		***Nature of Damage:***	
Incident Dt:	4/13/2002	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/13/2002	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
Facility Name:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			

Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: ERROR
Incident Summary: JOHN SWEEPINGS: STREET SWEEPER SANK, FUEL SPILL DIESEL TO GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site:
Highway 174 & Montreal Ed, Ottawa OTTAWA ON

Database: ***SPL***

Ref No: 1-1321NU
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/10/2021 4:39:58 PM
Dt Document Closed: 11/10/2021 10:09:44 AM
Site No:
Facility Name:
MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: Highway 174 & Montreal Ed, Ottawa
Site Region:
Site Municipality: OTTAWA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event:
Environment Impact: 1 Minor Impact
Nature of Impact:
Contaminant Qty: 0 litre (L)

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:

System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata: {"integration_ids":["PR00004313181"],"wkts":["POINT (-120.9685907000 39.1585481000)","POINT (-75.3472271000 45.3383333000)"],"creation_date":"2021-08-10"}
Contaminant Code:
Contaminant Name: SEWAGE, RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: KEV: spill of sewage in excavation
Activity Preceding Spill:
Property 2nd Watershed: Lower Ottawa
Property Tertiary Watershed: 02LB-Lower Ottawa - South Nation
Sector Type:
SAC Action Class:
Source Type: Sewer (Private or Municipal)

Site: ***Database:*** ***SPL***

Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site)<UNOFFICIAL> Ottawa ON

Ref No: 6723-75LPCT
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/30/2007
Dt Document Closed: 8/30/2007
Site No:
Facility Name:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Hwy 17 where crosses South Indian Creek
Site Address:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Contaminant Qty: 0.5 L
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Water
Receiving Environment:
Incident Reason:
Incident Summary: Dufferin Construction: 0.5 L hyd. oil to South Indian Creek
Activity Preceding Spill:
Property 2nd Watershed:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Oil
Health/Env Conseq:
Agency Involved:

Property Tertiary Watershed:
Sector Type: Other
SAC Action Class:
Source Type:

Site: ***OC Transpo<UNOFFICIAL>***
On Montreal Road westbound at Hwy 174 Ottawa ON

Database: ***SPL***

Ref No: 5566-65YJRS
Year:
Incident Dt: 10/21/2004
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/21/2004
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: BUS<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Other Impact(s)
Contaminant Qty: 20 L
System Facility Address:
Client Name: OC Transpo<UNOFFICIAL>
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Unknown - Reason not determined
Incident Summary: OC Transpo: 20L coolant to road, cln
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class:
Source Type:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Chemical
Health/Env Conseq:
Agency Involved:

Site: ***City of Ottawa***
Hwy 174 westbound Ottawa ON

Database: ***SPL***

Ref No: 1861-72DJ2M
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/18/2007
Dt Document Closed: 5/3/2007
Site No:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Chemicals
Health/Env Conseq:
Agency Involved:

Facility Name:	
MOE Response:	No Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	OC Transpo vehicle, Hwy 174 westbound<UNOFFICIAL>
Site Address:	
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Other Discharges
Incident Event:	
Environment Impact:	Not Anticipated
Nature of Impact:	Soil Contamination
Contaminant Qty:	20 L
System Facility Address:	
Client Name:	City of Ottawa
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	27
Contaminant Name:	COOLANT (N.O.S.)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Receiving Environment:	
Incident Reason:	Spill
Incident Summary:	OC Transpo: 15-20 L antifreeze to roadway
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Other Motor Vehicle
SAC Action Class:	
Source Type:	

Site:
lot 17 ON

Database:
WWIS

Well ID:	1522714	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	10/25/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	18396	***Contractor:***	3644
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	017
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: 10044524
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/09/1988
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931052372
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052371
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052373
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 26.0

Formation End Depth: 64.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522714
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593094
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077863
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077864
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 64.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991522714
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111043
Test Type:
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656263
Test Type:
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386887
Test Type:
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905080
Test Type:
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933480713
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

Site:

Monreal Road at Highway 174 Ottawa ON

Database: ***WWIS***

Well ID: 7338526
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z191669
Tag: A267506
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality:
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/29/2019
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7328
Form Version: 7
Owner:
County:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1007565616
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/13/2019
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008004133
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.399999618530273
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008004677
Layer: 1
Plug From: 3.6600000858306885
Plug To: 8.5
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1008005568
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 1008002658
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008006065
Layer: 1
Material: 5
Open Hole or Material: PLASTIC

Depth From: 0.0
Depth To: 9.100000381469727
Casing Diameter: 5.079999923706055
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008006206
Layer: 1
Slot: 10
Screen Top Depth: 9.100000381469727
Screen End Depth: 12.199999809265137
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.880000114440918

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008006967
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
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:

Water Details

Water ID: 1008006586
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 2.0399999618530273
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1008005214
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 24.399999618530273
Hole Depth UOM: m
Hole Diameter UOM: cm

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Mar 2022

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-Oct 31, 2023

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 2022

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: Feb 28, 2022

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-Oct 31, 2023

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 -Aug 2023

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-Sep 2023

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Oct 31, 2023

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Aug 2023

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: Feb 28, 2022

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- Oct 31, 2023

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 - Oct 31, 2023

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- Oct 31, 2023

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-Sep 30, 2023

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: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

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: Feb 28, 2022

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 2023

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: Oct 31, 2021

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: Feb 28, 2022

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-Oct 31, 2022

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 2020

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 in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

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: Mar 21, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2023

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, 2021

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-Oct 2022

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-Jun 30, 2021

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 1993-2020: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

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, 2023

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-Aug 2023

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 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 - Oct 31, 2023

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- Oct 31, 2023

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 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: Feb 28, 2021

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Oct 31, 2023

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: 1986-1990, 1992-2021

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-Oct 2023

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Oct 31, 2023

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 by 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in February, March, May, June-November 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Dec 2021; see description

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

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 - Apr 2023

Variances 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: Feb 28, 2022

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-Oct 31, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX V:

GOVERNMENT AND REGULATORY INFORMATION

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

10 January 2024

Jeffery Murray
Terrapex Environmental
1 – 20 Gurdwara Road
Ottawa, ON K2R 8B3

Subject: **2180 Montreal Road, Ottawa, Ontario**
Your File No.: **N/A**
WO No.: **14191672**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted address.

Requested records relating to the following Program(s) were located:

Program	Record	Documents Attached
Fuels Safety	☒	☐
Boiler/Pressure Vessel**	☐	☐
Elevating & Amusement Devices	☐	☐
Other	☐	☐

**For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

C. Hill

Connie Hill
Public Information Services Agent

Limitations and Notices:

General:

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide existing records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

Please Note: *While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.*

Change of Ownership

Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at www.tssa.org under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

TSSA Fuels Safety:

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.
- Be advised, TSSA Fuels Safety Division did not register:
    - private fuel underground/ aboveground storage tanks prior to January of 1990; and
    - furnace oil tanks prior to May 1, 2002.
- If records being released to you relate to private fuel outlets ("**PFOs**") or fuel oil furnace tanks, please note the following:
    - PFOs are defined in O. Reg. 217/01 (Liquid Fuels), where "private outlet" means "any premise, other than a retail outlet, where gasoline or an associated product is put into the fuel tanks of motor vehicles or floating motorized watercraft or into portable containers". After 2001, PFOs were no longer required to be licenced in Ontario. Thus, TSSA's records and information regarding PFOs is dated and unverified.
    - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the

registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.

- Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA's Access and Privacy Code, the TSSA cautions against reliance on this information.

- In particular, because PFOs do not require a license and there is no requirement to submit any documentation to TSSA for review or approval, TSSA has limited information on these facilities. The TSSA cautions that any information provided may be inaccurate, incomplete, or out of date.

- Fuels Safety Division <u>does not register</u>

  - private waste oil tanks in apartments, office buildings, residences etc.; and

  - aboveground gas or diesel tanks.

- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

TSSA Elevating & Amusement Devices Program Notice:

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit. Compliance is the responsibility of the owner or operator of the device.

- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.

- Each report shows the details and date of the inspection conducted by TSSA at the requested location

- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were subject to a "grandfathering-in" clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

Federal Elevators

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA's provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA's Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA's administration of the Act. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the Act, and outside of the scope of the TSSA's Access and Privacy Codes.

Indigenous Lands

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA's mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA's Access and Privacy Code does not apply to indigenous lands.

TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.

- **Inspection reports may not be submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.

- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.

- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.

51465127 - Saved
TSSA Inventory Group

General | Associated Customer Inventories | Related

Main Information

Name	51465127	Parent Inventory Group	---
Account *	SUNCOR ENERGY PRODUCTS PARTNERSHIP	Has Child Inventory Groups	No
Account Site *	(Site)	Program *	Fuels Safety
Site Name	(Site)	Group Category	Liquid Fuels
Site Purposes *	Installed	Group Sub Category	FS Gasoline Station - Self Serve
Site *	2180 MONTREAL RD, OTTAWA, ON, K1J 1G4, Canada	Status Reason	Active
Owner *	# OASIS R2 Data Migration		
Mobile or Stationary	Stationary		
Authorization Required	Yes		
Requires Periodic Inspection	Yes		
Mandated / Non-Mandated	Mandated		

Capacity and Additional Information

Total Capacity (L)	200,000

Or Installed Base

Navigator Favorites Home Profile Sign Out Help

Item Instances

Item Instances | Transactions | Systems

Quick Find Item Instance Go Advanced Search

Logged In As CHILL

- General
- Additional Attributes
- Assets
- Party Relationships
  - Owner
  - Parties
  - Accounts
  - Contacts
  - Summary
- Pricing
- Counters
- Contracts
- Notes
- Transactions
- Service Requests
- Repair Orders
- History
- Operating Units
- Configuration

Item Instance Details

Item Instance: 10225936
Item: FS GASOLINE STATION - SPLIT SERVE
Item Description: FS Gasoline Station - Split Serve

General Attributes

Organization Name	TSSA Item Master	Instance Name	
Last Version Label	1	Version Label Date	19-JUL-2000 20:15
Revision		New Version Label	
System	Go	External Reference	
Item Instance Type		Accounting Classification	Customer Product
Operational Status	Not Used	Lot Number	: not lot-controlled
Status	EXPIRED	Condition	
Quantity	1	UOM	Each
Start Date	19-JUL-2000	Start Time	20:15
Shipped On Date		Shipped On Time	
End Date	29-AUG-2001	End Time	0:00
Return By Date		Return By Time	
Actual Return Date		Actual Return Time	

* Indicates required field.
Time format is HH24:MM
Note: You do not have permission to make updates in this page.

☑ Creation Completed

Owner

Party Type: Party
Party Name: 1135013 ONTARIO INC
Party Number: 7701
Account Number: 2054
Account Name: 1135013 ONTARIO INC

Current Location

* Type: Party Site Go
Party Name: 1135013 ONTARIO Go
Party Number: 7701 Go
*Line 1: 2180 MONTREAL R Go
Site Number: 5778 Go
Address: 2180 MONTREAL RD
GLOUCESTER, K1J 1G4, CA

Installed At

Installed Date 19-JUL-2000 Installed Time 20:15

Time format is HH24:MM

Change in installed date does not change contract date.

Type Go

Order

Sales Order Number

Sales Order Date

Sales Order Line

Purchase Order Number

Agreement Name

Item Flags

- [x] BOM Enabled
- [x] IB Trackable
- [ ] Inventory Trackable
- [x] Sellable
- [ ] Shippable

Item Views

- [ ] Merchant
- [x] Customer

Descriptive Flexfields

Context Value FS Facility

Select Context Value and click 'Go' to show relevant fields.

Facility Type 2

Facility Type 3

Total Capacity - Liquid Fuel Tanks (L)

Total Capacity - Propane Tank s (USWG)

* Previous Facility Type

Previous Instance Number

Copyright 2006, Oracle Corporation. All rights reserved.

51485722 - Saved

Customer Inventory FS

General | Related

Inventory	51485722	Name *	51485722
Asset Class *	FS Liquid Fuel		
Asset Type	FS Liquid Fuel Tank		
Status Reason Code *	Active		

Fuel Type *	Diesel	Corrosion Protection	Fiberglass
Fuel Type 2	---	Overfill Protection Type	---
Fuel Type 3	---	Installation Year	2007
Capacity (L) *	25,000	ULC Standard	---
Tank Type *	Double Wall UST	Manufacturer	---
Tank Material	Fiberglass (FRP)	Model	---
		Serial Number	---
		Description	2009VBS

51485660 - Saved
Customer Inventory FS

General Related

Inventory	51485660	Name *	51485660
Asset Class *	FS Liquid Fuel		
Asset Type	FS Liquid Fuel Tank		
Status Reason Code *	Active		

Fuel Type *	Diesel	Corrosion Protection	Fiberglass
Fuel Type 2	---	Overfill Protection Type	---
Fuel Type 3	---	Installation Year	2007
Capacity (L) *	25,000	ULC Standard	---
Tank Type *	Double Wall UST	Manufacturer	---
Tank Material	Fiberglass (FRP)	Model	---
		Serial Number	---
		Description	2009VBS

11547887 - Saved
Customer Inventory FS

General Related

Inventory	11547887	Name *	11547887
Asset Class *	FS Liquid Fuel		
Asset Type	FS Liquid Fuel Tank		
Status Reason Code *	Active		

Fuel Type *	Gasoline	Corrosion Protection	Fiberglass
Fuel Type 2	---	Overfill Protection Type	---
Fuel Type 3	---	Installation Year	1998
Capacity (L) *	50,000	ULC Standard	---
Tank Type *	Double Wall UST	Manufacturer	---
Tank Material	Fiberglass (FRP)	Model	---
		Serial Number	---
		Description	2009VBS REGULAR

11547868 - Saved

Customer Inventory FS

General Related

Inventory	11547868	Name *	11547868
Asset Class *	FS Liquid Fuel		
Asset Type	FS Liquid Fuel Tank		
Status Reason Code *	Active		

Fuel Type *	Gasoline	Corrosion Protection	Fiberglass
Fuel Type 2	---	Overfill Protection Type	---
Fuel Type 3	---	Installation Year	1998
Capacity (L) *	50,000	ULC Standard	---
Tank Type *	Double Wall UST	Manufacturer	---
Tank Material	Fiberglass (FRP)	Model	---
		Serial Number	---
		Description	2009VBS REGULAR

11547843 - Saved
Customer Inventory FS

General Related

Inventory	11547843	Name *	11547843
Asset Class *	FS Liquid Fuel		
Asset Type	FS Liquid Fuel Tank		
Status Reason Code *	Active		

Fuel Type *	Gasoline	Corrosion Protection	Fiberglass
Fuel Type 2	---	Overfill Protection Type	---
Fuel Type 3	---	Installation Year	1998
Capacity (L) *	50,000	ULC Standard	---
Tank Type *	Double Wall UST	Manufacturer	---
Tank Material	Fiberglass (FRP)	Model	---
		Serial Number	---
		Description	2009VBS ULTRA

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**3169366**
Inspection Report #	**9236896**

Inspection Address: **2180 MONTREAL RD** **GLOUCESTER;ON** **CA K1J 1G4**	Reference Number(s): **000394263**	Inspection Completion Date: **FEB 02, 2022**
	Facility Type: **FS Cylinder Exchange**	Equipment Type:
Customer Name and Address: **2640754 ONTARIO INC** **3638 COUNTY RD 16** **FOURNIER;ON** **CA K0B 1G0**	Task Type: FS-Unscheduled Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Task Notes

FIND ATTACHED YOUR COPY OF THE FUEL SAFETY INSPECTION ON FEB 3 2022 SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422

ATTEND SITE AND VERIFY CAGE IS IN COMPLIANCE. LICENCE IN ORDER AND POSTED ALL SIGNAGE IN PLACE ALL DISTANCES COMPLIANT AT TIME OF INSPECTION

Standard Notes

TSSA inspected the above mentioned location and did not find any non-compliances at the time of inspection.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-297-7422
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 000-000-0000

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**3144210**
Inspection Report #	**9201133**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **JAN 31, 2022**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Periodic LF Inspection **The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.**	

Orders Issued To: SUNCOR ENERGY PRODUCTS PARTNERSHIP:

Line	Reference and Order(s)	Compliance Date
919910-1	Liquid Fuels Handling Code 2017 Clause 4.6.9 - Shear valves and leak detection systems shall be maintained and tested at least once per year or in accordance with the manufacturer's instructions and a written record of the maintenance and testing shall be retained. TEST RESULTS NOT ON SITE AT TIME OF INSPECTION. IF TEST IS IN DATE SEND TO DNORMAN@TSSA.ORG.. IF NOT HAVE TEST COMPLETED AND SEND RESULTS WHEN COMPLETE BY COMPLIANCE DATE. You are hereby ordered to comply with clause 4.6.9 of the Liquid Fuels Handling Code 2017 and provide a written record of the maintenance and testing of the shear valves and leak detection system.	APR 01, 2022

Task Notes

FIND ATTACHED YOUR COPY OF THE FUEL SAFETY INSPECTION ON JANUARY 31 2022. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422
ALL TRAVEL, SITE INSPECTION, REVIEW OF PREVIOUS ORDERS, AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY.
Pursuant to my authority under section 21(1) I order you to comply with the above order!

ON SITE FOR REGULAR AUDIT IB SHOWS D/W EQUIPMENT SIGNAGE AND FIRE EQUIPMENT UP TO DATE. ALL HOSES GOOD SUMPS DRY NO CRACKS OR SPLITS AND SENSORS ON THE BOTTOM. ORDERS ISSUED

Standard Notes

Every person who,(a) contravenes or fails to comply with any provision of this Act, the regulations or a Minister's order;(b) knowingly makes a false statement or furnishes false information under this Act, the regulations or a Minister's order;(c) contravenes or fails to comply with a term or condition of an authorization;(d) contravenes or fails to comply with an order or requirement of an inspector or obstructs an inspector,is guilty of an offence and on conviction is liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year, or to both, or, if the person is a body corporate, to a fine of not more than $1,000,000.(Technical Standards and Safety Act, 2000, Section 37 (1))

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-297-7422
Report Received By: cbujarsky@suncor.com	**Customer Contact Number:** 1-613-727 8056	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 000-000-0000

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**3144210**
Inspection Report #	**9201133**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **JAN 31, 2022**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Periodic LF Inspection	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-297-7422
Report Received By: cbujarsky@suncor.com	**Customer Contact Number:** 1-613-727 8056	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 000-000-0000

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**2463346**
Inspection Report #	**7731002**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **JUL 19, 2019**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Orders Issued To: SUNCOR ENERGY PRODUCTS PARTNERSHIP

Task Notes

On June 27, 2019 Phil Costa sent the signed off report that all work had been completed at the site.

Closed July 19, 2019

TSSA's time involved with this inspection will be billed to the above named client in the form of cost recovery fees by authority of Section 19 of the TSSAct, 2011 and according to TSSA billing policy

Customer Signature & Position / Date:		**Inspector Name:** Hutchinson, Mark	**Inspector Contact Number:** 613-537-9963
Report Received By: SUNCOR ENERGY PRODUCTS PARTNERSHIP	**Customer Contact Number:** lcocchio@suncor.com	**Inspector Email**: mhutchinson@tssa.org	**Inspector Fax**: 613-537-5236

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.

(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**2463346**
Inspection Report #	**7592809**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAR 15, 2019**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Periodic LF Inspection **The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.**	

Orders Issued To: SUNCOR ENERGY PRODUCTS PARTNERSHIP

Line	Reference and Order(s)	Compliance Date
848707-1	Liquid Fuels Handling Code 2017 Clause 1.3.3 Dispensers at dispensing facilities, highway tank loading and unloading areas, underground storage tank fill pipe and gauge pipe locations, and any areas where handling operations occur shall be kept clean and free of ground vegetation and combustible materials. NOTE: In the Periodic inspection done at 2180 Montreal Road in Ottawa on March 14, 2019 the following was revealed. THE SPILL CAN ON THE PREMIUM HAS PRODUCT IN IT. Pursuant to my authority under section 21(2) of the Technical Standards and Safety Act, 2000, S.O. 2000, as the (person, corporation, company, party) with the authority to correct the contravention, I order you to have a persons REMOVE THE PRODUCT FROM THE PREMIUM SUMP by the compliance date as given. Issued on March 15, 2019	JUN 30, 2019
848707-2	Liquid Fuels Handling Code 2017 Clause 1.3.4 Every retail outlet, marina, private outlet, bulk plant, and highway tank shall be maintained in a safe operating condition by the authorization holder and shall be operated safely. Any defective equipment or component shall be repaired or replaced. NOTE: In the Periodic inspection done at 2180 Montreal Road in Ottawa on March 14, 2019 the following was revealed. THE DISPENSER # 11 AND #4 AND # 2 HAVE SLIGHT PRODUCT IN THE SUMPS. Pursuant to my authority under section 21(2) of the Technical Standards and Safety Act, 2000, S.O. 2000, as the (person, corporation, company, party) with the authority to correct the contravention, I order you to have a persons REMOVE THE PRODUCT AND DETERMINE THE SOURCE by the compliance date as given. Issued on March 15, 2019	JUN 30, 2019
848707-3	Liquid Fuels Handling Code 2017 Clause 4.6.9 Shear valves and leak detection systems shall be maintained and tested at least once per year or in accordance with the manufacturer's instructions and a written record of the maintenance and testing shall be retained. NOTE: In the Periodic inspection done at 2180 Montreal Road in Ottawa on March 14, 2019 the following was revealed. THE SITE SHALL PROVIDE PROOF OF SHEAR VALVE AND LEAK DETECTION SYSTEM TESTING.	JUN 30, 2019

Customer Signature & Position / Date:		**Inspector Name:** Hutchinson, Mark	**Inspector Contact Number:** 613-537-9963
Report Received By: SUNCOR ENERGY PRODUCTS PARTNERSHIP	**Customer Contact Number:** lcocchio@suncor.com	**Inspector Email**: mhutchinson@tssa.org	**Inspector Fax**: 613-537-5236

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**2463346**
Inspection Report #	**7592809**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAR 15, 2019**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Periodic LF Inspection **The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.**	

	Pursuant to my authority under section 21(2) of the Technical Standards and Safety Act, 2000, S.O. 2000, as the (person, corporation, company, party) with the authority to correct the contravention, I order you to have a persons PROVIDE PROOF OF SHEAR VALVE AND LEAK DETECTION SYSTEM TESTING by the compliance date as given. Issued on March 15, 2019	

Task Notes

In the Periodic inspection done at 2180 Montreal Road in Ottawa on March 14, 2019 the following was revealed as stated in the orders.

Please have your contractor perform the work as required and provide proof of compliance back to the inspector by the compliance date.

NOTICE: please return by txt or email as I no longer have a fax service.

NOTE: for clarity the work to be done is in BOLD print.

mhutchinson@tssa.org

613-222-5188
The site shall provide proof of compliance by the date shown and if additional time is required the site shall request so in writing with the reason and proposed date for compliance to the inspector. mhutchinson@tssa.org.
TSSA's time involved with this inspection will be billed to the above named client in the form of cost recovery fees by authority of Section 19 of the TSSAct, 2011 and according to TSSA billing policy.

Pursuant to my authority under section 21 of the TSSAct, 2011, you are hereby ordered to comply with the above orders forthwith.

NOTE: on December 17, 2018 the site inspection was done at 7906 Hwy 15 Carelton Place for its periodic gas station inspection where the following was revealed as stated in these orders.

The actions to be taken have been typed in bold print.

please have your contractor sign off on all work while they are on site.

Retain all testing reports in a binder on site for inspector review in future inspections.

Customer Signature & Position / Date:		**Inspector Name:** Hutchinson, Mark	**Inspector Contact Number:** 613-537-9963
Report Received By: SUNCOR ENERGY PRODUCTS PARTNERSHIP	**Customer Contact Number:** lcocchio@suncor.com	**Inspector Email**: mhutchinson@tssa.org	**Inspector Fax**: 613-537-5236

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**2463346**
Inspection Report #	**7592809**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAR 15, 2019**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **2489 NORTH SHERIDAN WAY** **MISSISSAUGA;ON** **CA L5K 1A8**	Task Type: FS-Periodic LF Inspection	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Hutchinson, Mark	**Inspector Contact Number:** 613-537-9963
Report Received By: SUNCOR ENERGY PRODUCTS PARTNERSHIP	**Customer Contact Number:** lcocchio@suncor.com	**Inspector Email**: mhutchinson@tssa.org	**Inspector Fax**: 613-537-5236

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1824922**
Inspection Report #	**6096966**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAY 25, 2016**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Mod Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Line	Reference and Order(s)	Compliance Date
737947-2	Liquid Fuels Handling Code 2007. 4.5.2.6 An under-dispenser sump shall be leak tight and equipped with a liquid sensor that will signal the attendant and shut down the dispenser when any product or high level of liquid is present in the sump. ALL SUMPS SHALL BE INSPECTED AND BE MADE LEAK TIGHT AS PER CODE. SOME OF THE BOOTS RIPPED AND MUST BE REPAIRE OR REPLACED.	MAY 21, 2016

Task Notes

FIND ATTACHED YOUR COPY OF THE¬¬ FUEL SAFETY INSPECTION ON MAY 25 2016. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422
If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-877-682-TSSA (8772)or customerservices@tssa.org

TRAVEL, SITE INSPECTION DOCUMENTATION AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY
This inspector has no control over billing

2180 MONTREAL RD,,, SECEND HALF TANK SUMPS
20 DEGREES AND OVERCAST
ATTENDED SITE 8:00 AM START PICS 8:06 PRESSURE ON WHEN ARRIVED INSPECTOR WAS ON SITE FOR ENTIRE TEST FINISH PICS TAKEN AT 10:07 ALL PRESSURES HELD NO GAIN OR LOSS OF PRESSURE TEST HAS PASSED SITE MAY PROCEED TO FINAL.
FIND ATTACHED YOUR COPY OF THE¬¬ FUEL SAFETY INSPECTION ON 19 MAY 2016. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422
If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-877-682-TSSA (8772)or customerservices@tssa.org
+++=
TRAVEL, SITE INSPECTION DOCUMENTATION AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY
This inspector has no control over billing.

2180 MONTREAL RD,OTTAWA SR 1824922 MAY 19 2016
ATTTENDED SITE FOR PRESSURE AND SUMP TESTS 9:00 AM 95 KLMS STARTING PICS TAKEN AT 9:01 COMPANY ON SITE ECS TEC ON SITE ROLAND CARRE PM H 2 CERT # 000190391 EXP SEPT 2017. THIS SITE IS GOING TO BE WITNESSD IN 2 PARTS DUE TO THE PUSH FOR CANAPY WORK. INSPECTOR ON SITE FOR ENTIRE TEST. ALL PRESSURES REMAINED UN CHANGED NO. PLUS OR MINUS. ALL SUMPS HELD WITHOUT SHOWING LEAKS. FINISH PICS TAKEN AT 10:10 SITE MAY BACKFILL PORTION UNDER THE CANOPY AND PROCEED TO TANK END.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1824922**
Inspection Report #	**6096966**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAY 25, 2016**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Mod Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1824922**
Inspection Report #	**6096966**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000254529**	Inspection Completion Date: **MAY 19, 2016**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Mod Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Task Notes

FIND ATTACHED YOUR COPY OF THE¬¬ FUEL SAFETY INSPECTION ON 19 MAY 2016. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422
If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-877-682-TSSA (8772)or customerservices@tssa.org
+++=
TRAVEL, SITE INSPECTION DOCUMENTATION AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY
This inspector has no control over billing.

2180 MONTREAL RD,OTTAWA SR 1824922 MAY 19 2016
ATTTENDED SITE FOR PRESSURE AND SUMP TESTS 9:00 AM 95 KLMS STARTING PICS TAKEN AT 9:01 COMPANY ON SITE ECS TEC ON SITE ROLAND CARRE PM H 2 CERT # 000190391 EXP SEPT 2017. THIS SITE IS GOING TO BE WITNESSD IN 2 PARTS DUE TO THE PUSH FOR CANAPY WORK. INSPECTOR ON SITE FOR ENTIRE TEST. ALL PRESSURES REMAINED UN CHANGED NO. PLUS OR MINUS. ALL SUMPS HELD WITHOUT SHOWING LEAKS. FINISH PICS TAKEN AT 10:10 SITE MAY BACKFILL PORTION UNDER THE CANOPY AND PROCEED TO TANK END.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5949339**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **DEC 02, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Orders Issued To: SUNCOR ENERGY PRODUCTS PARTNERSHIP

Line	Reference and Order(s)	Compliance Date
737947-2	Liquid Fuels Handling Code 2007. 4.5.2.6 An under-dispenser sump shall be leak tight and equipped with a liquid sensor that will signal the attendant and shut down the dispenser when any product or high level of liquid is present in the sump. ALL SUMPS SHALL BE INSPECTED AND BE MADE LEAK TIGHT AS PER CODE. SOME OF THE BOOTS RIPPED AND MUST BE REPAIRE OR REPLACED.	JAN 31, 2016

Task Notes

FIND ATTACHED YOUR COPY OF THE¬¬ FUEL SAFETY INSPECTION ON DECEMBER 3 2015. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422
If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-877-682-TSSA (8772)or customerservices@tssa.org

ALL TRAVEL, SITE INSPECTION, REVIEW OF PREVIOUS ORDERS, DOCUMENTATION AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY ON NON-COMPLIANCE.
This inspector has no control over billing.

THIS REPORT ISFOR NON COMPLIANCE AUDIT.
INSPECTOR HAS ISSUED TIME SENSITIVE INSTRUCTIONS.

YOU ARE ORDERED TO COMPLY WITH THE ABOVE INSTRUCTIONS BY COMPLIANCE DATE AS PER Section 19 of the TSSAct, 2000!

ALL PETROLEUM WORK TO BE COMPLETED BY A LICENSED PETROLEUM MECHANIC!
Every person who,(a) contravenes or fails to comply with any provision of this Act, the regulations or a Minister's order;(b) knowingly makes a false statement or furnishes false information under this Act, the regulations or a Minister's order;(c) contravenes or fails to comply with a term or condition of an authorization;(d) contravenes or fails to comply with an order or requirement of an inspector or obstructs an inspector,is guilty of an offence and on conviction is liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year, or to both, or, if the person is a body corporate, to a fine of not more than $1,000,000.(Technical Standards and Safety Act, 2000, Section 37 (1))

Standard Notes

This Inspection Report contains Inspector's Orders with a compliance date(s) and is eligible for Declaration of Compliance. Documented proof that the order(s) have been complied with before the compliance date must be submitted to TSSA This documented proof shall include, but is not limited to, any of the following where applicable: Photocopies of Licenses, Certificates, Registrations, Invoices, and/or Work Orders, Photographs, and Name, Certificate number, and Signature (where applicable) of the person who has performed the corrective action.
YOU MUST EXERCISE THIS OPTION TO AVOID A FOLLOW UP INSPECTION AND THE ASSOCIATED FEES WHICH WILL RESULT.
Reporting requirements are as follows:

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By: EXPRESS POST LT 583 316 579 CA	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5949339**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **DEC 02, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

1. All Inspector's Orders (directives) appearing on the inspection report must be complied with.
2. A person who has legal signing authority on behalf of the Owner or User must complete the Declaration of Compliance and submit this to TSSA via EMAIL or FAX on or before the last compliance date appearing on the inspection report.
Note: Declaration of Compliance is subject to an audit process which may result in additional inspection fees.

Declaration of Compliance

I, the undersigned hereby declare that all orders on this Inspection Report have been complied with.

Printed Name _____

Title_____

Signature_____ Date_____

Contact Email Address_____ Contact Phone Number_____

It is an offence to knowingly make a false statement or to furnish false information under The Act, the regulations or a ministers order; Technical Standards and Safety Act, 2000; sect. 37.

Submission:
Send an EMAIL (dcreporting@tssa.org) or FAX (416-734-6242) complete with the following information
1. The Service Request number from the Inspection Report as the Subject line.
2. A copy of the Inspection Report with the Declaration of Compliance portion completed and attached.

For more information please contact TSSA at 416-734-3599 or email dcreporting@tssa.org

You are hereby authorized to operate the site located at the address specified in this report for a period not exceeding 15 days from the date this inspection was completed, pending receipt of a licence. A copy of this inspection report must be posted and readily visible. If you have not received a licence by the end of this period, please contact TSSA toll free at 1-877-682-8772.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By: EXPRESS POST LT 583 316 579 CA	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5949339**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **DEC 02, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By: EXPRESS POST LT 583 316 579 CA	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5713019**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **SEP 14, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Pre Lic Insp	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Line	Reference and Order(s)	Compliance Date
737947-2	Liquid Fuels Handling Code 2007. 4.5.2.6 An under-dispenser sump shall be leak tight and equipped with a liquid sensor that will signal the attendant and shut down the dispenser when any product or high level of liquid is present in the sump. ALL SUMPS SHALL BE INSPECTED AND BE MADE LEAK TIGHT AS PER CODE. SOME OF THE BOOTS RIPPED AND MUST BE REPAIRE OR REPLACED.	NOV 07, 2015

Task Notes

FIND ATTACHED YOUR COPY OF THE FUEL SAFETY INSPECTION ON SEPT 30 2015. SHOULD YOU HAVE ANY QUESTIONS ABOUT THIS REPORT, CONTACT DAVID NORMAN AT 613-2977422

If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-877-682-TSSA (8772)or customerservices@tssa.org

TRAVEL, SITE INSPECTION DOCUMENTATION AND REPORT PREPARATION BILLED IN ACCORDANCE WITH TSSA POLICY

This inspector has no control over billing.

ON SITE FOR REGULAR AUDIT. ALL SUMP SENSORS INSTALLED AND WORKING. ALL FIRE EQUIPMENT AND SIGNAGE IN PLACE AND UP TO DATE. STAFF ON SITE SIGNED OFF. SITE HAS TLC 350 TO MONITOR TANKS AND SENSORS.

INSPECTOR HAS ISSUED TIME SENSITIVE INSTRUCTIONS.

THIS IS ASSIGNED AS A FS Declaration of Compliance AND MUST BE FILED OUT AND SENT IN TO ADDRESS OR FAX AT BOTTOM OF FORM.

ALL INSTRUCTIONS MUST BE COMPLETED BY THE DUE DATE AND SENT TO TSSA OR A BILLABLE FOLLOW UP INSPECTIONS WILL APPLY.

YOU ARE ORDERED TO COMPLY WITH THE ABOVE INSTRUCTIONS BY COMPLIANCE DATE AS PER Section 19 of the TSSAct, 2000!

ALL PETROLEUM WORK TO BE COMPLETED BY A LICENSED PETROLEUM MECHANIC!

Standard Notes

This Inspection Report contains Inspector's Orders with a compliance date(s) and is eligible for Declaration of Compliance. Documented proof that

~~**Customer Signature & Position / Date:**~~		~~**Inspector Name:**~~ Norman, David	~~**Inspector Contact Number:**~~ 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5713019**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **SEP 14, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Pre Lic Insp	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

the order(s) have been complied with before the compliance date must be submitted to TSSA This documented proof shall include, but is not limited to, any of the following where applicable: Photocopies of Licenses, Certificates, Registrations, Invoices, and/or Work Orders, Photographs, and Name, Certificate number, and Signature (where applicable) of the person who has performed the corrective action.
YOU MUST EXERCISE THIS OPTION TO AVOID A FOLLOW UP INSPECTION AND THE ASSOCIATED FEES WHICH WILL RESULT.
Reporting requirements are as follows:
1. All Inspector's Orders (directives) appearing on the inspection report must be complied with.
2. A person who has legal signing authority on behalf of the Owner or User must complete the Declaration of Compliance and submit this to TSSA via EMAIL or FAX on or before the last compliance date appearing on the inspection report.
Note: Declaration of Compliance is subject to an audit process which may result in additional inspection fees.

Declaration of Compliance

I, the undersigned hereby declare that all orders on this Inspection Report have been complied with.

Printed Name _____

Title_____

Signature_____ Date_____

Contact Email Address_____ Contact Phone Number_____

It is an offence to knowingly make a false statement or to furnish false information under The Act, the regulations or a ministers order; Technical Standards and Safety Act, 2000; sect. 37.

Submission:
Send an EMAIL (dcreporting@tssa.org) or FAX (416-734-6242) complete with the following information
1. The Service Request number from the Inspection Report as the Subject line.
2. A copy of the Inspection Report with the Declaration of Compliance portion completed and attached.

For more information please contact TSSA at 416-734-3599 or email dcreporting@tssa.org

You are hereby authorized to operate the site located at the address specified in this report for a period not exceeding 15 days from the date this inspection was completed, pending receipt of a licence. A copy of this inspection report must be posted and readily visible. If you have not received a licence by the end of this period, please contact TSSA toll free at 1-877-682-8772.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1689970**
Inspection Report #	**5713019**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **SEP 14, 2015**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **SUNCOR ENERGY PRODUCTS PARTNERSHIP** **3275 REBECCA ST** **OAKVILLE;ON** **CA L6L 6N5**	Task Type: FS-LF Pre Lic Insp	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	**1153684**
Inspection Report #	**4565448**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000171147**	Inspection Completion Date: **JUL 31, 2013**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **1213475 ONTARIO INC O/A GAS STN** **4358 INNES RD** **ORLEANS;ON** **CA K4A 3W3**	Task Type: FS-Periodic LF Inspection **The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.**	

Orders Issued To: 1213475 ONTARIO INC O/A GAS STN

Line	Reference and Order(s)	Compliance Date
661225-1	Liquid Fuels Handling Code 2007. 5.2.10 At each self-serve facility, a means of two-way communication between the self-serve attendant and each dispensing location shall be installed. INTER COM NOT WORKING WHILE INSPECTOR ON SITE	AUG 30, 2013
661225-2	Liquid Fuels Handling Code 2007. 5.2.8 For self-serve facilities built prior to January 1, 2007, the video monitoring system for dispensing positions located within 140° and 18.5 m of the console shall comply with the following: (a) All filling positions shall be located in the attendant's line of vision. (b) Filling positions that are obstructed shall be monitored by a mirror or a camera. (c) The image displayed in the mirror or on the monitor shall be of adequate size and clarity to allow the attendant to identify a 5 L jerry can. FRONT MONITOR DOES NOT MEET REQUIRMENTS.	AUG 30, 2013

Task Notes

FIND ATTACHED YOUR COPY OF THE FUEL SAFETY INSPECTION ON JULY 31 2013. SHOULD YOU HAVE ANY QUESTIONS, CONTACT DAVID NORMAN AT 613-2977422

If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at (416)734-3555, or by e-mail at tssa_billing_team@tssa.org.

ALL INSTRUCTIONS MUST BE COMPLETED BY THE DUE DATE AND SENT TO TSSA OR A BILLABLE FOLLOW UP INSPECTIONS WILL APPLY.

ON SITE FOR REGULAR AUDIT. ALL SUMP SENSORS INSTALLED AND WORKING. ALL FIRE EQUIPMENT AND SIGNAGE IN PLACE AND UP TO DATE. SITE HAS TLC 350 TO MONITOR TANKS. STAFF TRAINED AND SIGNED OFF. INSPECTORS INSTRUCTIONS ISSUED

YOU ARE ORDERED TO COMPLY WITH THE ABOVE INSTRUCTIONS BY COMPLIANCE DATE AS PER Section 19 of the TSSAct, 2000!

Standard Notes

This Inspection Report contains Inspector's Orders with a compliance date(s) and is eligible for Declaration of Compliance. Documented proof that the order(s) have been complied with before the compliance date must be submitted to TSSA This documented proof shall include, but is not limited to, any of the following where applicable: Photocopies of Licenses, Certificates, Registrations, Invoices, and/or Work Orders, Photographs, and Name, Certificate number, and Signature (where applicable) of the person who has performed the corrective action.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By: ATTENDENT ON SIT AND E-MAILED TO PHIL	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.

(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	**1153684**
Inspection Report #	**4565448**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s): **000171147**	Inspection Completion Date: **JUL 31, 2013**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **1213475 ONTARIO INC O/A GAS STN** **4358 INNES RD** **ORLEANS;ON** **CA K4A 3W3**	Task Type: FS-Periodic LF Inspection **The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.**	

YOU MUST EXERCISE THIS OPTION TO AVOID A FOLLOW UP INSPECTION AND THE ASSOCIATED FEES WHICH WILL RESULT.
Reporting requirements are as follows;
1. All Inspector's Orders (directives) appearing on the inspection report must be complied with.
2. A person who has legal signing authority on behalf of the Owner or User must complete the Declaration of Compliance and submit this to TSSA via EMAIL or FAX on or before the last compliance date appearing on the inspection report.
Note: Declaration of Compliance is subject to an audit process which may result in additional inspection fees.

Declaration of Compliance

I, the undersigned hereby declare that all orders on this Inspection Report have been complied with.

Printed Name _____

Title_____

Signature_____ Date_____

Contact Email Address_____ Contact Phone Number_____

It is an offence to knowingly make a false statement or to furnish false information under The Act, the regulations or a ministers order; Technical Standards and Safety Act, 2000; sect. 37.

Submission:
Send an EMAIL (dcreporting@tssa.org) or FAX (416-231-5435) complete with the following information
1. The Service Request number from the Inspection Report as the Subject line.
2. A copy of the Inspection Report with the Declaration of Compliance portion completed and attached.

For more information please contact TSSA at 416-734-3599 or email dcreporting@tssa.org

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By: ATTENDENT ON SIT AND E-MAILED TO PHIL	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	1153684
Inspection Report #	4565448

Inspection Address: 2180 MONTREAL RD OTTAWA;ON CA K1J 1G4	Reference Number(s): 000171147	Inspection Completion Date: JUL 31, 2013
	Facility Type: FS Gasoline Station - Self Serve	Equipment Type:
Customer Name and Address: 1213475 ONTARIO INC O/A GAS STN 4358 INNES RD ORLEANS;ON CA K4A 3W3	Task Type: FS-Periodic LF Inspection The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Orders Issued To: 1213475 ONTARIO INC O/A GAS STN

Line	Reference and Order(s)	Compliance Date
66122 5-1	Liquid Fuels Handling Code 2007, 5.2.10 At each self-serve facility, a means of two-way communication between the self-serve attendant and each dispensing location shall be installed. INTER COM NOT WORKING WHILE INSPECTOR ON SITE.	AUG 30, 2013
66122 5-2	Liquid Fuels Handling Code 2007, 5.2.8 For self-serve facilities built prior to January 1, 2007, the video monitoring system for dispensing positions located within 140° and 185° of the console shall comply with the following: (a) All dispensing positions shall be located in the attendant's line of vision. (b) Filling positions that are obstructed shall be monitored by a mirror or a camera. (c) The image displayed in the mirror or on the monitor shall be of adequate size and clarity to allow the attendant to identify a 5 L jerry can. FRONT MONITOR DOES NOT MEET REQUIREMENTS.	AUG 30, 2013

Task Notes

FIND ATTACHED YOUR COPY OF THE FUEL SAFETY INSPECTION ON JULY 31 2013 SHOULD YOU HAVE ANY QUESTIONS. CONTACT DAVID NORMAN AT 613-2977422

If you have questions regarding your invoice, when received, contact TSSA billing department by telephone at 1-416/734-3535, or by email at ssa_billing_remit@tssa.org.

ALL INSTRUCTIONS MUST BE COMPLETED BY THE DUE DATE AND SENT TO TSSA OR A BILLABLE FOLLOW UP INSPECTIONS WILL APPLY.

ON SITE FOR REGULAR AUDIT. ALL SUMP SENSORS INSTALLED AND WORKING. ALL FIRE EQUIPMENT AND SIGNAGE IN PLACE AND UP TO DATE. SITE HAS TLC 350 TO MONITOR TANKS. STAFF TRAINED AND SIGNED OFF. INSPECTORS INSTRUCTIONS ISSUED

YOU ARE ORDERED TO COMPLY WITH THE ABOVE INSTRUCTIONS BY COMPLIANCE DATE AS PER Section 19 of the TSSAct, 2000

Standard Notes

This Inspection Report contains Inspector's Orders with a compliance date(s) and is eligible for Declaration of Compliance. Documented proof that the order(s) have been complied with before the compliance date must be submitted to TSSA. This documented proof shall include, but is not limited to, any of the following where applicable: Photocopies of Licenses, Certificates, Registrations, Invoices, and/or Work Orders, Photographs, and Name, Certificate number, and Signature (where applicable) of the person who has performed the corrective action.

Customer Signature & Position / Date:		Inspector Name:	Inspector Contact Number:
Aug 15/2013 Resident		Norman, David	613-284-8284
Report Received by:	Customer Contact Number:	Inspector Email:	Inspector Fax:
ATTENDENT ON SITE AND E-MAILED TO PHIL		DNorman@tssa.org	613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	1153684
Inspection Report #	4565448

Inspection Address: 2180 MONTREAL RD OTTAWA;ON CA K1J 1G4	Reference Number(s): 000171147	Inspection Completion Date: JUL 31, 2013
	Facility Type: FS Gasoline Station - Self Serve	Equipment Type:
Customer Name and Address: 1213475 ONTARIO INC O/A CAS STN 4358 INNES RD ORLEANS;ON CA K4A 3W3	Task Type: FS-Periodic LP Inspection	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

YOU MUST EXERCISE THIS OPTION TO AVOID A FOLLOW UP INSPECTION AND THE ASSOCIATED FEES WHICH WILL RESULT.
Reporting requirements are as follows:
1. All Inspector's Orders (directives) appearing on the inspection report must be complied with.
2. A person who has legal signing authority on behalf of the Owner or User must complete the Declaration of Compliance and submit this to TSSA via EMAIL or FAX on or before the last compliance date appearing on the inspection report.
Note: Declaration of Compliance is subject to an audit process which may result in additional inspection fees.

Declaration of Compliance

I, the undersigned hereby declare that all orders on this Inspection Report have been complied with.

Printed Name: Phil Costa

Title: President

Signature: _____ Date: Aug 15/2013

Contact Email Address: ba3515@suncor.com Contact Phone Number: 613 7946596

It is an offence to knowingly make a false statement or to furnish false information under The Act, the regulations or a ministers order: Technical Standards and Safety Act, 2000: sec. 37.

Submission
Send an EMAIL (dereporting@tssa.org) or FAX (416-231-5435) complete with the following information:
1. The Service Request number from the Inspection Report as the Subject line
2. A copy of the Inspection Report with the Declaration of Compliance portion completed and attached.

For more information please contact TSSA at 416-734-3569 or email dereporting@tssa.org

Customer Signature & Position / Date:		Inspector Name: Norman, David	Inspector Contact Numbers: 613-284-8284
Report Received By: ATTENDENT ON SIT AND E-MAILED TO PHIL	Customer Contact Number:	Inspector Email: DNorman@tssa.org	Inspector Fax: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An invoice will be issued for the Total Charges incurred.
(Note: This is not an Invoice)

Putting Public Safety First

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	**489660**
Inspection Report #	**3146744**

Inspection Address: **2180 MONTREAL RD** **OTTAWA;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **DEC 21, 2010**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **1213475 ONTARIO INC O/A GAS STN** **4358 INNES RD** **ORLEANS;ON** **CA K4A 3W3**	Task Type: **FS-LF Pre Lic Insp**	Total Billable Hours: **2**
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Task Notes

ON SITE TO INSPECT FOR PRE-LICENCE THIS SITE IS A SUNOCO UPGRADE TO PETRO CANADA, ALL EQUIPMENT IS D/W STAFF TRAINED SIGNAGE IN PLACE. THIS SITE N COMPLIANCE AT TH TIME OF INSPECTION. PRE-LICENCE ISSUED.

Standard Notes

Dear Sir/Madam:This document is not transferable to any other facility, vehicle or location.This document is your authorization to immediately begin operation of the facility or tank vehicle at the location noted above. This document must be kept at the location or carried with the licenced vehicle until you receive the formal licence.A permanent licence will be sent to you within four weeks of your payment of the pre-licence inspection fee. It is illegal to operate without a valid temporary or permanent license.THIS IS A TEMPORARY LICENCE AND WILL EXPIRE 90 DAYS FROM DATE OF ISSUE.

Labour Detail

Date	Activity	Hours	Comments
DEC 21, 2010	Inspection	1.5	INSPECT SITE PREPARE AND ISSUE PRE-LICENCE
DEC 21, 2010	Travel	.5	

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Toll free 1-877-682-8772
Fax (416) 231-1626
www.tssa.org

FS Inspection Report

Service Request #	**440946**
Inspection Report #	**3032102**

Inspection Address: **2180 MONTREAL RD** **GLOUCESTER;ON** **CA K1J 1G4**	Reference Number(s):	Inspection Completion Date: **SEP 29, 2010**
	Facility Type: **FS Gasoline Station - Self Serve**	Equipment Type:
Customer Name and Address: **1135013 ONTARIO INC** **2180 MONTREAL RD** **GLOUCESTER;ON** **CA K1J 1G4**	Task Type: **FS-Periodic LF Inspection**	Total Billable Hours:
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Task Notes

ON SITE FOR REGULAR INSPECTION. SITE CLEAN AND WELL KEPT THIS SITE WILL BE UNDERGOING THE PETRO CANADA UPGRADE NEXT WEEK. SITE IN COMPLIANCE AT THE TIME OF INSPECTION.

Standard Notes

TSSA inspected the above mentioned location and did not find any non-compliances at the time of inspection.

Customer Signature & Position / Date:		**Inspector Name:** Norman, David	**Inspector Contact Number:** 613-284-8284
Report Received By:	**Customer Contact Number:**	**Inspector Email**: DNorman@tssa.org	**Inspector Fax**: 613-284-8296

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

www.tssa.org

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Ph - (416) 734-3300, Fax - (416) 231-1626
Toll - 1-877-682-8772

Fuel Safety Inspection Report

Technical Standards and Safety Act, 2000

1 *Report Number:* **FS-2007-0014170**

2 *File Number:* **000076646924**

3 Location Address	4 License/Serial Number	5 Job Type	6 Inspection Date
2180 MONTREAL RD GLOUCESTER, ON K1J 1G4 CANADA	**000076646924**	**New License/Modification Job (FS)**	**Dec 05, 2007**

7 *Facility Type*: **Gasoline Station - Self Serve**

8 *Client*
1135013 ONTARIO INC
2180 MONTREAL RD
GLOUCESTER, ON K1J 1G4
CA

The Facility/Equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service. In the interim period the recipient must ensure that additional precautions are taken for safe use.

INSPECTION NOTE: ON SITE TO INSPECT FACILITY AFTER MODIFICATION SITE IN COMPLIANCE AT TIME OF THIS INSPECTION

Inspection Activity - Time Allocation Detail

Date	Activity	Hours	Rate	Comments
Nov 8, 2007	Inspection-Billable	1.00	Straight	
Nov 8, 2007	Travel-Billable	0.50	Straight	
Nov 20, 2007	Inspection-Billable	1.00	Straight	
Nov 20, 2007	Travel-Billable	0.50	Straight	
Dec 5, 2007	Administration-Billable	0.50	Straight	
Dec 5, 2007	Inspection-Billable	1.00	Straight	
Dec 5, 2007	Travel-Billable	0.50	Straight	

13 Total Time	14 Travel Time	15 Billable Hours	16 Additional Charges
5	**1.5**	**5**	

Voluntary Compliance Option* - Eligible? ☐ Yes ☒ No *Please, refer to guidelines

I hereby confirm that all the Inspector's orders, appearing on this inspection report have been completed.

Print Name _____ *Client Signature* _____

David Norman — *Inspector*

(613) 284-8296 — *Inspector Fax Number*

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis.
An invoice will be issued for this activity.

Putting Public Safety First

(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

www.tssa.org

14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Ph - (416) 734-3300, Fax - (416) 231-1626
Toll - 1-877-682-8772

Fuel Safety Inspection Report

Technical Standards and Safety Act, 2000

1 *Report Number:* **FS-2002-0012672**

2 *File Number:* **FS PIN 2002-12672**

3 Location Address	4 License/Serial Number	5 Job Type	6 Inspection Date
2180 MONTREAL RD GLOUCESTER, ON K1J 1G4 CANADA	**0076607241-C**	**Periodic Inspection (FS)**	**Sep 07, 2004**

7 *Facility Type*: **Gasoline Station - Split Serve**

8 *Client*
1135013 ONTARIO INC
2180 MONTREAL RD
GLOUCESTER, ON K1J 1G4
CA

The Facility/Equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service. In the interim period the recipient must ensure that additional precautions are taken for safe use.

INSPECTION NOTE: ON SITE TO INSPECT FACIITY. THIS SITE IN COMPLIANCE AT TIME OF INSPECTION. CLEAN AND WELL MAINTAINED SITE.

13 Total Time	14 Travel Time	15 Billable Hours	16 Additional Charges
2.5	**0.5**	**0**	

Voluntary Compliance Option* - Eligible? ☐ Yes ☒ No *Please, refer to guidelines

I hereby confirm that all the Inspector's orders, appearing on this inspection report have been completed.

Print Name _____ *Client Signature* _____

David Norman
Inspector

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis.
An invoice will be issued for this activity.

Putting Public Safety First

(Note: This is not an invoice)

TQ 2001 2115

Technical Standards and Safety Authority

Inspector's Report - Part A

Issued under Ontario's **Energy Act** and/or **Gasoline Handling Act**

Report No. E- 044910

PLEASE PRINT

Location Inspected	Owner's Name
1135013 ONTARIO INC	
Address: 2180 MONTREAL RD	Address:
City/town: GLOUCESTER ON	City/town:
Postal Code: K1J 1G4 Tel. No.	Postal Code: Tel. No.
Operator's Name: MANSA ELLIS	Fuel Supplier: City:
Licence No.: 007660724 1	
Contractor	Registration No.

OPERATION/SUB	LOC TYPE	POP DEN	FUEL	CLASS	REASON	TRIGGER	ACTION
12	02	01	GAS	~~02~~ 01	22	01	

ACT	REG	DURATION	TRAVEL	BILLABLE	BILL	OCC RATE	CAUSE
TSSA	217/01	1	0	1	(1) 2 3		

CON FACT	OCC DATE	OCC TIME	FIELD 1	SITE REM	COMPLETED?
				☐ Yes ☐ No	☑ Yes ☐ No

Investigation/Audit/Occurrence Summary

ON SITE RE PRE LICENCE ALL IN COMPLIANCE AT TIME OF INSPECTION

REQUEST CHQ #667 FOR INSPECTION FEE = 1 HR = 128.40

PRE LICENCE ISSUED

Equipment/Appliance/Component

Type	
Description	
Manufacturer	
Model	Serial No.
Material	
Fuel Input Rating	
Date of Manufacture	
Installation Date	
Supply Pressure	Manifold Pressure

SEP 21 2001

Equipment/Appliance/Component

Type	
Description	
Manufacturer	
Model	Serial No.
Material	
Fuel Input Rating	
Date of Manufacture	
Installation Date	
Supply Pressure	Manifold Pressure

TECHNICAL STANDARDS & SAFETY AUTHORITY RECEIVED SEP 13 2001 FUELS SAFETY CORPORATE SERVICES DIVISION

As a not-for-profit regulatory authority, the Technical Standards and Safety Authority operates on a cost recovery basis. An invoice will be issued for this activity.

Client's Signature	Inspector's Name	Badge #	Date of Inspection
Mansa Ellis		254	2001 09 06

FS 09181 (12/99)

Les demandes d'une version française du présent document seront prises en considération.

Head Office

99-5671

Technical Standards and Safety Authority

Inspector's Report - Part A

Issued under Ontario's **Energy Act** and/or **Gasoline Handling Act**

Report No. E- 035813

PLEASE PRINT

Location Inspected: Beacon Hill Sunoco	Owner's Name:
Address: 2180 Montreal Rd	Address:
City/town: Gloucester	City/town:
Postal Code: K1J 1G4 Tel. No.: 613) 742 6534	Postal Code: Tel. No.:
Operator's Name: Marsha Ellis	Fuel Supplier: City:
Licence No.: 007656335 2 0	
Contractor:	Registration No.:

OPERATION/SUB	LOC TYPE	POP DEN	FUEL	CLASS	REASON	TRIGGER	ACTION
12	02	02	Gas	01	26	03	01

ACT	REG	DURATION	TRAVEL	BILLABLE	BILL	OCC RATE	CAUSE
GHA	521/93	1.5	.5	1.0	(1) 2 3		

CON FACT	OCC DATE	OCC TIME	FIELD 1	SITE REM	COMPLETED?
				☐ Yes ☑ No	☑ Yes ☐ No

Investigation/Audit/Occurrence Summary

on site for full sight audit / change of License holder and is under a new Ont Inc Nott (1135013)

3 x 50,000 UGS Total - 150,000L

Equipment/Appliance/Component

Type	
Description	
Manufacturer	
Model	Serial No.
Material	
Fuel Input Rating	JUL 12 2000
Date of Manufacture	
Installation Date	
Supply Pressure	Manifold Pressure

Equipment/Appliance/Component

Type	
Description	
Manufacturer	
Model	Serial No.
Material	
Fuel Input Rating	
Date of Manufacture	
Installation Date	
Supply Pressure	Manifold Pressure

TECHNICAL STANDARDS & SAFETY AUTHORITY RECEIVED JUN 29 2000 FUELS SAFETY CORPORATE SERVICES DIVISION

As a not-for-profit regulatory authority, the Technical Standards and Safety Authority operates on a cost recovery basis. An invoice will be issued for this activity.

Client's Signature	Inspector's Name	Badge #	Date of Inspection
Marsha Ellis	Jim Magill	177	2000/6/12

FS 09181 (12/99)

Les demandes d'une version française du présent document seront prises en considération.

Head Office

Technical Standards and Safety Authority

Inspector's Instructions/Orders Part B

Report No. E-035813

Issued under Ontario's **Energy Act** and **Gasoline Handling Act**

Date: 2000 05 12 (Y M D)

Location Address (No RR's)	2180 Montreal Rd / Gloucester	
Issued To	Marsha Ellis	Position / Operator
Mailing Address	same	
Your attention is requested pursuant to:	Act GHH	Regulation 521/93
Licence # / Expiry	007656335 2	
Registration # / Expiry		
Certificate # / Expiry		

Order #	Section	You are hereby instructed to correct the following infraction(s)	Compliance Date
1	5(50)	Where a common header is used, the common header shall be at least one pipe size larger than the largest individual vent pipe connected to it	Sept 12/00

Received By: (print) Marsha Ellis	Inspector: (print) Jim Mogill
Position: Operator	Signature: Jim Mogill
Signature: Marsha Ellis	Inspector's Badge #: 177

FS 09221 (09/98)

Head Office

Technical Standards and Safety Authority

Inspector's Report / Rapport de l'inspecteur(trice) Part A/Partie A

Issued under **Ontario's Energy Act** and/or **Gasoline Handling Act**
Délivré en vertu de **Loi sur les hydrocarbures** ou de la **Loi sur la manutention de l'essence** de l'Ontario

Report No / N° de rapport: E- 015802

Location Inspected / Lieu inspecté (#1)	Owner's Name / Nom du/de la propriétaire (#2)
SUNOCO	SUNOCO INC.
Address / Adresse: 2180 MONTREAL RD	Address / Adresse: 36 YORK MILLS RD
City/town / Ville: GLOUCESTER	City/town / Ville: NORTH YORK
Postal Code / Code postal: K1J 6N5 — Tel. No. / N° de tél.	Postal Code / Code postal: M2P 2C5 — Tel. No. / N° de tél.
Operator's Name / Nom de la personne responsable: MIKE BLACK	Fuel Supplier / Fournisseur de combustible: SUNOCO — City / Ville: OTTAWA
Licence No / N° de permis: 0076523877	

Contractor / Entrepreneur — Registration # / N° d'inscription

OPERATION/ACTIVITÉ	SUB TYPE/SOUS TYPE	LOC TYPE/ TYPE DE LIEU	POP DENS/ DENS. DE POP.	FUEL/COMBUSTIBLE	CLASS/CATÉGORIE	REASON/RAISON	TRIGGER/ MOTIVÉ PAR:
12		02	01	GAS	01	22	01

ACTION / MESURES PRISES	ACT/LOI	REG/RÈGLEMENT	DURATION/DURÉE	BILLABLE/ À FACTURER	TRAVEL/VOYAGE	BILL FACTURER Y/N O/N	
	G.H.	521/93	3.5	2.0	1.5	Y 2	

DAMAGE /DOMMAGES	OCC RATE/ GRAV. DE L'ACC.	CAUSE/CAUSE	CON FACT/ FACT. CONTR.	OCC DATE/ DATE DE L'ACC.	OCC TIME/ HEURE DE L'ACC.	MANDATED MANDAT Y/N O/N	
						Y	

FIELD 1/DOMAINE 1	CALL/INTERVENTION	CONSULT CONSULT. Y/N O/N	SITE REM REMÉDIER Y/N O/N				COMPLETED? TERMINÉE? Y/N O/N
	01	N	N				Y

Comments/Commentaires

3 FRP TANKS 50,000 l each DOUBLE WALL
DOUBLE WALL PLACTIC PIPING
1999
SUBJECT TO FINAL HYDRO INSPECTION

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de serie
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

FEB 04 1999
DATA ENTERED

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de serie
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

TECHNICAL STANDARDS & SAFETY AUTHORITY
RECEIVED
JAN 29 1999
CORPORATE SERVICES DIVISION

Client's Signature/Signature du client/de la cliente	Inspector's Name/Nom de l'inspecteur(trice)	Badge No / N° d'insigne: 186
		Date of Inspection/ Date d'inspection — Y/A M/M D/J: 99 01 21

FS 09181 (05/97)

Head Office

10274754 - Saved

TSSA Inventory Group

General | Associated Customer Inventories | Related

Main Information

Name	10274754	Parent Inventory Group	---
Account *	2640754 ONTARIO INC	Has Child Inventory Groups	No
Account Site *	(Site)	Program *	Fuels Safety
Site Name	(Site)	Group Category	Propane
Site Purposes *	Installed	Group Sub Category	FS Cylinder Exchange
Site *	2180 MONTREAL RD, GLOUCESTER, ON, K1J 1G4, Canada	Status Reason	Active
Owner *	# OASIS R2 Data Migration		
Mobile or Stationary	Stationary		
Authorization Required	Yes		
Requires Periodic Inspection	No		
Mandated / Non-Mandated	Mandated		

Capacity and Additional Information

Total Propane Fixed Capacity (USWG)	0	Residential Building within Distance (Km)	---
Total Propane Mobile Capacity (USWG)	0	Sensitive Institution within Distance (Km)	---
Total Propane Cylinder Capacity (USWG)	0	Combined Residential & Industrial Ratings	---
FS Capacity Level	L1	Municipality *	---

D02-01-MONT

July 08, 2021

Jason Carisse
3638 County Road 16
Fournier, ON
K0B 1G0

Re: 2180 Montreal Road
Gloucester, ON
K1J 1G4
Application # ZIL – 2021-0278

This will acknowledge receipt of your letter dated June 28, 2021 with attached monies, requesting confirmation the zoning provisions for a propane exchange at the above-mentioned property.

We wish to advise that this property is subject to the provisions of the City of Ottawa Consolidated Zoning By-law 2008-250, as amended, in a zone designated as AM10[2199]. This is an Arterial Mainstreet Zone – Subzone 10 with exception [2199].

A Retail Store is listed as a permitted use. Therefore, a propane exchange and transfer facility are **permitted** on this property, subject to the provisions of Section 66 of the Zoning By-law (Provisions for the Handling and Transfer of Propane ad Natural Gas).

It should be noted that having this use permitted under the zoning by-law does not supersede any other required approvals or regulations.

We trust this information is of assistance to you and wish to emphasize that our response was formulated based on the information you provided to us. Should circumstances change, or you require further information, please contact the undersigned at (613) 580-2424, ext. 29674.

Yours truly,

A.J. Mohmmand
Development Information Officer

City Of Ottawa
Planning, Infrastructure and Economic Dev. Dept.
Building Code Services Branch
255 Centrum Blvd
Orléans, ON K1E 3V8
Tel. : 613-580-2424 ext.: 29674
Aj.mohmmand@ottawa.ca

Ville d'Ottawa
Planification, Infrastructure & Dévelop. Économique
Services du code du bâtiment
255, Boulevard Centrum
Orléans (Ontario) K1E 3V8
Tél. : 613-580-2424 poste: 29674
Aj.mohmmand@ottawa.ca

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

February 21, 2024

Justin Serroul
Terrapex Environmental
90 Scarsdale Road
Toronto, Ontario M3B 2R7
j.serroul@terrapex.com

Dear Justin Serroul:

RE: MECP FOI A-2024-00629, Your Reference #: EPI-2023-2000003545 – Record Release Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 2180 Montreal Road, Ottawa.

Attached is a copy of the records.

If you have any questions, please contact Nicole Pitton at 807-629-4538 or Nicole.Pitton@ontario.ca.

Yours truly,

Nicole Pitton

for
Josephine DeSouza
Manager (A), Access and Privacy Office

Attachment

Ontario

Ministry of the Environment, Conservation and Parks

hwin

Administration

Generator Details

Registration/Notification Number

ON4684198

Legal Company Name

Primary Name:	2640754 Ontario Inc.	Division Name:	NA

Company Operating Name

Primary Name:	Petro Canada	Division Name:	NA

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	2180 Montreal Rd	Address Line 2:	NA
Town/City:	Ottawa	Postal Code / Zip Code:	K1J 1G4
County: (if inside Ontario)	OTTAWA CARLTON (RM)	Province/State (If inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	NA	Post Box Number:	NA
Address Line 1:	2180 Montreal Rd		
Address Line 2:	NA		
Town/City:	Ottawa	Postal Code / Zip Code:	K1J 1G4
County: (if inside Ontario)	OTTAWA CARLTON (RM)	Province / State (If inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Ontario

Ministry of the Environment, Conservation and Parks

central site | feedback | search | site map | français

HOME AIR WATER LAND ABOUT US NEWS & PUBLICATIONS

User Management | Company Mgmt | Manifests | Site Data | HELP | Logout

hwin Administration

Search

Go

Company Name: **2640754 Ontario Inc.**
Company Number: **ON4684198 (Generator)**

Active Waste Classes

Active Waste Class Listing

Add New Waste Class Inactive waste classes

Active Off-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
146 - T	View Details	D009	5, 13	Land Disposal	Y	Y	Solid	Off-Site	Active	

Back

Ontario This site maintained by the Government of Ontario

Technical inquires to Webmaster.
© 2002-2018 Queen's Printer for Ontario

Version Number 4.5.0

Ontario

Ministry of the Environment, Conservation and Parks

Generator Details

Registration/Notification Number

ON8582015

Legal Company Name

Primary Name:	Suncor Energy Products Inc.	Division Name:	NA

Company Operating Name

Primary Name:	Suncor Energy Products Inc.	Division Name:	NA

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	3275 Rebecca Street	Address Line 2:	NA
Town/City:	Oakville	Postal Code / Zip Code:	L6L6N5
County: (if inside Ontario)	HALTON (R. M.)	Province/State (If inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	NA	Post Box Number:	NA
Address Line 1:	2180 Montreal Road		
Address Line 2:	NA		
Town/City:	Ottawa	Postal Code / Zip Code:	K1J1G4
County: (if inside Ontario)	OTTAWA CARLTON (RM)	Province / State (If inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Ontario

Ministry of the Environment, Conservation and Parks

Company Name: **Suncor Energy Products Inc.**
Company Number: **ON8582015 (Generator)**

Active Waste Classes

Active Waste Class Listing

Add New Waste Class Inactive waste classes

Active On-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status
221 - L	View Details	N/A					Liquid	Off-Site	Active
251 - L	View Details	N/A					Liquid	Off-Site	Active
263 - L	View Details	N/A					Liquid	Off-Site	Active

Back

Technical inquires to Webmaster.
© 2002-2018 Queen's Printer for Ontario

File Number: D06-03-23-0168

January 23, 2024

Jeffrey Murray
Terrapex

Sent via email j.murray@terrapex.com

Dear Jeffrey,

Re: Information Request
2180 Montreal Road Ottawa, Ontario ("Subject Property")

Internal Department Circulation:

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

- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website: https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the Overview and User Guide."

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at https://ero.ontario.ca/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one

can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

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

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

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: Public Health Inspections - Ottawa Public Health

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

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

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

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You

may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Samantha Gatchene, MCIP RPP
Planner

Per:

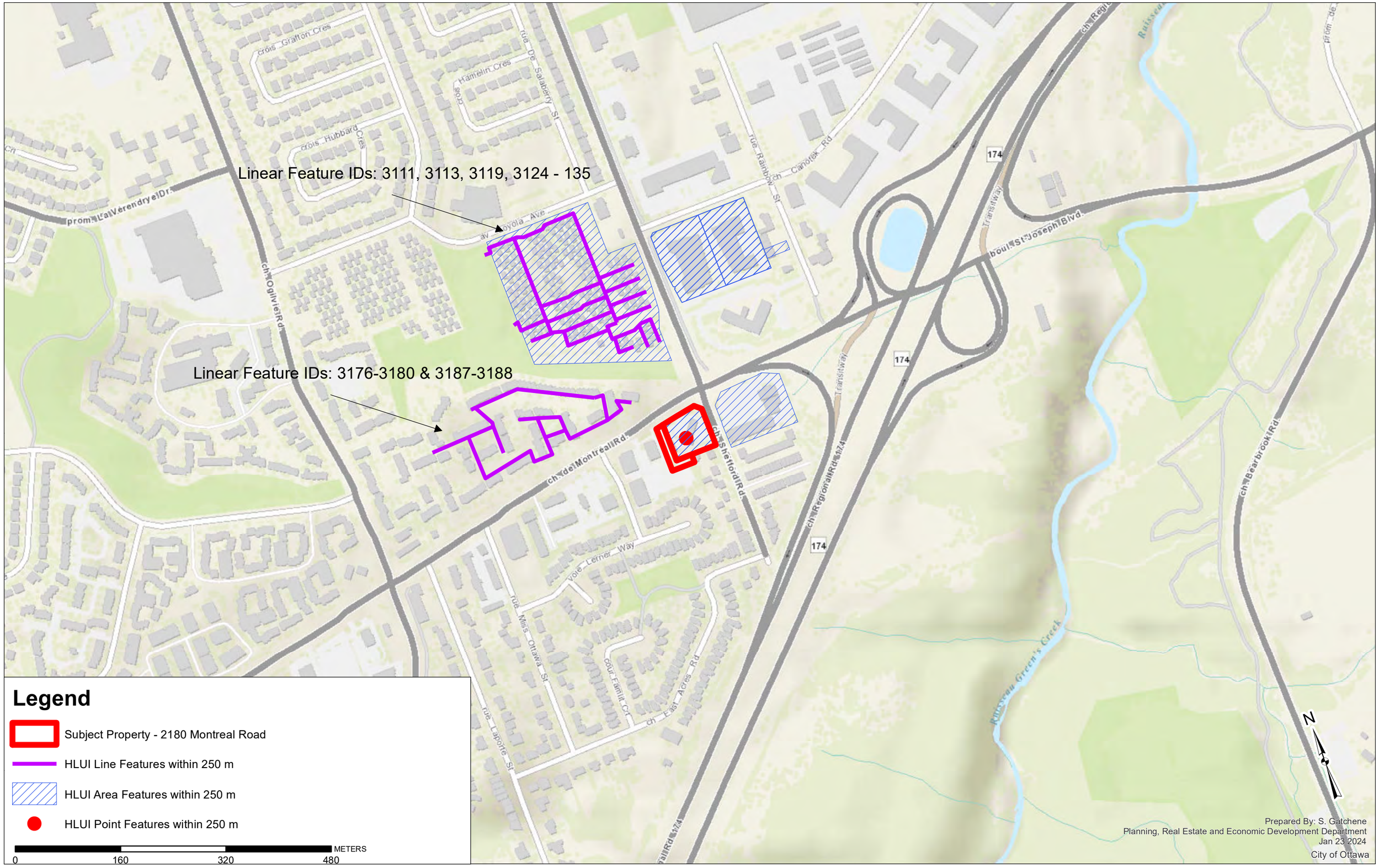
Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / **SG**

Enclosures: (2)
1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0168

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



HLUI SUMMARY REPORT
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
3111	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				337.8422
3113	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				155.4029
3119	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				62.58233
3124	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				98.4156
3125	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				98.96336
3127	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				57.221
3128	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				57.60682
3129	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				58.73144
3130	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				57.85871
3131	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				140.1429
3132	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				35.53294
3133	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				46.36573
3134	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				168.0481
3135	1975-Texaco Piping Layout Beacon Hill North Phase VII - Plan 21	Fuel line				53.21455
3176	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				148.5398
3177	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				187.9841
3178	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				42.87367
3179	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				282.129
3180	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				88.59558
3187	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				130.1881
3188	1975-Texaco Piping Layout Beacon Hill Phase XIIIB - Plan 25	Fuel line				65.04256

Prepared By: *D.Kiar*
City of Ottawa
Environmental Remediation Unit
2024-03-12

APPENDIX VI:

AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

1928 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	MARCH 2024	**V-1**

C:\Users\JSerrouit\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT: SUNCOR ENERGY

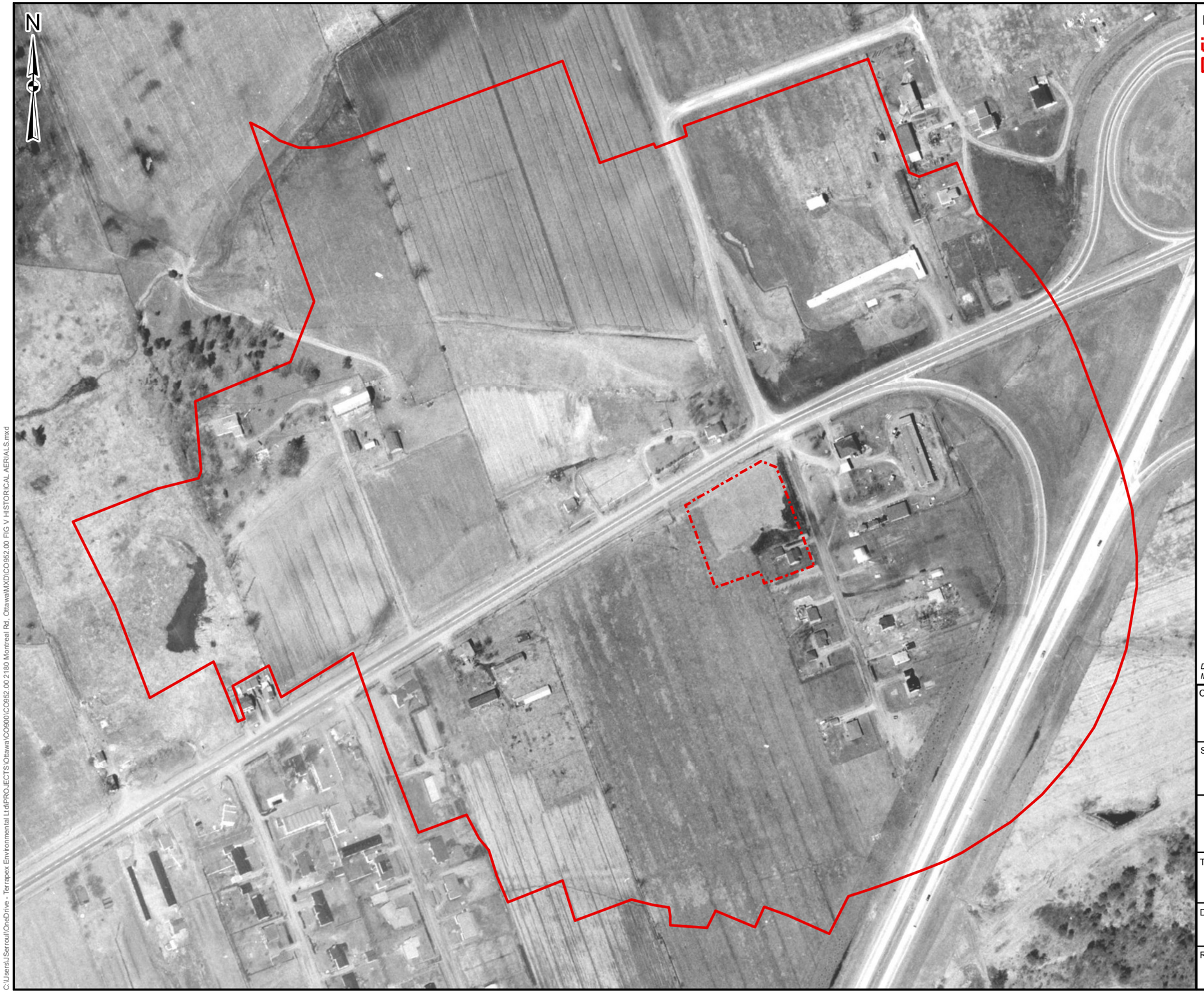
SITE LOCATION:
2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:
1958 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-2**

C:\Users\JSerroul\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd



LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

1965 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	**DATE:**	**FIGURE:**
00	DECEMBER 2023	**V-3**

C:\Users\JSerrouit\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd , Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

1976 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-4**

C:\Users\JSerrouf\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd - Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

1991 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-5**

C:\Users\JSerroul\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

2002 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-6**

C:\Users\JSerrouit\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd , Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

2011 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-7**

C:\Users\JSerrou\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

2017 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-8**

C:\Users\JSerrou\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00\2180 Montreal Rd , Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

LEGEND

SITE BOUNDARY

STUDY AREA

0 50 100 150

Metres

DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

SUNCOR ENERGY

SITE LOCATION:

2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE:

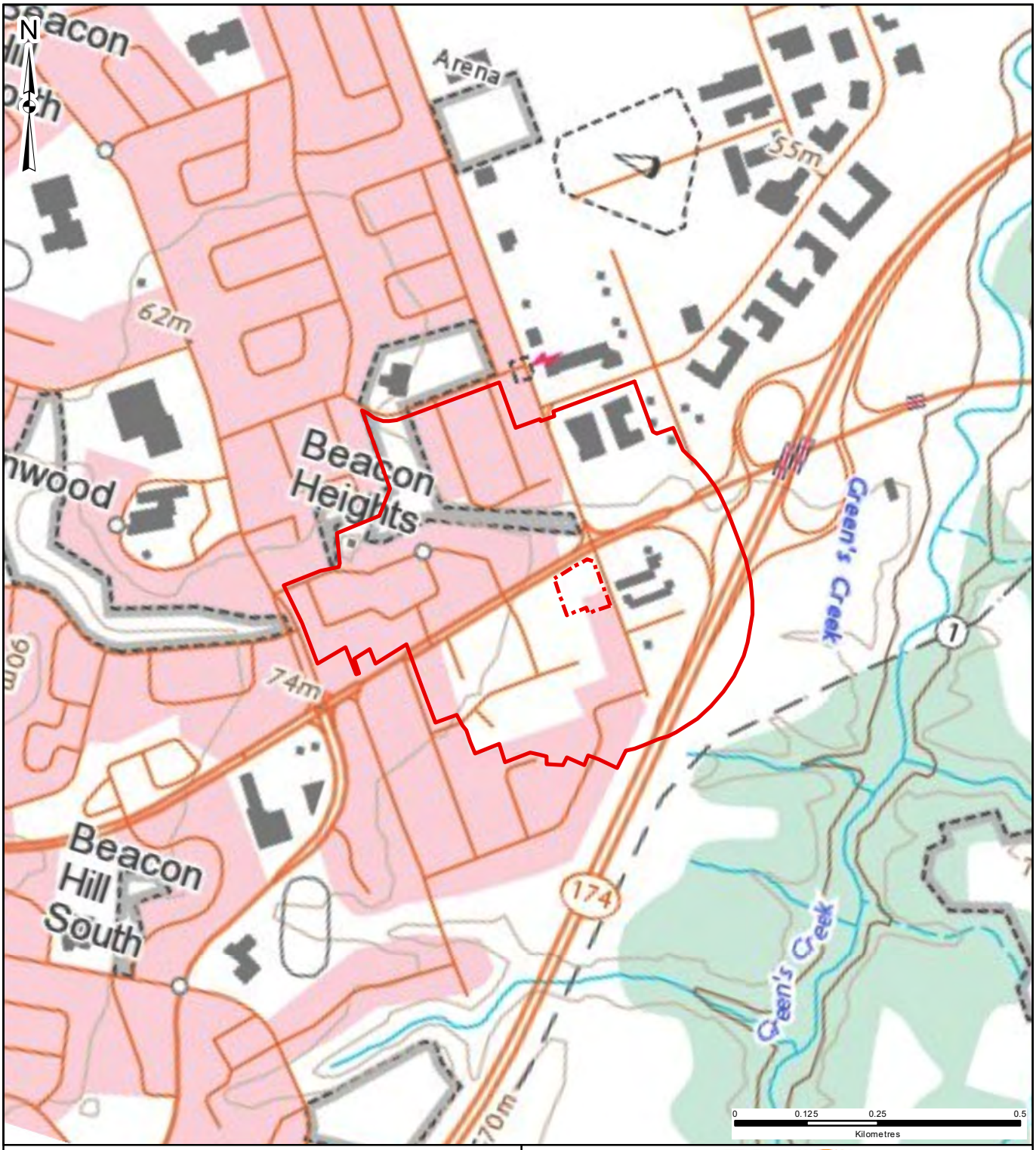
2022 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CO952.00	CB
REVISION:	DATE:	FIGURE:
00	DECEMBER 2023	**V-X**

C:\Users\JSerrouil\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd , Ottawa\MXD\CO952.00 FIG V HISTORICAL AERIALS.mxd

APPENDIX VII:

TOPOGRAPHIC MAP



LEGEND

SITE BOUNDARY

STUDY AREA

DATA SOURCE: NATURAL RESOURCES CANADA
MAP PROJECTION: NAD 1983 UTM Zone 18N

CLIENT: SUNCOR ENERGY

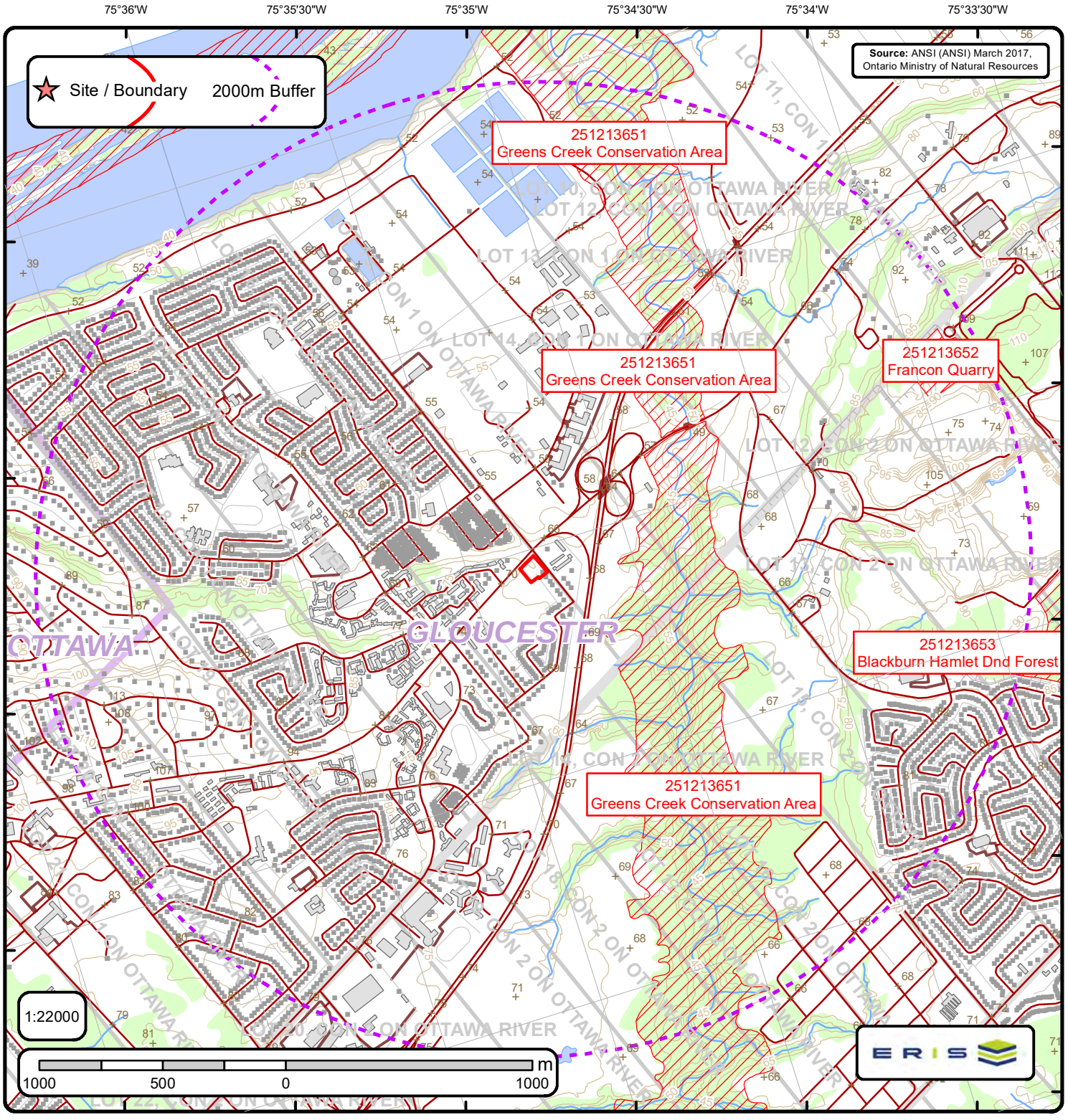
SITE LOCATION: 2180 MONTREAL ROAD
OTTAWA, ONTARIO

TERRAPEX

TITLE: **TOPOGRAPHIC MAP**

DRAWN BY: JS	PROJECT NO.: CO952.00	CHECKED BY: XX
REVISION: 00	DATE: DECEMBER 2023	**FIGURE: VI**

jserroul C:\Users\JSerroul\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO952.00 2180 Montreal Rd, Ottawa\MXD\CO952.00 FIG X TOPO MAP.mxd



Area of Natural & Scientific Interest (ANSI) Order No. 23121400793

Spot Height	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	ANSI Area

ANSI Report

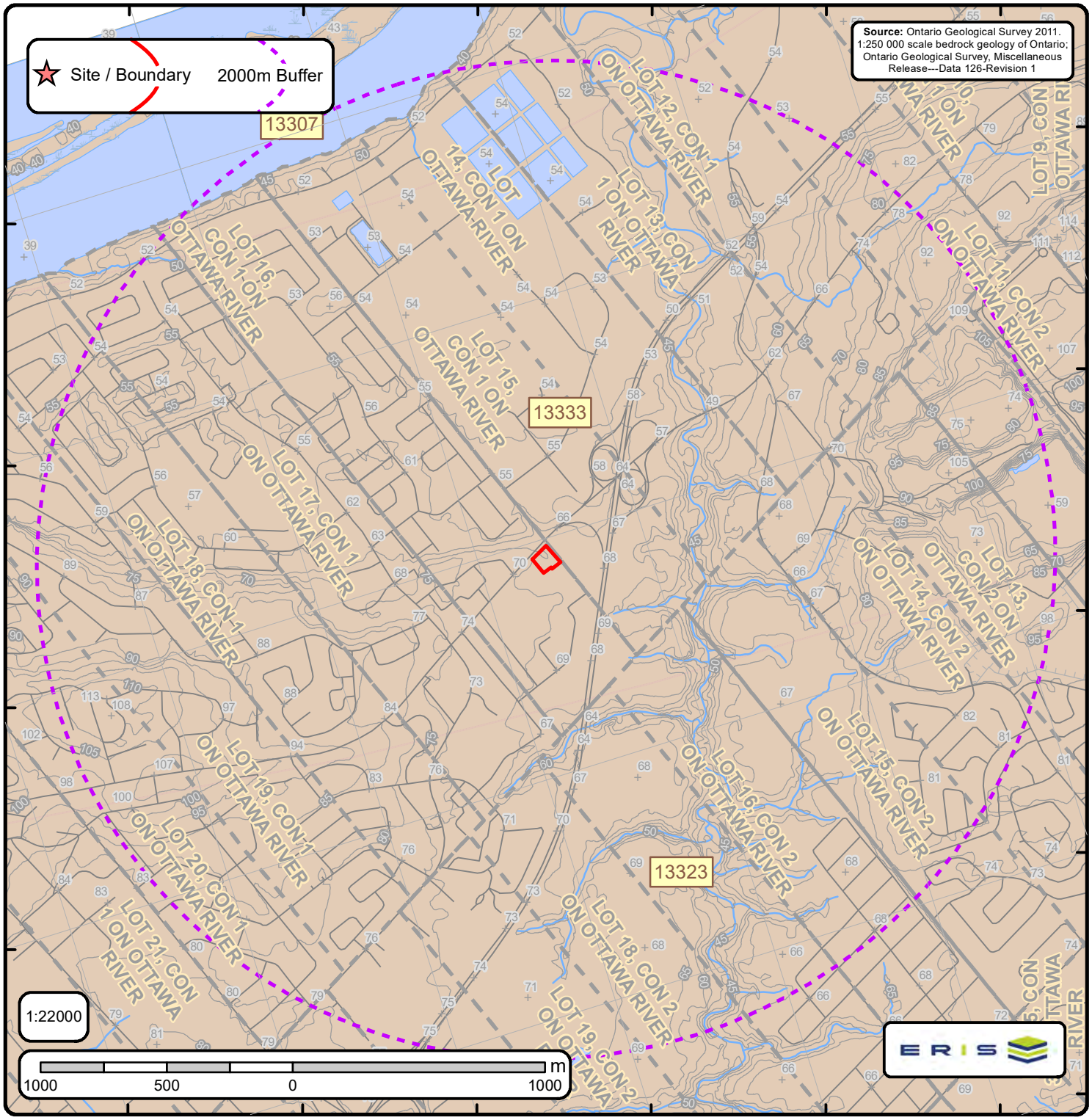
ANSI Units Found within 2000 m of CO951.00

Order No. 23121400793

ANSI Name: Blackburn Hamlet Dnd Forest
ID: 251213653 | **Type:** Candidate ANSI, Life Science | **Significance:** Regional | **Management Plan:** No | **Area (sqm):** 1922108.405 | **Comments:**

ANSI Name: Francon Quarry
ID: 251213652 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 45041.43 | **Comments:**

ANSI Name: Greens Creek Conservation Area
ID: 251213651 | **Type:** ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 2692995.325 | **Comments:**



Bedrock Geology of Ontario

Order No. 23121400793

Spot Height
Roads
Contour Lines
Streams
Railroads
Lots
Pit or Quarry
Airports
Waterbody
Wetlands

Bedrock Geology Lines

- CONTACT, GEOPHYSICAL, TREND, INTERPRETED
- CONTACT, SHARP, TREND, INTERPRETED
- CONTACT, SHARP, TREND, OBSERVED
- FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- NEATLINE
- ONTARIO BORDER
- Marble, chert, iron formation, minor metavolcanic rocks

Dikes

- Abitibi mafic dike
- Biscotasing mafic dike
- Empey Lake mafic dike
- Felsic to intermediate intrusive rocks
- Fort Frances mafic dike
- Frontenac mafic dike
- Grenville mafic dike
- Logan and Nipigon mafic sills
- Mackenzie mafic dike
- Mafic dikes of uncertain age
- Mafic sills and dikes
- Marathon mafic dike
- Marathon, Kapuskasing or Biscotasing mafic dike
- Matachewan mafic dike
- Mine Centre mafic dike
- Molson mafic dike
- North Channel mafic dike
- Pickle Crow mafic dike (Molson swarm) normal
- Pickle Crow mafic dike (Molson swarm) reverse
- Rideau mafic dike
- Sudbury mafic dike
- Ultramafic, gabbroic and granophyric intrusions
- Unsubdivided mafic dike
- Unsubdivided mafic dike (Keweenawan age)
- unknown

C Lines

- FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
- FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION

Kimberlite

Bedrock Geology Report

Bedrock Geology units found within 2000 m of CO951.00

Order No. 23121400793

ID: 13333 | **Unit Name:** |
Type (All): 54a | **Type (Primary):** 54a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Limestone, dolostone, shale, arkose, sandstone | **Strata (Primary):** Ottawa Group; Simcoe Group; Shadow Lake Formation | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN) | **Province (Primary):**

ID: 13323 | **Unit Name:** |
Type (All): 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**

ID: 13307 | **Unit Name:** |
Type (All): 53 | **Type (Primary):** 53 | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Dolostone, sandstone | **Strata (Primary):** Beekmantown Group | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** LOWER ORDOVICIAN | **Province (Primary):**

Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID **Unit Name** - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

```
Supergroup (two or more groups and lone formations)
Group (two or more formations)
Formation (primary unit of lithostratigraphy)
Member (named lithologic subdivision of a formation)
Bed (named distinctive layer in a member or formation)
```

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

```
PRECAMBRIAN (0.542 Ga to <3.85 Ga)
```

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

```
ARCHEAN (2.5 Ga to <3.85 Ga)
PROTEROZOIC (0.542 Ga to 2.50 Ga)
PHANEROZOIC (Present to 542.0 Ma)
```

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

```
MESOARCHEAN (2.8 Ga to 3.2 Ga)                MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)         EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)                 NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)           PALEOZOIC (251.0 Ma to 542.0 Ma)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)   MESOZOIC (65.5 Ma to 251.0 Ma)
```

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

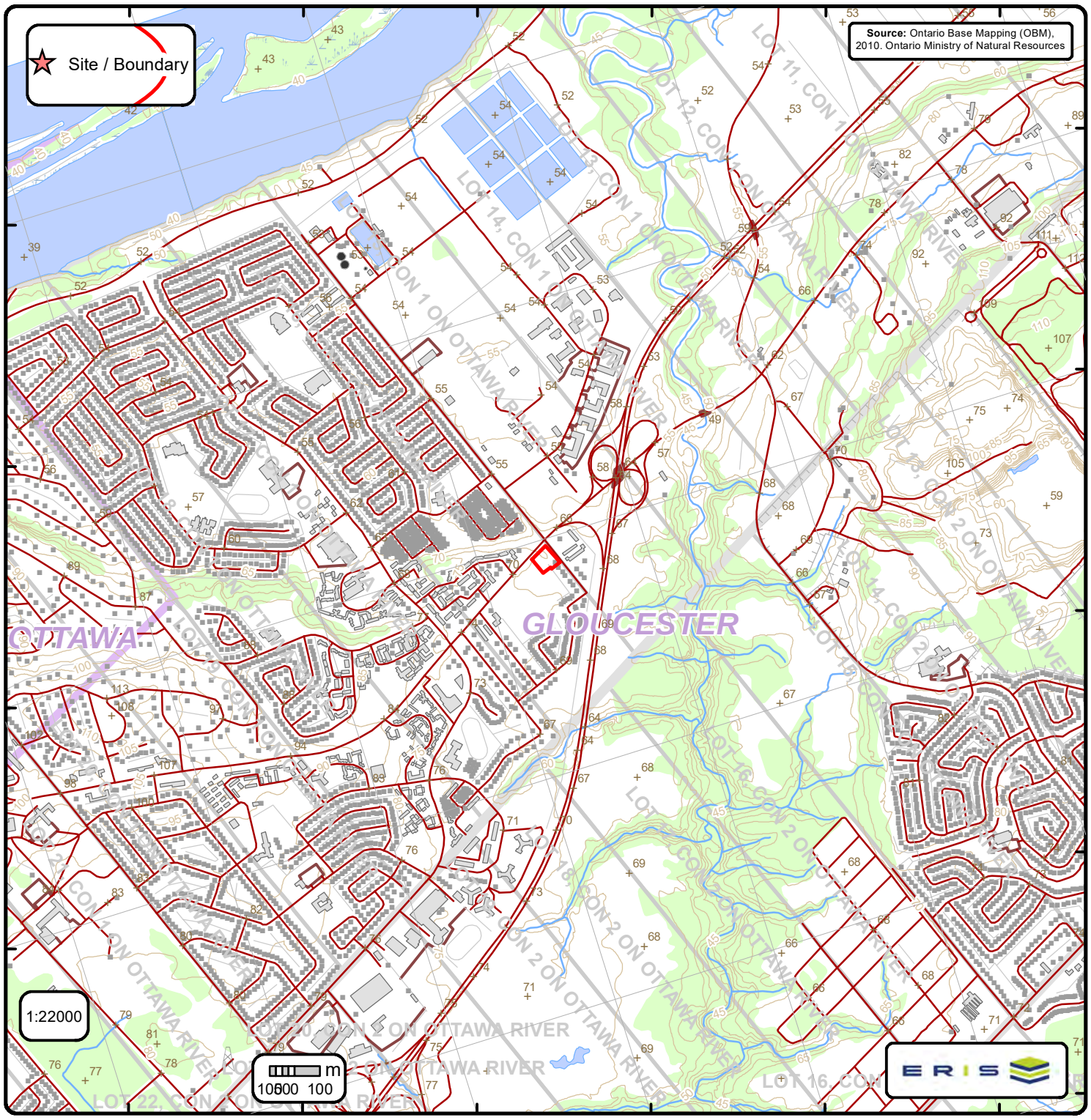
```
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)
```

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

```
LOWER ORDOVICIAN                    UPPER SILURIAN
MIDDLE ORDOVICIAN                   LOWER DEVONIAN
UPPER ORDOVICIAN                    MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN           UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN    LOWER CRETACEOUS AND MIDDLE JURASSIC
```

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

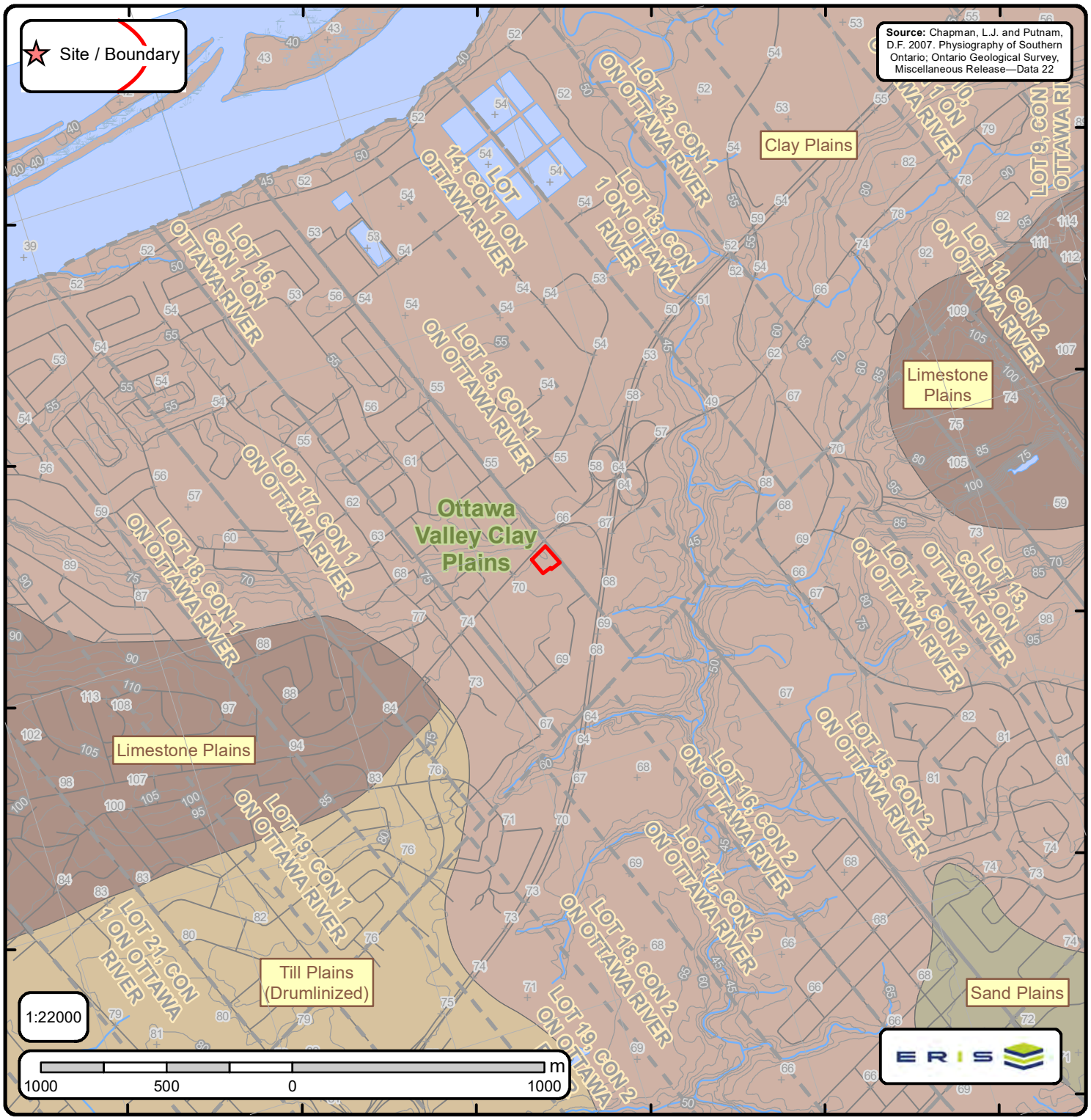
```
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE
```



Ontario Base Mapping (OBM) Data

Order No. 23121400793

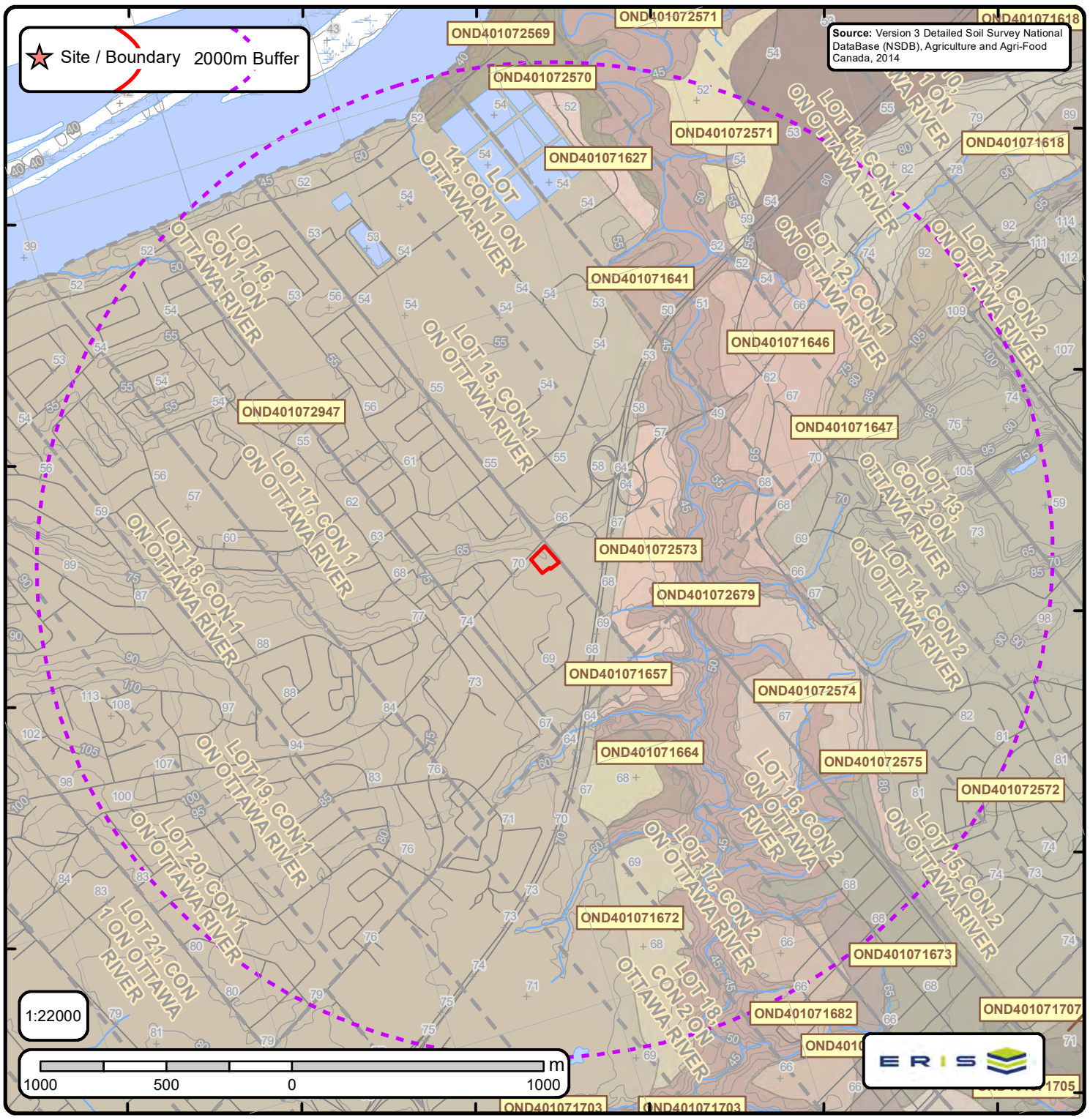
- Spot Height (metre)
- Building Point
- Towers
- Utility Site Point
- Misc. Line
- Railroads
- Roads
- Trail
- Transportation Structure
- Utility Line
- Water Structure
- Drainage Line Feature
- River or Stream
- Airports
- Tanks
- Building to Scale
- Contour Line
- Pit or Quarry
- Waterbody
- Wetlands
- Concession
- Lots
- Municipalitiy
- Land Ownership
- Wooded Area
- Conservation Authority
- Conservation Area
- Municipal Park
- Provincial Park
- National Park
- Nature Reserve



Physiography of Southern Ontario

Order No. 23121400793

- Spot Height
- Roads
- Railroads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody
- Boulder Pavement
- Dissected Terrain
- Mud Flow Scars
- Sand Dunes
- escarpment
- shorecliff
- shorecliff (weakly developed)
- Physiography Regions
- Bare Rock Ridges And Shallow Till
- Beaches
- Bevelled Till Plains
- Clay Plains
- Drumlins
- Escarpments
- Eskers
- Kame Moraines
- Limestone Plains
- Peat And Muck
- Sand Plains
- Shale Plains
- Shallow Till And Rock Ridges
- Spillways
- Till Moraines
- Till Plains (Drumlinized)
- Till Plains (Undrumlinized)



Detailed Soil Survey (ON Soils)

Order No. 23121400793

- Spot Height
- Railroads
- Roads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody

Soils Report

Soil Map Units Found within 2000 m of CO951.00

Order No. 23121400793

Soil ID: OND401072574
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072574
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071682
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONMUA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-19 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 13 | **Total Clay(%)** : 7 | **Organic Carbon(%)** : 1.3 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 4.622 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 19-28 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 14 | **Total Clay(%)** : 6 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 4.787 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 28-46 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 12 | **Total Sand(%)** : 81 | **Total Silt(%)** : 14 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 5.474 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 46-66 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 14 | **Total Sand(%)** : 24 | **Total Silt(%)** : 32 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 66-100 | **Horizon** : Cgj | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 26 | **Total Clay(%)** : 71 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.193 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
CO951.00

Soil ID: OND401071682
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071683
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONRSL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 86 | **Total Silt(%)** : 10 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 1.1 | **pH in Calc Chloride** : 5.5 | **Saturated Hydraulic Conductivity(cm/h)** : 6.641 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-31 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 93 | **Total Silt(%)** : 6 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 4.7 | **Saturated Hydraulic Conductivity(cm/h)** : 9.187 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-53 | **Horizon** : BCgj | **Layer No** : 3 | **Very Fine Sand(%)** : 1 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 4.6 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 53-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 1 | **Total Sand(%)** : 98 | **Total Silt(%)** : 1 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 4.8 | **Saturated Hydraulic Conductivity(cm/h)** : 7.845 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071683
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONCLA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : Low inherent Moisture holding capacity | **Depth(cm)** : 0-15 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 91 | **Total Silt(%)** : 5 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 1.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 6.934 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-25 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 8.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 25-66 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 95 | **Total Silt(%)** : 3 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.2 | **Saturated Hydraulic Conductivity(cm/h)** : 8.325 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 66-82 | **Horizon** : BC | **Layer No** : 4 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 82-100 | **Horizon** : C | **Layer No** : 5 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 6.96 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072679
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZER~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 37.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : No capability for agriculture. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071636
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of consolidated bedrock within one metre of the soil surface | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soil ID: OND401071636
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONZSC~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Subject to occasional flooding (Inundation) from adjacent streams or waterbodies | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
CO951.00

Soil ID: OND401072730
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071673
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONMUA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-19 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 13 | **Total Clay(%)** : 7 | **Organic Carbon(%)** : 1.3 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 4.622 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 19-28 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 14 | **Total Clay(%)** : 6 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 4.787 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 28-46 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 12 | **Total Sand(%)** : 81 | **Total Silt(%)** : 14 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 5.474 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 46-66 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 14 | **Total Sand(%)** : 24 | **Total Silt(%)** : 32 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 66-100 | **Horizon** : Cgj | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 26 | **Total Clay(%)** : 71 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.193 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071673
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of CO951.00

Soil ID: OND401071672
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONMUA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-19 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 13 | **Total Clay(%)** : 7 | **Organic Carbon(%)** : 1.3 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 4.622 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 19-28 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 80 | **Total Silt(%)** : 14 | **Total Clay(%)** : 6 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 4.787 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 28-46 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 12 | **Total Sand(%)** : 81 | **Total Silt(%)** : 14 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 5.474 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 46-66 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 14 | **Total Sand(%)** : 24 | **Total Silt(%)** : 32 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 66-100 | **Horizon** : Cgj | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 26 | **Total Clay(%)** : 71 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.193 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071672
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071657
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of CO951.00

Soil ID: OND401071657

Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072575

Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZES~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 12.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071647

Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of consolidated bedrock within one metre of the soil surface | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soil ID: OND401071647
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONZSC~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Subject to occasional flooding (Inundation) from adjacent streams or waterbodies | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072573
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072572
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soil ID: OND401072571
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072571
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072570
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072570
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071627
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071646
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071646
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071661
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071641
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401071664
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

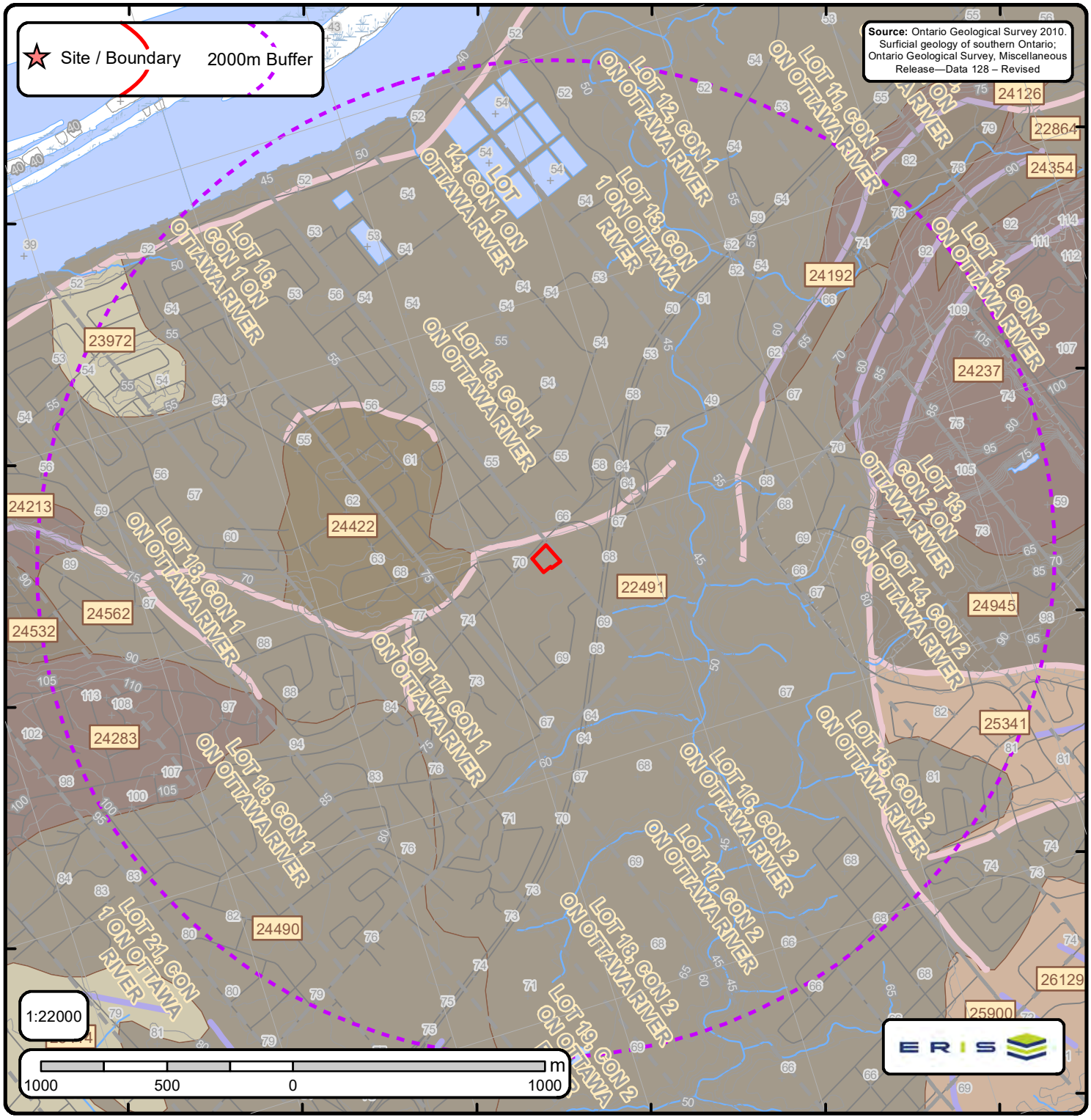
Soil ID: OND401071664
Component No : 1 | **Components(%)** : 70 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072947
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soils Report

Soil Map Units Found within 2000 m of CO951.00

Soil ID: OND401072569
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZES~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 12.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |



The Surficial Geology of Southern Ontario

Order No. 23121400793

Spot Height	Streams	Dune	Beach	Esker	karst	pitsg		
Waterbody	Contour Lines	Lake	Bluff	Esker ND	linfeat	popup		
Wetlands	Roads	Rib	Crevasse	Fluvial DL	megarip	ribl		
Airports	Railroads	Scab	Crest	fluvndl	mfluvdl	slidel		
Pit or Quarry	Morains	Slide	End	iceberg	mfluvndl	slumpb		
Lots		NOF Dune	Escarpment	icslope	moraine	terrace		

Surface Geology Report

Surface Geology units found within 2000 m of CO951.00

Order No. 23121400793

ID: 22491 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 23972 | **Unit Name:** Organic deposits |
Deposit Type Code: 7 | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** organic deposits | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** wetland | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Mainly muck and peat in bogs, fens, swamps and poorly drained areas.

ID: 24126 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occuring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 24192 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 24237 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occuring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 24283 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occuring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 24354 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 24422 | **Unit Name:** Landslide |
Deposit Type Code: l | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** clay | **Secondary Material:** sand | **Primary General:** colluvial | **Primary General Modifier:** landslide | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Landslide area showing location of headscarp and general trend of slump ridges. Ridges generally consist of clay with overlying or admixed sand.

ID: 24490 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 24532 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 24562 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** sand | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform a

ID: 24945 | **Unit Name:** Deltaic and estuarine deposits |
Deposit Type Code: 4 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** deltaic | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Medium-to fine-grained sand, in some places fossiliferous; lies outside abandoned channels; most common deposit is a combined strip delta-sand plain that developed as water levels fell.

ID: 25341 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.

APPENDIX VIII:

CLIENT FILES

Site: 650004

CORRESPONDENCE

DRAWINGS / PHOTOGRAPHS

OTHER (PERMITS, ETC)

PM Workbook

REPORTS

SAFETY

NON OPERATING FILES

SUNOCO INC.

ENVIRONMENTAL SITE ASSESSMENT

BLOCK 60 AND PARTS OF BLOCK 59
GLOUCESTER, ONTARIO

APRIL 1997

E1484.0

CONOR PACIFIC ENVIRONMENTAL TECHNOLOGIES INC.

29 Camelot Drive, Suite 500, Nepean, Ontario K2G 5W6
Tel: (613) 727-0216 Fax: (613) 7272-1806

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 SITE DESCRIPTION AND LOCATION 1

2.0 FIELD ACTIVITIES 3

2.1 TEST PIT OBSERVATIONS 3

2.2 HISTORICAL REVIEW 5

3.0 TOPOGRAPHIC AND GEOLOGIC SETTING 5

4.0 GENERIC CRITERIA SELECTION 6

5.0 SOIL ANALYTICAL RESULTS 6

6.0 DISCUSSION 7

7.0 CLOSURE 11

LIST OF TABLES

Table 1	Comparison of Chemical Analytical Data for Metals in Soil to Ontario Ministry of the Environment and Energy (MOEE) 1997, Table B, Surface Soil Remediation Criteria for Industrial/Commercial Land Use in a Non-Potable Groundwater Situation	8
Table 2	Comparison of Chemical Analytical Data for Inorganic Parameters in Soil to Ontario Ministry of the Environment and Energy (MOEE) 1997, Table B, Surface Soil Remediation Criteria for Industrial/Commercial Land Use in a Non-Potable Groundwater Situation and Table F, Soil Background Concentrations in Ontario	10

LIST OF FIGURES

Figure 1	Site Location	2
Figure 2	General Site Layout/Test Pit Locations	4

LIST OF APPENDICES

Appendix I	Test Pit Logs
Appendix II	Generic Site Criteria Analysis
Appendix III	Laboratory Analytical Results

1.0 INTRODUCTION

Conor Pacific Environmental Technologies Inc. (Conor Pacific, formerly Arcturus Environmental Ltd.) was retained by Sunoco Inc. (Sunoco) to conduct an intrusive environmental site assessment of vacant property situated in Part 1 and 2, Block 59, Gloucester, Ontario.

The objectives of this investigation were to:

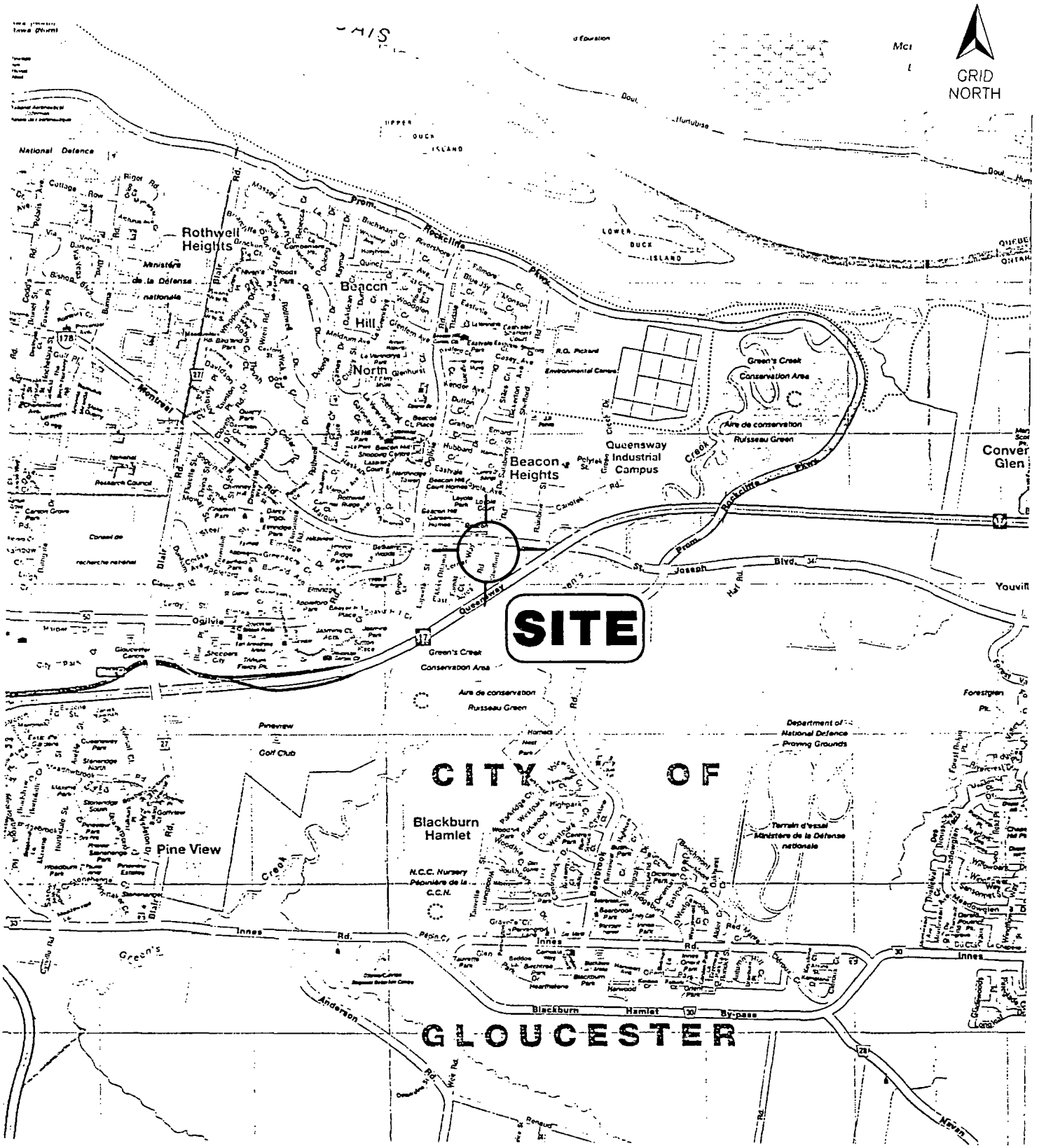
- determine existing site conditions and evaluate the potential impact, if any, to on-site soil and groundwater from off-site sources;
- acquire representative chemical data on soil quality at sample points along property boundaries and in the vicinity of proposed equipment installation; and,
- provide a comprehensive report documenting baseline environmental conditions along the property boundaries and in the vicinity of proposed equipment installations prior to Sunoco's involvement with the site.

1.1 SITE DESCRIPTION AND LOCATION

The subject property is located on Lot 60 and on Parts of Lot 59 in Gloucester, Ontario, at the southwest corner of the intersection between Montreal Road and Shefford Drive, as shown on Figure 1. Currently, the property is undeveloped.

The site is irregularly shaped, with dimensions of approximately 68 m north-south by 75 m east-west at its widest point. The total area of the site is approximately 5000 m^2 (55,000 square feet). The site is generally flat lying, and is grass covered, with a single coniferous tree. There is evidence of a modest amount of soil dumping in two areas on site. A total of approximately 6 tandem loads (200 tonnes) are present. A wooden fence exists along the southern property boundaries. A drainage ditch runs along the southern property boundary, perpendicular to Shefford Road.

The nearest surface water body is Greens Creek, located about 640 m southeast of the site. There are no residences within 200 m of the site, and the commercially and residentially developed area immediately surrounding the site is municipally serviced for both sewer and water. The site is therefore not in a potable groundwater supply area.



LEGEND

LOCATION MAP IMAGE TAKEN FROM MAPART OTTAWA–HULL

SITE LOCATION

BLOCK 60 & PARTS OF BLOCK 59
PIN 04368-0059 & 04368-0060
GLOUCESTER, ONTARIO

CLIENT: SUNOCO

Conor Pacific Environmental Technologies Inc.

DATE APRIL 1997		PROJECT No. E1484.0	DRAWING No. FIGURE 1
DRWN MM	CHK'D DHP	SCALE 1 : 35 000	

E1484-1

Land use surrounding the site is as follows:

- North - residential (private dwellings directly across Montreal Road) and commercial/industrial on northeast corner of Shefford and Montreal Roads)
- East - Place Voyager 2200 (commercial plaza), across Shefford Road
- South - residential, followed by Highway 417
- West - vacant land zoned commercial (future Harvey's restaurant to be located immediately west of site

2.0 FIELD ACTIVITIES

Conor Pacific was on-site on April 4 and 7, 1997 to complete the following: clear services, supervise the excavation of 12 test pits, collect representative soil samples from each test pit, collect representative samples from each soil stockpile on-site, and backfill the excavated test pits.

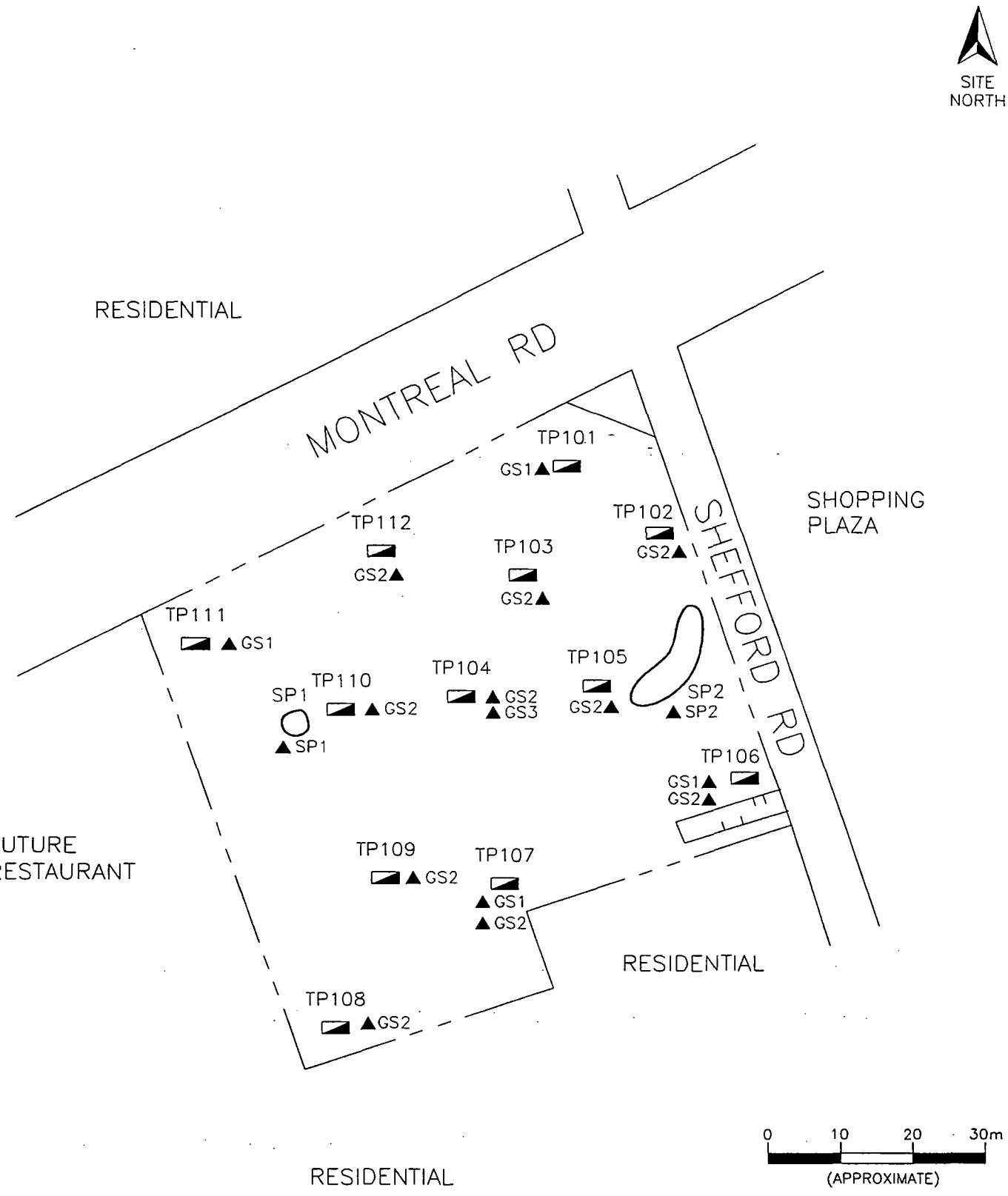
2.1 TEST PIT OBSERVATIONS

A total of 12 test pits were advanced on the property by Greely Sand and Gravel Ltd. of Greely, Ontario using a Case 580, rubber tire backhoe, under the direct supervision of Conor Pacific. Individual test pit locations are shown on Figure 2.

Monitoring wells were not installed in any of the test pits for the following reasons:

- water infiltration occurred in test pit TP105 only;
- visual or olfactory evidence of contamination was not encountered in any of the test pits.

Combustible vapour concentrations were measured in all soil samples collected during drilling using a Gastector™ 1238 ME Hydrocarbon surveyor, calibrated daily with n-hexane, and operating in the methane elimination mode. Measured concentrations were 40 ppm or less in all of the collected soil samples. Completed test pit logs, with soil sample details, are included as Appendix I.



LEGEND

- TP104 — TEST PIT LOCATION
- SP1 — CONFIRMATORY SAMPLE SUBMITTED FOR ANALYSIS
- SOIL PILE
- PROPERTY LIMIT
- DITCH

GENERAL SITE LAYOUT

BLOCK 60 & PARTS OF BLOCK 59
GLOUCESTER, ONTARIO

CLIENT: SUNOCO

Conor Pacific
Environmental Technologies Inc.

DATE APRIL 1997		PROJECT No. E1484.0	DRAWING No. FIGURE 2
DRWN MM	CHK'D DHP	SCALE AS SHOWN	

E1484-2

No visual or olfactory evidence of any contamination (petroleum hydrocarbons, metal impacted fill material, landfilled debris, etc.) was observed in the soils recovered from any of the test pits during excavation, in the stockpiled soil on site or on the surface of groundwater infiltrating the open test pits.

2.2 HISTORICAL REVIEW

Conor Pacific contacted the City of Gloucester Planning Department to review the official plan 4M-916, referenced in the scope of work provided by Sunoco. Gloucester planning officials indicated that the current property and surrounding area was previously undeveloped, and that surrounding commercial properties and residential subdivisions have been developed in the past 5 years as part of plan 4M-916.

3.0 TOPOGRAPHIC AND GEOLOGIC SETTING

The topography in the vicinity of the site has a gentle relief, generally sloping to the northeast.

Test pits on site encountered the following stratigraphy:

- grass and topsoil from 0 to 0.30 m below surface, layers of fill material were encountered at depths less than 0.3 m at several locations across the site;
- brown or grey, moist to wet, firm silty clay from 0.30 m to 0.6 m below surface;
- mottled blue grey to brown, wet, firm to very stiff clay with trace silt in places starting at 0.60 m below surface and continuing to indeterminate depth of at least 3.1 m below surface.

Although bare tabular limestone and dolomite bedrock outcrops were observed 500 metres to the southwest of the site (along highway 17), test pits advanced on site did not encounter bedrock at depths of up to 3.2 m below surface.

Local soils are described as abandoned river channel deposits consisting of silty and silty clay and commonly including lenses of sand underlain by deep water facies consisting of blue-grey clay, silt and silty clay, commonly reworked at depths less than 2 m below surface.

4.0 GENERIC CRITERIA SELECTION

A generic criteria selection (GCS) was conducted in accordance with the *Guideline for Use at Contaminated Sites in Ontario* (Ontario Ministry of the Environment and Energy, February, 1997). The completed GCS indicates that Table B soil remedial criteria apply for this site.

Since on-site soils contain less that 70% sand, they can be classifies as medium-fine grained soils. Therefore, Table B medium-fine grained soil criteria are the appropriate remedial criteria for this site.

A completed GCS and support rationale are included in Appendix II.

5.0 SOIL ANALYTICAL RESULTS

Soil samples were submitted for chemical analyses in three stages. The first set of samples was selected in order to give a general representation of each distinct layer with wide spatial distribution between samples. The second set of samples was selected to obtain a more detailed understanding of the distribution of elevated beryllium concentrations.

Nine samples were submitted in the first set and analyzed for metals (ICP scan) by Paracel Laboratories Ltd., of Ottawa, Ontario. Two of these samples were also analyzed for inorganics (anion scan) analysis. The second set consisted of eight samples which were analyzed for beryllium only by Paracel Laboratories. Duplicate analyses of two samples in the second set were performed by ICP-MS providing a lower detection limit at MDS Laboratories of Mississauga, Ontario.

Table 1 shows the concentrations of metals compared to MOEE (1997) Table B shallow soil remediation criteria for industrial/commercial land use in a non-potable groundwater situation.

Descriptions of the soil are provided on the test pit log in Appendix I. Laboratory analytical certificates for submitted soil samples are included in Appendix III.

Four of the nine samples in the first set had beryllium concentrations at or above guideline levels. No other metal concentrations were above guideline levels. Eight out of eight of the second set had beryllium concentrations above the guideline level.

The duplicate analyses were performed via ICP - MS to give a lower detection limit. Results were lower than those previously obtained however they were still above guidelines. Soil pH was tested as well, to verify that it was within the range provided in Table B. The soil pH was between 7 and 8, and therefore within the acceptable range for Table B.

The elevated beryllium concentrations seem to be associated with native soils on this site, and are believed to be naturally occurring.

Obtained concentrations of inorganics are shown on Table 2. There are currently no remediation criteria or guideline values for these parameters on Table B. However, the MOEE (1996) Guideline does provide background values for representative soils in Ontario (Table F). These background values are shown for comparative purpose on Table 2. Sample TP104-GS2 from 0.3 to 0.8 had chloride concentrations above Table F values.

6.0 DISCUSSION

Based upon laboratory analytical results of this ESA completed by Conor Pacific, subsurface soils contain the metal beryllium at concentrations above the applicable guideline. The elevated beryllium values are not restricted to one zone nor are they associated with an individual layer, rather they appear to be a naturally occurring feature of the native soil on this site.

TABLE 1: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR HEAVY METALS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE B, SURFACE SOIL REMEDIATION CRITERIA FOR INDUSTRIAL/COMMERCIAL LAND IN A NON-POTABLE GROUNDWATER SITUATION. UNITS AS SHOWN.

PROJECT E1484.0

PARAMETER	UNITS	MOEE TABLE IND/COMM	TP 101 GS1 0 - 0.2m	TP 104 GS2 0.3 - 0.8m	TP 104 GS3 0.8 - 2.3m	TP 106 GS1 0 - 0.5m	TP 107 GS1 0 - 0.5m	TP 108 GS2 0.6 - 1.8m	TP 111 GS1 0 - 0.3m	SP1	SP2
HEAVY METALS											
ALUMINUM	PCT	ng	0.66	2.06	3.02	3.43	3.02	3.63	1.76	0.58	0.58
ANTIMONY	ug/g	44	<5	<5	<5	<5	<5	<5	<5	<5	<5
ARSENIC	ug/g	50	9.00	8.00	21.00	22.00	21.00	23.00	<5	<5	6.00
BARIUM	ug/g	2000	64.00	214.00	308.00	273.00	274.00	361.00	152.00	63.00	54.00
BERYLLIUM	ug/g	1.2	0.40	0.90	1.20	1.40	1.30	1.50	0.70	0.40	0.40
BISMUTH	ug/g	ng	<5	<5	6.00	<5	<5	<5	<5	<5	<5
CADMIUM	ug/g	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCIUM	PCT	ng	<1	4.5	0.86	0.61	0.72	0.76	7.57	1.71	2.06
CHROMIUM (TOTAL)	ug/g	1000	18.00	63.00	120.00	126.00	119.00	139.00	60.00	15.00	15.00
CHROMIUM (VI)	ug/g	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
COBALT	ug/g	100	6.00	15.00	21.00	26.00	24.00	85.00	16.00	8.00	7.00
COPPER	ug/g	300	11.00	34.00	49.00	44.00	51.00	62.00	20.00	19.00	14.00
IRON	PCT	ng	1.24	3.03	4.36	4.33	4.2	4.61	2.31	1.42	1.31
LEAD	ug/g	1000	10.00	26.00	15.00	22.00	13.00	23.00	13.00	16.00	12.00
LITHIUM	ug/g	ng	11.00	18.00	32.00	24.00	27.00	32.00	21.00	11.00	9.00
MAGNESIUM	PCT	ng	0.54	1.35	2.91	2.25	2.65	2.59	0.86	0.42	0.97
MANGANESE	ug/g	ng	315.00	458.00	615.00	670.00	498.00	4390.00	513.00	264.00	271.00
MOLYBDENUM	ug/g	40	6.00	7.00	2.00	2.00	2.00	3.00	2.00	14.00	15.00
NICKEL	ug/g	200	12.00	41.00	63.00	64.00	62.00	160.00	29.00	22.00	18.00
NIOBIUM	ug/g	ng	<5	<5	<5	<5	<5	<5	<5	<5	<5
POTASSIUM	PCT	ng	0.13	0.49	1.05	0.73	0.94	0.80	0.35	0.08	0.05
SELENIUM	ug/g	10	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
SILVER	ug/g	50	<0.5	<0.5	0.80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SODIUM	PCT	ng	0.03	0.07	0.14	0.06	0.10	0.08	0.03	0.02	0.02
STRONTIUM	ug/g	ng	142.00	140.00	55.00	51.00	57.00	66.00	239.00	38.00	27.00
TIN	ug/g	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
TITANIUM	ug/g	ng	395.00	1940.00	3750.00	2900.00	3070.00	2277.00	1430.00	263.00	305.00
TUNGSTEN	ug/g	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
VANADIUM	ug/g	250	21.00	76.00	112.00	103.00	104.00	116.00	58.00	19.00	21.00
YTTRIUM	ug/g	ng	7.00	11.00	17.00	14.00	16.00	19.00	5.00	8.00	7.00
ZINC	ug/g	800	28.00	80.00	117.00	113.00	114.00	127.00	73.00	26.00	26.00

: INDICATES PARAMETER CONCENTRATION EQUAL TO OR EXCEEDING THE MOEE TABLE B CRITERIA

SAMPLE DATE = APRIL 7, 1997

ng = NO GUIDELINE VALUE

PCT = Percent

OTM141:\ARCTURUS\SUNDCO\E1484\TABLES\SOILQUAL.WQ1

D.N.P.

TABLE 1 CONT'D: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR HEAVY METALS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE B, SURFACE SOIL REMEDIATION CRITERIA FOR INDUSTRIAL/COMMERCIAL LAND IN A NON-POTABLE GROUNDWATER SITUATION. UNITS AS SHOWN.

PROJECT E1484.0

PARAMETER	UNITS	MOEE TABLE IND/COMM	TP 102 GS2 0.3 - 1.0m	TP 103 GS2 0.4 - 1.0m	TP 105 GS2 0.35 - 1.0m	TP 106 GS2 0.5 - 1.8m	TP 107 GS2 0.5 - 1.0m	TP 109 GS2 0.6 - 1.8m	TP 110 GS2 0.6 - 1.8m	TP 112 GS2 0.3-1.0
HEAVY METALS										
BERYLLIUM	ug/g	1.2	1.90	1.70	1.80	2.00	2.30	2.20	2.00	1.90

DUPLICATE ANALYSES PERFORMED AT MDS LABS

PARAMETER	UNITS	MOEE TABLE IND/COMM	TP 102 GS2 0.3 - 1.0m				TP 107 GS2 0.5 - 1.0m			
HEAVY METALS										
BERYLLIUM	ug/g	1.2	1.60				1.40			

D.H.P.

: INDICATES PARAMETER CONCENTRATION EQUAL TO OR EXCEEDING THE MOEE TABLE B CRITERIA

SAMPLE DATE = APRIL 7, 1997

O:\N141\ARCTURUS\SUNDOC\E1484\TABLES\SOILQUAL.WQ1

TABLE 2: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR INORGANICS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE B, SURFACE SOIL SOIL REMEDIATION CRITERIA FOR INDUSTRIAL/COMMERCIAL LAND USE IN A NON-POTABLE GROUNDWATER SITUATION AND TABLE F, SOIL BACKGROUND CONCENTRATION IN ONTARIO. ALL VALUES IN ug/g OR PPM.

PROJECT E1484.0

PARAMETER	MOEE TABLE B IND/COMM	MOEE TABLE F NON-AGRICULTURAL	TP 104 GS2 0.3 - 0.8m	SP2
BROMIDE	ng	ng	<4	<4
CHLORIDE	ng	58	66.00	56.00
FLUORIDE	ng	ng	<1	<1
NITRATE AS N	ng	40	<1	6.00
NITRITE AS N	ng	40	<1	<1
PHOSPHATE	ng	ng	<6	<6
SULFATE	ng	ng	289.00	1070.00

DHP

ng = NO GUIDELINE VALUE

OTM141:\ARCTURUS\SUNOCO\E1484\TABLES\SOILQUAL.WQ1

7.0 CLOSURE

This report was prepared by Conor Pacific for Sunoco Inc. and in accordance with the agreed upon terms of reference of the project. The information presented in this report reflects Conor Pacific's best understanding of the site conditions at the time of report preparation. Any use that a third party makes of this report, or any reliance on or decisions made based on this report are the responsibility of said third parties. Conor Pacific accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this report.

Respectfully Submitted,

Mike Grinnell, B.A.Sc., P.Eng.
Project Engineer
National Capital Region

Don Plenderleith, M.Sc., P.Eng.
Manager
National Capital Region

APPENDIX I
TEST PIT LOGS

TEST PITTING PROGRAM

Field Supervisor: Mark Martin

Test Pits Performed: April 7, 1997

ID	DEPTH (m)	STRATIGRAPHY	SAMPLE ID (DEPTH m)	COMBUSTIBLE SOIL VAPOURS (ppm)
TP101	0.0-0.20 0.20-2.0	Brown, moist, firm, sandy silt, some gravel Light brown, blue-grey, moist, firm to very stiff, clay with trace silt	TP101-GS1 (0.0-0.2) TP101-GS2 (0.2-1.0) TP101-GS3 (1.0-2.0)	<10 20 20
TP102	0.0-0.20 0.20-2.0	Sand and gravel fill Brown or blue grey, moist, firm to very stiff, clay with trace silt	TP102-GS1 (0.0-0.3) TP102-GS2 (0.3-1.0) TP102-GS3 (1.0-2.0)	20 <10 <10
TP103	0.0-0.4 0.4-2.1	Saturated sand and gravel fill Brown, moist, firm to very stiff, clay with trace silt. Electrical wire at 0.6 m.	TP103-GS1 (0.0-0.4) TP103-GS2 (0.4-1.0) TP103-GS3 (1.0-2.1)	<10 <10 <10
TP104	0.0-0.2 0.2-0.8 0.8-2.3	Brown to grey, moist, firm, silty fill Brown to grey, wet, firm, clayey silt, some rotten lumber present, marshy odour Brown or blue grey, moist, firm to very stiff, clay with trace silt	TP104-GS1 (0.0-0.3) TP104-GS2 (0.3-0.8) TP104-GS3 (0.8-2.3)	20 50 <10
TP105	0.0-0.15 0.15-0.35 0.35-2.0	Brown, saturated, silt and sand with some organics Brown or grey, moist, sand and gravel fill with some cobbles, groundwater infiltration at 0.30 m Brown or blue grey, moist, firm to very stiff, clay with trace silt	TP105-GS1 (0.0-0.35) TP105-GS2 (0.35-1.0) TP105-GS3 (1.0-2.0)	<10 20 <10
TP106	0.0-0.5 0.5-2.8	Brown, moist, firm, silt Mottled blue-grey-brown, moist, firm to very stiff clay	TP106-GS1 (0.0-0.5) TP106-GS2 (0.5-1.8) TP106-GS3 (1.8-2.8)	<10 <10 <10

TEST PITTING PROGRAM CONTINUED

Field Supervisor: Mark Martin

Test Pits Performed: April 7, 1997

ID	DEPTH (m)	STRATIGRAPHY	SAMPLE ID (DEPTH m)	COMBUSTIBLE SOIL VAPOURS (ppm)
TP107	0.0-0.5 0.5-1.9	Brown, moist, firm, silt Mottled blue-grey-brown, moist, firm to very stiff, clay	TP107-GS1 (0.0-0.5) TP107-GS2 (0.5-1.0) TP107-GS3 (1.0-1.9)	20 <10 <10
TP108	0.0-2.0	Brown or blue-grey, moist, firm to very stiff, clay with trace silt	TP108-GS1 (0.0-0.6) TP108-GS2 (0.6-2.0)	<10 <10
TP109	0.0-0.6 0.6-1.8	Brown-grey, moist to wet, firm, silty clay Brown-blue-grey, moist, firm to very stiff, clay with trace silt	TP109-GS1 (0.0-0.6) TP109-GS2 (0.6-1.8)	<10 <10
TP110	0.0-0.6 0.6-3.1	Brown-grey, moist to wet, firm, silty clay Brown-blue-grey, moist, firm to very stiff, clay with trace silt	TP110-GS1 (0.0-0.6) TP110-GS2 (0.6-1.8) TP110-GS3 (1.8-3.1)	<10 <10 <10
TP111	0.0-0.3 0.3-1.1 1.1-2.0	Brown, moist, compact, sand and gravel Brown or grey, moist to wet, firm, silty clay Brown-blue-grey, moist, stiff, clay with trace silt	TP111-GS1 (0.0-0.3) TP111-GS2 (0.3-1.1) TP111-GS3 (1.1-2.0)	20 <10 <10
TP112	0.0-0.3 0.3-2.0	Brown, moist, compact, silty sand with gravel and cobbles Light brown to blue-grey, moist, firm to stiff, clay with trace silt	TP112-GS1 (0.0-0.3) TP112-GS2 (0.3-1.0) TP112-GS3 (1.0-2.0)	<10 <10 <10

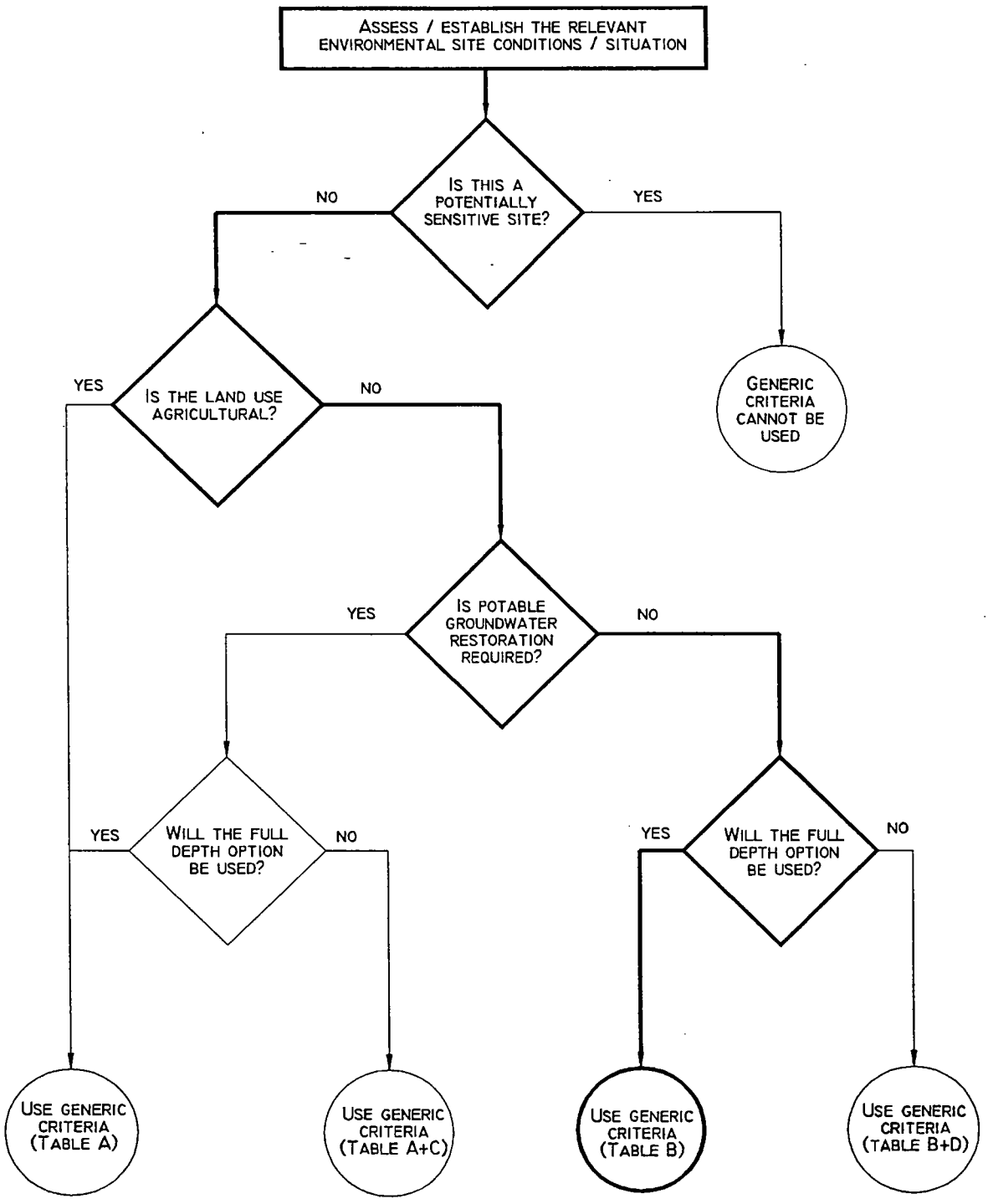
APPENDIX II
GENERIC SITE CRITERIA ANALYSIS

GENERIC SITE CRITERIA ANALYSIS
KEY DECISION RATIONALE
Lot 60 and Parts of Lot 59
Gloucester, Ontario

Decision #	Response	Rationale
1	No.	The site is not considered to be a sensitive site, as it fails to meet any of the conditions set out in Section 6.1 of the MOEE Guideline for Use at Contaminated Sites in Ontario (February 1997)
2	No.	The property is presently zoned as commercial land. Land surrounding the site is commercial or residential. Future plans call for the development of a operating retail fuel outlet on the property.
3	No.	A potable ground water restoration is not supplied since the site in the immediate surrounding area are municipally serviced for both water and sewer. No domestic water wells are apparent off-site.
4	Yes.	A full depth restoration will be used.

Since native soils on site are less than 70% sand, medium-fine grained soil criteria apply. Thus Table B medium-fine grained soil criteria apply to this site.

DECISIONS FOR SELECTING GENERIC CRITERIA



LEGEND

——— CRITICAL PATH

E1484.0

APPENDIX III
LABORATORY ANALYTICAL RESULTS

PARACEL LABORATORIES Ltd.
2319 St. Laurent Blvd., Unit 100
Ottawa, Ontario, Canada K1G 4K6
(613) 731-9577

CERTIFICATE OF ANALYSIS: W0264

Client: Conor Pacific Environmental Technologies
29 Camelot Drive, Unit 500
Nepean, Ontario K2E 5W6
Contact: Mr. Don Plenderleith
Phone: (613) 727-0216
Fax: (613) 727-1806

Report Date: 04/10/97
Sample Date: 04/08/97
Customer Order:
Project: E1484.0
Reference:SUNOCO-OTTAWA
Notes: nd=not detected

Analyst: M Bugeaud Michelle Bugeaud, B.Sc.

Parameter	MDL	Units	TP 106 GS1 W0264.1	TP 107 GS1 W0264.2	TP 108 GS2 W0264.3
Aluminum	0.010	PCT	3.4300	3.0200	3.6300
Antimony	5.000	µg/g	nd	nd	nd
Arsenic	5.000	µg/g	22.0000	21.0000	23.0000
Barium	1.000	µg/g	273.0000	274.0000	361.0000
Beryllium	0.200	µg/g	1.4000	1.3000	1.5000
Bismuth	5.000	µg/g	nd	nd	nd
Cadmium	1.000	µg/g	nd	nd	nd
Calcium	0.010	PCT	0.6100	0.7200	0.7600
Chromium	1.000	µg/g	126.0000	119.0000	139.0000
Cobalt	1.000	µg/g	26.0000	24.0000	85.0000
Copper	1.000	µg/g	44.0000	51.0000	62.0000
Iron	0.010	PCT	4.3300	4.2000	4.6100
Lead	1.000	µg/g	22.0000	13.0000	23.0000
Lithium	1.000	µg/g	24.0000	27.0000	32.0000
Magnesium	0.010	PCT	2.2500	2.6500	2.5900
Manganese	1.000	µg/g	670.0000	498.0000	4390.0000
Molybdenum	1.000	µg/g	2.0000	2.0000	3.0000
Nickel	1.000	µg/g	64.0000	62.0000	160.0000
Niobium	5.000	µg/g	nd	nd	nd
Potassium	0.050	PCT	0.7300	0.9400	0.8000
Silver	0.500	µg/g	nd	nd	nd
Sodium	0.010	PCT	0.0600	0.1000	0.0800
Strontium	1.000	µg/g	51.0000	57.0000	66.0000
Tin	20.000	µg/g	nd	nd	nd
Titanium	5.000	µg/g	2900.0000	3070.0000	2277.0000
Tungsten	20.000	µg/g	nd	nd	nd
Vanadium	1.000	µg/g	103.0000	104.0000	116.0000
Yttrium	1.000	µg/g	14.0000	16.0000	19.0000
Zinc	1.000	µg/g	113.0000	114.0000	127.0000
Bromide	4.0000	µg/g			
Chloride	1.0000	µg/g			
Fluoride	1.0000	µg/g			
Nitrate-N	1.0000	µg/g			
Nitrite-N	1.0000	µg/g			
Phosphate-P	6.0000	µg/g			
Sulphate	10.0000	µg/g			
Selenium	0.3000	µg/g	nd	nd	nd
Hexavalent Chromium	0.1000	µg/g	nd	nd	nd

	TP 111 GS1 W0264.4	TP 101 GS1 W0264.5	TP 104 GS2 W0264.6	TP 104 GS3 W0264.7	SP1 W0264.8	SP2 W0264.9
Al	1.7600	0.6600	2.0600	3.0200	0.5800	0.5800
Sn	nd	nd	nd	nd	nd	nd
As	nd	9.0000	8.0000	21.0000	nd	6.0000
Ba	152.0000	64.0000	214.0000	308.0000	63.0000	54.0000
Be	0.7000	0.4000	0.9000	1.2000	0.4000	0.4000
Bi	nd	nd	nd	6.0000	nd	nd
Cd	nd	nd	nd	nd	nd	nd
Ca	7.5700	5.1300	4.5000	0.8600	1.7100	2.0600
Cr	60.0000	18.0000	63.0000	120.0000	15.0000	15.0000
Co	16.0000	6.0000	15.0000	21.0000	8.0000	7.0000
Cu	20.0000	11.0000	34.0000	49.0000	19.0000	14.0000
Fe	2.3100	1.2400	3.0300	4.3600	1.4200	1.3100
Pb	13.0000	10.0000	26.0000	15.0000	16.0000	12.0000
Li	21.0000	11.0000	18.0000	32.0000	11.0000	9.0000
Mg	0.8600	0.5400	1.3500	2.9100	0.4200	0.9700
Mn	513.0000	315.0000	458.0000	615.0000	264.0000	271.0000
Mo	2.0000	6.0000	7.0000	2.0000	14.0000	15.0000
Ni	29.0000	12.0000	41.0000	63.0000	22.0000	18.0000
V	nd	nd	nd	nd	nd	nd
K	0.3500	0.1300	0.4900	1.0500	0.0800	0.0500
Ag	nd	nd	nd	0.8000	nd	nd
Sb	0.0300	0.0300	0.0700	0.1400	0.0200	0.0200
Sr	239.0000	142.0000	140.0000	55.0000	38.0000	27.0000
Tl	nd	nd	nd	nd	nd	nd
Ti	1430.0000	395.0000	1940.0000	3750.0000	263.0000	305.0000
Sn	nd	nd	nd	nd	nd	nd
W	58.0000	21.0000	76.0000	112.0000	19.0000	21.0000
U	5.0000	7.0000	11.0000	17.0000	8.0000	7.0000
Zn	73.0000	28.0000	80.0000	117.0000	26.0000	26.0000
			nd			nd
			66.0000			56.0000
			nd			nd
			nd			6.0000
			nd			nd
			nd			nd
			289.0000			1070.0000
	nd	nd	nd	nd	nd	nd
	nd	nd	nd	nd	nd	nd

Paracel Laboratories Ltd.

Date: **04/15/97**

Certificate of Analysis

Order # **C0293**

Client: **Conor Pacific Environmental Technologies**

Client Ref: **E1484.0** Project: **SHEFFORD+MTL RD.**

Note - DL is the lowest detection limit normally attainable by the laboratory and PQL is the lowest practical quantitation limit attainable for the sample. If the PQL is greater than the DL, the PQL levels apply to the sample.
- Run ID can be used to relate sample data to QC data when more than one QC run is included.

Sample ID: TP102 GS2

Paracel ID: C0293.1 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**1.9**

Sample ID: TP103 GS2

Paracel ID: C0293.2 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**1.7**

Sample ID: TP105 GS2

Paracel ID: C0293.3 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**1.8**

Sample ID: TP106 GS2

Paracel ID: C0293.4 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**2.0**

Sample ID: TP107 GS2

Paracel ID: C0293.5 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**2.3**

Sample ID: TP109 GS2

Paracel ID: C0293.6 Date Sampled: 04/07/97

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**2.2**

300-2319 St. Laurent Blvd., Ottawa, ON K1G 4K6 Voice (613) 731-9577 Fax: (613) 731-9064 Email: paracel@inasec.ca

Client: **Conor Pacific Environmental Technologies**

Client Ref: **E1484.0** Project: **SHEFFORD+MTL RD.**

Sample ID: TP110 GS2

Paracel ID: C0293.7 **Date Sampled: 04/07/97**

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**2.0**

Sample ID: TP112 GS2

Paracel ID: C0293.8 **Date Sampled: 04/07/97**

Parameter	Run ID	units	DL	PQL	Result
Beryllium	I0010772	µg/g	0.030	0.030	**1.9**

300-2319 St. Laurent Blvd., Ottawa. ON K1G 4K6 Voice (613) 731-9577 Fax: (613) 731-9064 Email: paracel@inasec.ca

MDS Environmental Services Limited.

Report of Analysis

Client : Conor Pacific Environmental Tech
Contact: Don Plenderleith

Report Date: April 18/97
MDS Ref # : 973260
MDS Quote #: 96-480-VG
Client PO#: Gloucester
Client Ref#: E1484.0

Analysis of Soil, expressed on a dry weight basis

Parameter / Date Sampled >	LOQ	Units	TP107-GS2 97/04/07	TP107-GS2 Replicate	TP102-GS2 97/04/07		
Beryllium	0.1	mg/kg	1.4	-	1.6		

LOQ = Limit of Quantitation = lowest level of the parameter that can be quantified with confidence.
- = Not Requested
NA = Not Applicable
nd = parameter not detected ! = LOQ higher than listed due to dilution ( ) Adjusted LOQ

jlm/a:\3260a

MDS Environmental Services Limited.

Report of Analysis

Client : Conor Pacific Environmental Tech
Contact: Don Plenderleith

Report Date: April 17/97
MDS Ref # : 973260
MDS Quote #: 96-480-VG
Client PO#: Gloucester
Client Ref#: E1484.0

Analysis of Soil, expressed on a dry weight basis

Parameter / Date Sampled >	LOQ	Units	TP101-GS2 97/04/07	TP101-GS2 Replicate	TP102-GS2 97/04/07		
pH	0.01	Units	7.44	7.43	7.83		
Moisture Content	0.01	%	25.3	24.9	25.5		

LOQ = Limit of Quantitation = lowest level of the parameter that can be quantified with confidence.

Certificate of Quality Control

Client : Conor Pacific Environmental Tech
Contact: Don Plenderleith

Date Reported: April 18/97
MDS Ref # : 973260
MDS Quote#: 96-480-VG
Client PO#: Gloucester
Client Ref#: E1484.0

Analysis of Soil, expressed on a dry weight basis

				Process Blank			Process % Recovery				Matrix Spike					Overall
Parameter	SAMPLE ID (spike)	LOQ	Units	Result	Upper Limit	Accept	Result	Lower Limit	Upper Limit	Accept	Result	Target	Lower Limit	Upper Limit	Accept	QC Acceptable
Beryllium	na	0.1	mg/kg	nd(b)	1.0	yes	101	80	120	yes	na	na	na	na	na	yes

LOQ = Limit of Quantitation = lowest level of the parameter that can be quantified with confidence
* = Unavailable due to dilution required for analysis
na = Not Applicable
ns = Insufficient Sample Submitted
nd = parameter not detected
TR = trace level less than LOQ
(b) = Analyte results on REPORT of ANALYSIS have been background corrected for the process blank.

jlm/a:\3260qc

Site: 650004

CORRESPONDENCE

DRAWINGS / PHOTOGRAPHS

OTHER (PERMITS, ETC)

PM Workbook

REPORTS

SAFETY

NON OPERATING FILES

2100 Family Mtl & Shelf Services

APPENDIX A

RESULTS OF CHEMICAL TESTING ON GROUNDWATER SAMPLE

REPORT OF ANALYSIS

ARECO CANADA INC., 23 CONCOURSE GATE, NEPEAN, ONTARIO, K2E 7T7
TELEPHONE: (613) 228 1145 FAX: (613) 228 1148

LABORATORY I.D.: 990692-5
SAMPLE MATRIX: Water
REPORT NUMBER: 6072606
CLIENTS JOB NUMBER: Golder, 921-2738
DATE SUBMITTED: 09-06-92
DATE REPORTED: 26-06-92

	UNITS	RESULTS				
PARAMETERS		M.D.L.	BH1			
pH		0.0-14.0	7.08			
Conductivity	uS/cm	1	1390			
Chloride	mg/L	1.0	187			
Sulphate	mg/L	1.0	23.0			

NOTE: Method Detection Limits (M.D.L.) are set up to meet M.O.E. requirements. Actual Instrument Detection Limits (I.D.L.) may be lower in some instances.

Certified by
Greg Clarkin, B.Sc., C.Chem
Lab Manager

Golder Associates Ltd.

1796 Courtwood Crescent
Ottawa, Ontario, Canada K2C 3S3
Telephone (613) 224-5864
Fax (613) 224-9928

Golder Associates

REPORT ON

GEOTECHNICAL INVESTIGATION

PROPOSED SERVICE STATION

MONTREAL AND SHEFFORD ROADS

GLOUCESTER, ONTARIO

Submitted to:

Sunoco Inc.
36 York Mills Road
North York, Ontario
M2P 2C5

"CONFIDENTIAL

TRADE SECRET AND SENSITIVE
COMMERCIAL INFORMATION

NOT TO BE DISCLOSED TO
THIRD PARTIES WITHOUT
THE PRIOR WRITTEN
PERMISSION OF SUNOCO INC."

DISTRIBUTION:

4 copies - Sunoco Inc.
2 copies - Golder Associates Ltd.

July 1992

921-2738A

Golder Associates Ltd.

1796 Courtwood Crescent
Ottawa, Ontario, Canada K2C 2B5
Telephone (613) 224-5864
Fax (613) 224-9928

July 2, 1992

921-2738A

Sunoco Inc.
36 York Mills Road
North York, Ontario
M2P 2C5

"CONFIDENTIAL

TRADE SECRET AND SENSITIVE
COMMERCIAL INFORMATION

NOT TO BE DISCLOSED TO
THIRD PARTIES WITHOUT
THE PRIOR WRITTEN
PERMISSION OF SUNOCO INC."

Attention: Mr. I.E.E. Spice, P. Eng.

RE: GEOTECHNICAL INVESTIGATION
PROPOSED SERVICE STATION
MONTREAL AND SHEFFORD ROADS
GLOUCESTER, ONTARIO

Dear Sirs:

This report presents the results of a geotechnical investigation carried out at the site of a proposed gasoline distribution and auto service station at the intersection of Montreal and Shefford Roads in Gloucester, Ontario. The purpose of the investigation was to determine the general soil and groundwater conditions at the site by means of a limited number of boreholes and, based on an interpretation of the factual data obtained, to provide geotechnical engineering guidelines for the design of the proposed structure and ancillary facilities, including construction considerations which could influence design decisions.

This geotechnical investigation is carried out in conjunction with an environmental site assessment at the site. The results of the geotechnical site assessment are forwarded under separate cover.

Authorization to proceed with this investigation was provided by Mr. I.E.E. Spice in a letter dated May 26, 1992.

DESCRIPTION OF SITE AND PROJECT

Plans are being prepared for the construction of a gasoline retail service station at a property located on the southwest corner of Montreal Road and Shefford Road in Gloucester, Ontario (see Key Plan, Figure 1).

The proposed development will entail the construction of a single storey, slab on grade structure with no basement, four (4) underground storage tanks, a canopy, a pile-on sign, and associated paved areas and access roads for the service station.

The site is bounded to the north and east by Montreal and Shefford Roads, respectively. Single family dwellings are located south of the site, and an open field is located west of it. In general, the site has a flat to slightly undulating topography. A drainage ditch is located along the south side of the site. A gravel surfaced area is located at the northeast corner of the site, and is currently occupied by a mobile food wagon. Some fill materials are present at ground surface at some locations across the site.

Golder Associates Ltd. previously carried a geotechnical investigation adjacent to this site. The results of that investigation indicate that this site is underlain by an extensive deposit of sensitive silty clay.

A site plan for this property was provided to us by Sunoco Inc. At the time of the field work, however, discrepancies were noted between the details shown on the site plan and the actual site features. Following a discussion with Mr. I.E.E. Spice of Sunoco Inc., it was decided to use the existing site features to prepare an approximate site plan for this property for the purpose of this report.

PROCEDURE

The field work for this investigation was carried out on June 1 and 2, 1990 at which time six (6) boreholes were put down across the site. The boreholes were advanced to a depth of 6.1 metres below the existing ground surface using a CME 55 power auger supplied and operated by a specialist drilling contractor.

Standard penetration testing and soil sampling was carried out at regular intervals of depth in all of the borehole using conventional drive open sampling equipment. The undrained shear strength of the silty clay soil was measured where practical by means of in situ shear vane testing. Three (3) perforated standpipes were installed in selected boreholes, and a filtered 38 millimetre well screen was installed in one borehole in order to allow subsequent measurement of the groundwater level and any required sampling of the groundwater at the site. One groundwater sample was recovered from one of the boreholes for routine chemical analysis related to the corrosion potential of steel elements and the potential for sulphate attack on concrete substructures. All of the soil samples obtained during this investigation were sealed in the field in sample jars and were brought to our laboratory for sample head space analyses, chemical analyses, and further examination. The field work was supervised throughout by a member of our technical staff who logged the boreholes and cared for the samples obtained.

A log of the subsurface conditions encountered in each boring is given on the Record of Borehole sheets following the text of this report. The approximate locations of the borings are shown on the Site Plan, Figure 2. As discussed earlier, the Site Plan shown on Figure 2 has been prepared by Golder Associates Ltd. from site observations and approximate field measurements. The Site Plan shown on Figure 2 is provided for illustrative purposes only, and is not expected to accurately represent the actual property.

The borings were located in the field by Golder Associates Ltd. with reference to existing site features. Golder Associates Ltd. also determined the ground surface elevation at the location of each borehole with reference to the National Capital Commission Benchmark Number 019 88 1897 (Order of Control) which is described as a round iron bar set south of Montreal Road opposite to the entrance of Beacon Height Condominiums west of Shefford Road. The elevation of this bench mark was given to us as 61.9 metres, Geodetic datum.

SUBSURFACE CONDITIONS

Soil Conditions

The subsurface conditions encountered in the boreholes are shown on the attached Record of Borehole sheets. The soil boundaries indicated on these records have been inferred from non-continuous sampling and observation of drilling resistance, and have been simplified in terms of the major soil strata encountered in the boreholes for the purpose of geotechnical design. The soil boundaries indicated typically represent a transition from one soil type to another and should not be interpreted to represent exact planes of geological change. Further, the Record of Borehole sheets represent the subsurface conditions only at the time of drilling and at the locations indicated on Figure 2.

In general, the soil conditions encountered at the site consist of fill and/or topsoil materials underlain by an extensive deposit of sensitive silty clay.

Fill materials were encountered at ground surface at the locations of boreholes 1, 2 and 3. Figure 2 also shows some additional locations were fill is evident at ground surface. The thickness of the fill encountered in the boreholes ranges between about 0.1 and 0.2 metres. The fill at boreholes 1, 2 and 3 is underlain by a layer of topsoil.

Topsoil is also encountered at ground surface in boreholes 4 and 5. The thickness of the topsoil encountered in the boreholes is about 0.1 to 0.3 metres.

All of the boreholes encountered and were terminated within a deposit of sensitive silty clay. The upper portion of the silty clay has weathered to form a grey brown crust. The weathered silty clay crust extends to depths of about 3.6 to 5.2 metres below the existing ground surface at this site. Standard penetration testing carried out within the weathered crust gave standard penetration test N values between 1 and 15 blows per 0.3 metres, generally decreasing with depth, indicating a very stiff to stiff consistency. Field vane strength testing carried out within the lower portion of the weathered crust gave undrained shear strength values between 73 and 92 kilopascals.

Below the weathered crust, the silty clay becomes grey in colour, and its consistency decreases to firm to stiff. Field vane testing carried out within the grey silty clay gave undrained shear strength values between 38 and 65 kilopascals. All of the boreholes were terminated within the grey silty clay at a depth of 6.1 metres below the existing ground surface.

Groundwater Conditions

The groundwater level observed in the boreholes during drilling and measured in the stand pipes and monitoring well installed in the boreholes are shown on the Record of Borehole sheets. The groundwater level observed and measured range between elevation 57.5 and 58.6 metres, or between depths of 1.2 and 1.8 metres below the existing ground surface in June, 1992.

It should be noted that the groundwater level is subject to seasonal variations, and may be affected by construction activities on this or adjacent sites.

The results of chemical analysis carried out on one groundwater sample obtained from borehole 1 are shown on the attached Areco Canada Inc. Report Number 6072606, Appendix A. The results of chemical analysis indicate that the groundwater sample has a pH of 7.08, an electrical conductivity of 1390 microsiemens per centimetre, and soluble sulphate and chloride concentrations of 24 and 187 milligrams per litre, respectively.

PROPOSED SITE DEVELOPMENT

General

This section of the report provides engineering guidelines on the geotechnical design aspects of the project based on our interpretation of the borehole information and project requirements. It is stressed that the information in this portion of the report is provided for the guidance of the design engineers. Contractors bidding on or undertaking the works should examine the factual results of the investigation, satisfy themselves as to the adequacy of the information for construction and make their own interpretation of the factual data as it affects their proposed construction techniques, schedule, safety and equipment capabilities.

A preliminary environmental assessment was carried out by Golder Associates Ltd. in conjunction with this investigation. The results of the preliminary environmental site assessment are provided under separate cover, and should be read in conjunction with this report.

Building Foundations

The site is underlain by an extensive deposit of sensitive silty clay, the upper portion of which has weathered to form a very stiff to stiff crust.

From a foundation design perspective, best use of the site can be made by optimizing the strength of the weathered crust to distribute the foundation loads onto the softer grey silty clay at depth. This can be achieved by founding the proposed building as high as possible within the subsoil profile, consistent with the requirements for earth cover for frost protection.

Allowable bearing pressures for foundations on soil conditions such as those encountered at this site are based on a criterion of limiting stress increases on the weaker compressible grey silty clay to an acceptable level such that foundation settlement does not become excessive. Four important parameters in calculating the stress increase on the grey silty clay material under the weathered crust are:

1) thickness of the weathered crust below the base of the foundations,

2) size (dimensions) of the foundation,

3) amount of surcharge in the vicinity of the footing due to landscape fill, floor loads and the like, and

4) lowering of the groundwater level caused by the development.

For planning and design purposes, it has been assumed that the finished ground floor elevation for the proposed structure and the adjacent landscaping will be no more than about 0.5 metres above the original grade at the site. For strip footings having a width of up to 0.75 metres and for square footings up to 2.0 metre in size founded at a depth

not greater than 1.5 metres below the existing ground surface, an allowable bearing pressure of 100 kilopascals may be used for design purposes. For larger footings, footings placed at lower elevations, or for increases in exterior grades, the above allowable bearing pressures will change and new values must be calculated taking any such changes into account.

The post construction total and differential settlement of footings sized using the above allowable bearing pressures should be less than 25 and 15 millimetres, respectively, provided that the soil at or below the founding level is not disturbed during construction.

For design purposes, a foundation factor, F, of 1.3 should be utilized for computing earthquake forces on the structure.

All exterior footings and footings in unheated areas should be provided with a minimum of 1.5 metres of earth cover following final grading for the purposes of frost protection. The exposed founding subgrade should be protected from freezing weather during construction.

The native soils at this site are highly frost susceptible and, as a result, should not be used as backfill against unheated or well insulated foundation walls. To avoid potential problems with frost adhesion and heaving, these foundation elements should be backfilled with non-frost susceptible sand or sand and gravel conforming to OPSS requirements for Granular B Type I. Perimeter foundation drainage is not considered necessary at this site provided that the floor slab level is everywhere above the existing grade level, and provided there is no basement or similar facilities (such as sunken service pits) in the proposed structure.

Slab on Grade

In preparation for the construction of the slab on grade, all existing fill and topsoil materials should be excavated from the slab area. The exposed subgrade should be thoroughly proof rolled using a static roller, and any soft areas identified by the proof rolling should be subexcavated and backfilled with imported granular materials conforming to Ontario Provincial Standard Specifications (OPSS) for Granular B Type I or II compacted to 95 percent of the standard Proctor maximum dry density. The subgrade should be inspected and approved by experienced geotechnical personnel during proof rolling.

A 150 millimetre thickness of OPSS Granular A crushed stone should be provided to form the base of the slab on grade. The underslab granular fill should be compacted to 95 percent of standard Proctor maximum dry density using suitable vibratory equipment. Any bulk fill required to raise the grade should consist of OPSS Granular B Type I or II placed in maximum 0.3 metre thick loose lifts and compacted to at least 95 percent of the standard Proctor density.

In order to control slab cracking, saw cut joints should be provided at regular intervals across the slab on grade within the first 24 hours of curing. The slab on grade should also be structurally separated from walls and columns, by means of suitable joints.

Foundations for Buried Storage Tanks

Buried storage tanks filled with fluid are lighter than the soil volumes they replace. Accordingly, these units will tend to be buoyant and will not increase the effective stress in the founding soil. The foundation design of such structures will depend on the selected method to resist the hydrostatic groundwater uplift pressures when the tanks are empty. Two possible design approaches are:

1) providing positive drainage around the tanks in order to eliminate uplift pressures, and

2) connecting the tanks to a support capable of resisting uplift pressures by using gravity.

The first alternative will entail lowering of the groundwater level in the vicinity of the tanks. If this alternative is selected, the effects of groundwater lowering on the tanks and adjacent structures should be negligible, depending on the size and shape of the tanks. Additional guidelines can be provided by this office if this alternative is selected.

Uplift water pressure on the base of underground tanks may be calculated using a uniform distribution having a magnitude of:

$$\gamma_w (h_1 - h_2)$$

where:

γ_w = unit weight of groundwater = 9.81 kilonewtons per cubic metre,
h_1 = depth of the tank base in metres, and
h_2 = depth of the seasonally high groundwater level = 0.5 metres.

In resisting the hydrostatic uplift pressures, the submerged weights of the empty tank, the supporting concrete base slab, and the tank backfill should be considered where appropriate. In order to increase the weight of backfill involved in resisting uplift pressures, the size of the concrete base slab may be increased. For design purposes, the effective unit weight of the granular tank backfill may be taken as 19, and 9 kilonewtons per cubic metres above and below the groundwater level, respectively. The volume of the backfill which can be considered for uplift resistances is located within a zone extending upward at an inclination of 1 horizontal to 2 vertical from the edges of the concrete base slab.

As indicated above, the tank backfill should consist of free draining, non-frost susceptible granular material. Materials meeting OPSS gradation requirements for Granular B Type I would be suitable for this purpose. The tank backfill should be carefully compacted to 95 percent of the standard proctor maximum dry density.

Foundations for Pile-On Sign

The proposed pile-on sign is expected to be a light structure subjected mostly to overturning moments from wind loads. Accordingly, the foundation design of this structure is expected to be controlled by the soil bearing capacity, and not soil settlement.

Based on the results of this investigation, the proposed pile-on sign may be supported on spread footings bearing on the native silty clay crust at a depth of 1.8 metres below finished grade for frost protection purposes. In considering temporary (non-sustained) wind loads, the footing(s) of the pile-on sign may be sized using a maximum allowable bearing pressure of 150 kilopascals for square footings having of width of up to 2.0 metres, and of 125 kilopascals for square footings having a width of up to 3.0 metres. The footings sized as indicated above should be checked to ensure that the total sustained loads on the pile-on sign do not produce footing pressures in excess of 100, and 50 kilopascals for square footings having widths of up to 2.0 and between 2.0 and 3.0 metres, respectively.

In order to minimize the potential for frost adhesion and uplifting of the proposed pile-on sign, it is suggested that the backfill against the sign support consist of non-frost susceptible granular materials such as OPSS Granular B Type I. Alternatively, a double layer of 10 mil polyethylene sheeting may be provided between the sign support and the native backfill for this purpose to act as a bond breaker.

Excavations

The foundation excavations for the proposed structure and the excavations for underground tanks and site services will encounter fill and topsoil followed by very stiff to stiff grey brown silty clay crust.

It is considered that open cut excavations can be carried out to depths of about 3 metres using 1 horizontal to 1 vertical side slopes with adequate bottom and side stability. Some groundwater inflow into the open excavations should be anticipated, but such water volumes should be adequately handled by pumping from filtered sumps located within the excavations.

All excavations should conform to the current requirements of the Ontario Occupational Health and Safety Act.

Apron and Paved Areas

All existing fill and topsoil should be stripped from the proposed concrete apron and pavement areas. The exposed subgrade should be proof rolled using a static roller and any soft areas evident from the proof rolling should be subexcavated and backfilled using well compacted OPSS Granular B Type II. The pavement structure in car parking areas should be as follows:

50 millimetres of hot mix asphalt (HL3) over
150 millimetres of OPSS Granular A pavement base over
300 millimetres of OPSS Granular B, Type II pavement subbase.

For access routes or lanes and other areas which will carry trucks or heavy traffic the subbase thickness should be increased to 450 millimetres and the asphaltic concrete thickness should be increased to 80 millimetres.

The pavement base and subbase materials should be compacted to 100 percent of the standard Proctor maximum dry density. The asphaltic concrete should be compacted to 97 percent of the Marshall density.

The pavement subgrade should be shaped to promote drainage of the pavement granulars. In addition, all catch basins should be provided with perforated stub drains extending approximately 3 metres out of each catch basin in 4 directions. The drains should be installed at the base of the subbase layer.

The apron may consist of a concrete slab having a thickness of 150 millimetres constructed over 150 millimetres of OPSS Granular A, followed by 300 millimetres of OPSS Granular B Type II. The granular backfill beneath the apron should be compacted to 100 percent of the standard Proctor maximum dry density. The concrete should be designed for Class A exposure and meet the requirements of CSA A23.1-M90.

In order to control cracking, the concrete apron should be provided with saw cut joints at regular intervals within the first 24 hours of curing. The apron should be structurally separated from the pump islands by means of suitable joints.

As indicated earlier in this report, it is suggested that the backfill against foundation elements consist of non frost susceptible granular materials. In order to minimize the effects of differential frost heaving in paved areas adjacent to foundation walls and the like, the granular backfill against such foundation elements should be tapered into the native silty clay soils at as flat a taper as possible; flatter tapers produce less differential frost heaving. As a minimum, the clay subgrade in such areas should have an inclination of at least 2 horizontal to 1 vertical upwards and outwards from the level of the perimeter footings.

Site Services

The granular bedding beneath service pipes at this site should consist of a minimum thickness of 150 millimetres of OPSS Granular A crushed stone. The thickness of the bedding should be increased to 300 millimetres in areas where the subgrade consists of grey silty clay at pipe invert level. To minimize disturbance of the pipe subgrade, the bedding material should be placed as soon as grade is reached. The pipe cover should also consist of a minimum 150 millimetre thickness of OPSS Granular A material.

In order to minimize differential frost heave between sections of paved areas which are underlain by trench backfill and those underlain by the native soil, the soil used as trench backfill should match that exposed on the trench walls within the zone of frost penetration (i.e. from pavement subgrade to 2 metres below the top of the asphalt). Granular fill or acceptable native soil could be used below that depth.

Because of the wet and highly sensitive nature of the grey silty clay at the site, it is suggested that only the upper grey brown crust of the silty clay be used for trench backfill. Any excavated grey silty clay should be wasted or used for filling in areas not sensitive to settlement. The native weathered silty clay should be placed in maximum 300 millimetres thick lifts and should be compacted to at least 95 percent of the standard Proctor density to provide an acceptable subgrade for the paved areas. The weathered silty clay crust should be compacted using suitable equipment such as a sheepsfoot roller. Depending on the prevailing weather conditions, some drying of the silty clay backfill may be required in order to achieve the desired level of compaction.

To prevent the granular bedding in the service trenches from acting as a french drain which would induce groundwater lowering and undesirable settlement in the lower clay deposits, seepage barriers should be installed across the incoming service line trenches just inside the property lines. The seepage barriers should begin at subgrade level and extend to the finished level of the silty clay crust near ground surface, interrupting the

granular bedding and/or backfill. These barriers should extend the full width of the trench to effectively seal potential groundwater flow in the trench backfill. These seepage barriers may consist of a 1.5 metre wide dyke of compacted weathered silty clay crust.

Corrosion Potential

The results of chemical testing on one groundwater sample from the site are provided in Appendix A, and indicate that soluble sulphate concentrations in the sample should not cause deterioration of concrete made from normal (Type I) Portland cement. The results of chemical analysis, however, indicate that the groundwater at this site represents a potential corrosive environment for unprotected steel elements. As such, it would be prudent to provide underground steel utilities with some form of corrosion protection. Several schemes are available for this purpose and include cathodic protection, use of fibre glass and plastic utilities, thickening of buried steel tanks to provide sacrifice metal thickness for corrosion consumption, etc.

DESIGN AND CONSTRUCTION CONSIDERATIONS

Only conceptual design details were available at the time of preparation of this report. In order to insure that the final design is consistent with the intent of this report, the geotechnical aspects of the final design should be reviewed by this office prior to finalizing.

All exposed foundation subgrades should be inspected by the geotechnical consultant to ensure that the soils exposed at the proposed founding elevation are consistent with those encountered in the boreholes. It should be noted that the upper surface (0.3 to 0.5 metres) of the silty clay crust is sometimes disturbed by frost action. As a result, this upper portion of the crust may, in localized areas, peel during excavation and/or may

not be suitable for the support of foundations. Allowance should be made in the tender for such overexcavation of the silty clay crust.

The native soils at the site are sensitive to disturbance from construction operations, ponded water and frost. Excavated foundation areas should be poured as soon as possible. Alternatively, working mats of lean concrete may be utilized to minimize subgrade disturbance should it be necessary to delay the pouring of footings. Construction traffic operating directly on the subgrade should be avoided and, if necessary, temporary access roadways may be constructed for construction traffic purposes. Groundwater flow into the open excavations should be controlled by means of properly filtered sumps dug within the excavations.

In order to ensure satisfactory performance of completed pavements, geotechnical inspections and testing should be maintained throughout the construction phase of the project. Subgrade inspections should be carried out in all areas of new pavement to confirm that a suitable subgrade is exposed. In situ density testing should be carried out on the backfill materials including service trench backfill and pavement base and subbase materials. Pertinent laboratory testing should be conducted in conjunction with the field work. In situ density testing should be carried out on the surface of the asphaltic concrete and asphalt samples should be taken for extraction and grading as well as Marshall compliance testing.

We trust that this report is sufficient for your to proceed with the design of the proposed development. Should you have any question concerning this report, or if we may be of further service to you on this project, please do not hesitate to contact us.

Yours truly,

GOLDER ASSOCIATES LTD.

M.M. Hamzeh, P. Eng.

for R.A. Montgomery, P. Eng.
Principal

MMH:RAM:cr
RCR4

Attachments

Abbreviations and Symbols
Record of Borehole sheets
Figures 1 and 2
Appendix A

The abbreviation commonly employed on each "Record of Borehole," on the figures and in the text of the report, are as follows:

I. SAMPLE TYPES

AS auger sample
CS chunk sample
DO drive open
DS Denison type sample
FS foil sample
RC rock core
ST slotted tube
TO thin-walled, open
TP thin-walled, piston
WS wash sample

II. PENETRATION RESISTANCES

Dynamic Penetration Resistance:

The number of blows by a 63.5 kg (140 lb) hammer dropped 760 mm (30 in.) to drive uncased a 50 mm (2 in.) diameter, 60° cone attached to "A" size drill rods for a distance of 0.3 m (12 in.).

Standard Penetration Resistance, *N*:

The number of blows by a 63.5 kg (140 lb) hammer dropped 760 mm (30 in.) required to drive a 50 mm (2 in.) drive open sampler for a distance of 0.3 m (12 in.).

WH sampler advanced by static weight—weight, hammer

PH sampler advanced by pressure—pressure, hydraulic

PM sampler advanced by pressure—pressure, manual

III. SOIL DESCRIPTION

(a) *Cohesionless Soils*

Relative Density	'N' Blows/0.30m or Blows/ft.
Very loose	0 to 4
Loose	4 to 10
Compact	10 to 30
Dense	30 to 50
Very dense	over 50

(b) *Cohesive Soils*

Consistency	'Cu' kPa	'Cu' psf.
Very soft	0 to 12	0 to 250
Soft	12 to 25	250 to 500
Firm	25 to 50	500 to 1000
Stiff	50 to 100	1000 to 2000
Very stiff	100 to 200	2000 to 4000
Hard	over 200	over 4000

IV. SOIL TESTS

C consolidation test
H hydrometer analysis
M sieve analysis
MH combined analysis, sieve and hydrometer[1]
Q undrained triaxial[2]
R consolidated undrained triaxial[2]
S drained triaxial
U unconfined compression
V field vane test

NOTES:
[1]Combined analyses when 5 to 95 per cent of the material passes the No. 200 sieve.
[2]Undrained triaxial tests in which pore pressures are measured are shown as $\bar{Q}$ or $\bar{R}$.

I. GENERAL

π = 3.1416

e = base of natural logarithms 2.7183

$\log_e a$ or $\ln a$, natural logarithm of a

$\log_{10} a$ or $\log a$, logarithm of a to base 10

t time

g acceleration due to gravity

V volume

W weight

M moment

F factor of safety

II. STRESS AND STRAIN

u pore pressure

σ normal stress

σ' normal effective stress ($\bar{\sigma}$ is also used)

τ shear stress

ϵ linear strain

ϵ_{xy} shear strain

ν Poisson's ratio (μ is also used)

E modulus of linear deformation (Young's modulus)

G modulus of shear deformation

K modulus of compressibility

η coefficient of viscosity

III. SOIL PROPERTIES

(a) *Unit weight*

γ unit weight of soil (bulk density)

γ_s unit weight of solid particles

γ_w unit weight of water

γ_d unit dry weight of soil (dry density)

γ' unit weight of submerged soil

G_s specific gravity of solid particles $G_s = \gamma_s/\gamma_w$

e void ratio

n porosity

w water content

S_r degree of saturation

(b) *Consistency*

w_L liquid limit

w_P plastic limit

I_P plasticity index

w_S shrinkage limit

I_L liquidity index $= (w - w_P)/I_P$

I_C consistency index $= (w_L - w)/I_P$

e_{max} void ratio in loosest state

e_{min} void ratio in densest state

D_r relative density $= (e_{max} - e)/(e_{max} - e_{min})$

(c) *Permeability*

h hydraulic head or potential

q rate of discharge

v velocity of flow

i hydraulic gradient

k coefficient of permeability

j seepage force per unit volume

(d) *Consolidation (one-dimensional)*

m_v coefficient of volume change $= -\Delta e/(1+e)\Delta\sigma'$

C_c compression index $= -\Delta e/\Delta \log_{10}\sigma'$

c_v coefficient of consolidation

T_v time factor $= c_v t/d^2$ (d, drainage path)

U degree of consolidation

(e) *Shear strength*

τ_f shear strength

c' effective cohesion intercept

ϕ' effective angle of shearing resistance, or friction

(in terms of effective stress $\tau_f = c' + \sigma' \tan\phi'$)

c_u apparent cohesion*

ϕ_u apparent angle of shearing resistance, or friction

(in terms of total stress $\tau_f = c_u + \sigma \tan\phi_u$)

μ coefficient of friction

S_t sensitivity

*For the case of a saturated cohesive soil, $\phi = 0$ and the undrained shear strength $\tau_f = c_u$ is taken as half the undrained compressive strength.

PROJECT: 921-2738

RECORD OF BOREHOLE 1

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 1, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m; SHEAR STRENGTH Cu, kPa (nat.V. + Q · ●; rem.V. ⊕ U · O)	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT, PERCENT (Wp, W, Wl)	ADDITIONAL LAB TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0		Ground Surface		59.40							
		Grey and brown crushed stone (FILL)		0.00 / 59.16							
		Dark brown silty clay TOPSOIL		0.24 / 58.97	1	SS	11				
				0.43							
1					2	SS	15				
2					3	SS	11				
		Very stiff to stiff grey brown SILTY CLAY (Weathered Crust)			4	SS	7				
3					5	SS	4				
4								⊕ +			
					6	SS	1				
5				54.16 / 5.24							
		Stiff grey SILTY CLAY						⊕ +			
6				53.30 / 6.10				⊕ +			
		End of Hole									
7											
8											
9											
10											

0 / 15 ◆ 5 PERCENT AXIAL STRAIN AT FAILURE / 10

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M.M.H.

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 2

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 1, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m; SHEAR STRENGTH Cu, kPa (nat.V. + Q · ●; rem.V. ⊕ U · O)	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT, PERCENT (Wp, W, Wl)	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0		Ground Surface		59.57							
		Grey crushed stone (FILL)		0.00							
		Dark brown silty clay TOPSOIL		0.12							
				0.27	1	SS	12				Bentonite Seal
1					2	SS	11				
					3	SS	11				Native Backfill
2	Power Auger 200mm Diam (Hollow Stem)	Stiff to very stiff grey brown SILTY CLAY (Weathered Crust)			4	SS	9				
3					5	SS	4				
4				55.46 4.11							
5		Stiff grey SILTY CLAY			6	SS	WH				Standpipe
6				53.47							
		End of Hole		6.10							W.L in Standpipe at Elev.58.35m June 3, 1992
7											
8											
9											
10											

5 ◆ 5 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M M H

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 3

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 1, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m; SHEAR STRENGTH Cu, kPa (nat V. + Q. ● rem V. ⊕ U. O)	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT, PERCENT (Wp W Wl)	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0		Ground Surface		59.90							
		Grey crushed stone (FILL)		0.08							
		Dark brown silty clay TOPSOIL		59.58 0.34	1	SS	8				Bentonite Seal
1					2	SS	8				
		Stiff to very stiff grey brown SILTY CLAY, occasional red brown layer (Weathered Crust)			3	SS	9				
2	Power Auger 200mm Diam (Hollow Stem)				4	SS	5				Granular Filter
					5	SS	2				38mm PVC #10 Slot Screen
3				56.09 3.81							
4		Firm to stiff grey SILTY CLAY			6	SS	WH				
5											
6				53.80 6.10							
		End of Hole									W.L in Screen at Elev. 58.35m June 3, 1992
7											
8											
9											
10											

0 5 10 5 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 : 50

Golder Associates

LOGGED: M.M.H

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 4

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 2, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m	HYDRAULIC CONDUCTIVITY, k, cm/s	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0	Power Auger 200mm Diam (Hollow Stem)	Ground Surface		59.75				SHEAR STRENGTH Cu, kPa (nat.V. + O·●; rem.V. ⊕ U·O); 20 40 60 80	WATER CONTENT, PERCENT Wp W Wl; 20 40 60 80		
		Dark brown silty clay TOPSOIL		59.63 / 0.12							
		Stiff to very stiff grey brown SILTY CLAY (Weathered Crust)			1	SS	9				Bentonite Seal
1					2	SS	8				Native Backfill
					3	SS	5				
2					4	SS	3				
					5	SS	1				
				58.15 / 1.60							
4		Firm to stiff grey SILTY CLAY						⊕ +			
					5	SS	WH	⊕ +			Standpipe
5								⊕ +			Caved Material
				53.85 / 5.10				⊕ +			
6		End of Hole									W.L. in Standpipe at elev. 58.56m June 3, 1992
7											
8											
9											
10											

0 5 10 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M.M.H.

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 4

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 2, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m; SHEAR STRENGTH Cu, kPa (nat.V. + ⊕ rem.V. Q ● U ○) 20 40 60 80	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT, PERCENT Wp W Wl 20 40 60 80	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0	Power Auger 200mm Diam (Hollow Stem)	Ground Surface		59.75							
		Dark brown silty clay TOPSOIL		59.63							
				0.12	1	SS	9				Bentonite Seal
1					2	SS	8				
		Stiff to very stiff grey brown SILTY CLAY (Weathered Crust)			3	SS	5				Native Backfill
2					4	SS	3				
3					5	SS	1				
				56.15							
				3.60							
4		*Firm to stiff grey* SILTY CLAY			6	SS	WH				Standpipe
5											Caved Material
6				53.65							
		End of Hole		6.10							W.L in Standpipe at elev. 58.56m June 3, 1992
7											
8											
9											
10											

0 5 10 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M.M.H

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 5

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 2, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m; SHEAR STRENGTH Cu, kPa (nat.V - +, rem.V - ⊕, Q - ●, U - O)	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT, PERCENT (Wp, W, Wl)	ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION
0	Power Auger 200mm Diam (Hollow Stem)	Ground Surface		59.27							
		Dark brown silty clay TOPSOIL		0.00 / 59.06							
				0.21	1	SS	7				
1					2	SS	7				
		Stiff to very stiff grey brown SILTY CLAY (Weathered Crust)			3	SS	6				▽
2					4	SS	3				
3					5	SS	1				
4				55.31 / 3.96				⊕ +			
		Firm to stiff grey SILTY CLAY			6	SS	1	⊕ +			
5								⊕ +			
6				53.17 / 6.10				⊕ +			
		End of Hole									W.L in Open Hole at Elev. 57.50m June 2, 1992
7											
8											
9											
10											

0 15 ◆ 5 10 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M.M.H

CHECKED:

PROJECT: 921-2738

RECORD OF BOREHOLE 6

SHEET 1 OF 1

LOCATION: See Figure 2

BORING DATE: June 2, 1992

DATUM: Geodetic

SAMPLER HAMMER, 63.5kg; DROP, 760mm

PENETRATION TEST HAMMER, 63.5kg; DROP, 760mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m
0	Power Auger 200mm Diam (Hollow Stem)	Ground Surface		59.12 / 0.00			
		Stiff to very stiff grey brown SILTY CLAY (Weathered Crust)			1	SS	10
1					2	SS	9
					3	SS	6
2					4	SS	4
3					5	SS	1
4				55.16 / 3.96			
		Firm to stiff grey SILTY CLAY			6	SS	1
5							
6				53.02 / 5.10			
		End of Hole					
7							
8							
9							
10							

DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m

SHEAR STRENGTH Cu, kPa — nat.V - + Q - ● rem.V - ⊕ U - O

20 40 60 80

HYDRAULIC CONDUCTIVITY, k, cm/s

WATER CONTENT, PERCENT

Wp — W — Wl

20 40 60 80

ADDITIONAL LAB. TESTING

PIEZOMETER OR STANDPIPE INSTALLATION

Bentonite Seal

Native Backfill

Caved Material

W.L in Open Hole at Elev.57.83m June 2, 1992

5 PERCENT AXIAL STRAIN AT FAILURE

DEPTH SCALE

1 to 50

Golder Associates

LOGGED: M.M.H

CHECKED:

KEY PLAN

FIGURE 1

SCALE
1 : 18,500

N

SPECIAL NOTE
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING REPORT

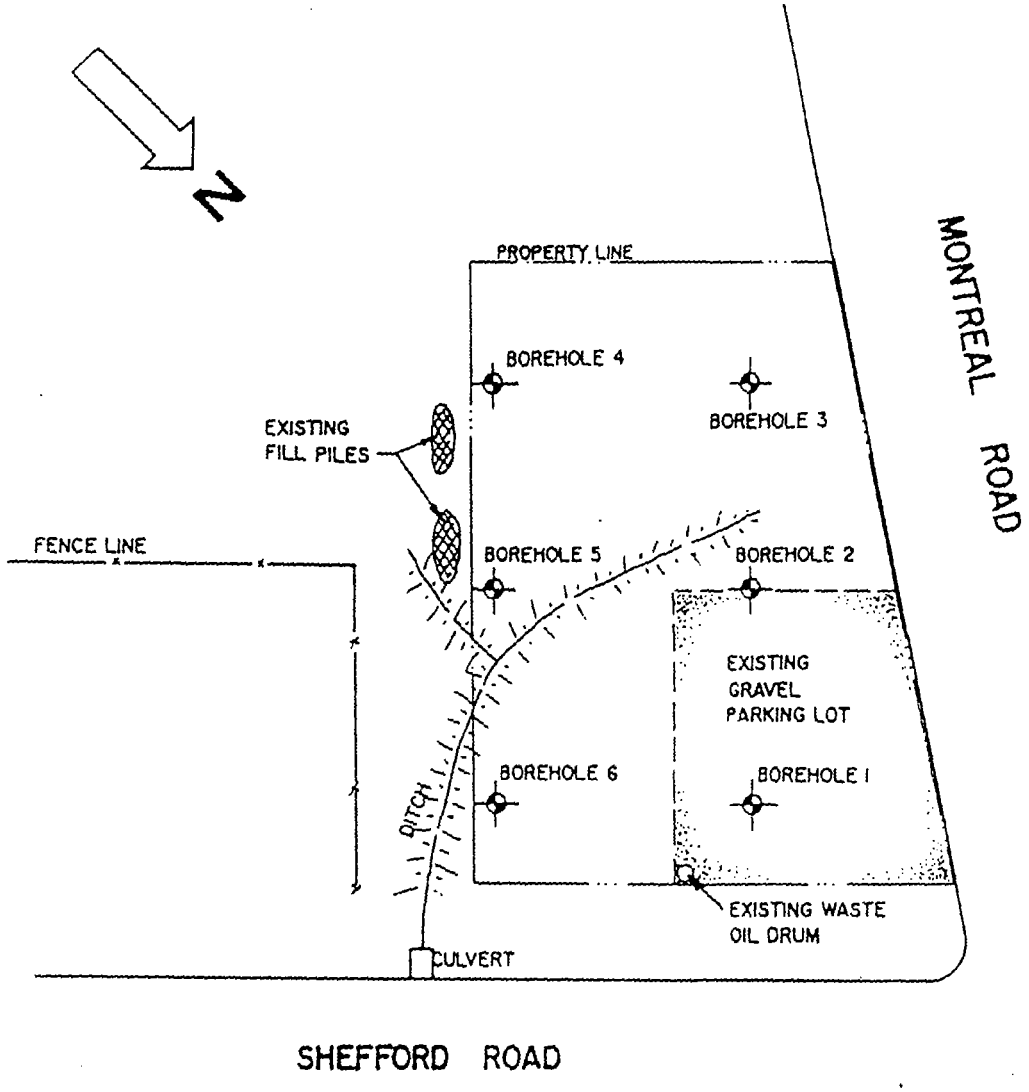
Date JUNE 9, 1992
Project 921-2738

Golder Associates

Drawn JC
Chkd.

SITE PLAN

FIGURE 2



SCALE
1:1000

SPECIAL NOTE
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING REPORT

Site: 650004

CORRESPONDENCE

DRAWINGS / PHOTOGRAPHS

OTHER (PERMITS, ETC)

PM Workbook

REPORTS

SAFETY

NON OPERATING FILES

Premji, Farzhana

From: Wojtanowski, Les
Sent: Thursday, August 07, 2003 1:01 PM
To: Premji, Farzhana
Subject: FW: Loc #65004 Gloucester, Ont., 2180 Montreal Rd @ Shefford Rd

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

foe our file.
les

----Original Message----
From: Cracknell, Kenneth
Sent: Wednesday, August 06, 2003 10:32 PM
To: Wojtanowski, Les
Subject: Loc #65004 Gloucester, Ont., 2180 Montreal Rd @ Shefford Rd
Importance: High

Les, as per our phone conversation, there was a spill at the subject location Sunday August 3rd during the course of a fuel delivery by Tudhope Cartage. The delivery document is #292837. I have completed an online AIRS report.

The retailer was not on site at the time. The delivery driver reported the spill to the self serve CCR as being 10 litres or less and that he had fully contained it with aborbant. The CCR did not report the spill to the retailer. The retailer was not on site Monday August 4th due to the stat holiday. The retailer discovered the spill Tuesday August 5th when she returned to the site.

The retailer called Tudhope Cartage dispatch and inquired about the spill. She was advised by Tudhope they had no record of the spill. The retailer then phoned me and reported what the delivery driver had told her CCR. I asked if product had migrated off site and was advised no as per the driver's statement.

I visited the site today and inspected the spill area. There is significant staining on the asphalt beginning at the concrete pad around the fill boxes, running along the concrete curbing, and around an on site catch basin. The asphalt in the delivery area has quite a slope to direct ground water runoff to the catch basin so, while it looks like more than 10L was spilled, it would have migrated quickly due to the grade possibly making it appear to be a larger spill. There was evidence that absorbant had been applied however there has been heavy rain last night and this morning and most of it had washed away. The area around the catch basin was stained, and the catch basin lid was also stained on the inside indicating it is probable a quantity of fuel did enter the catch basin. I am unable to determine how much fuel may have gotten in however I could not see any sheen on the surface of the water in the catch basin that would indicate gasoline was still present. I did not report this incident to any outside agencies.

I checked the site's Daily Fuel Reconciliation report and found they were +390L after the delivery. I also took photos of the asphalt area and the catch basin that I will send to you inter-office mail. I also advised Nino Calafiore and Don Smith who have been marked for copies of the AIRS report too.

As I understand from our conversation, you will handle any further investigation in cooperation with Sales & Supply. Please advise if additional information is required.

Ken Cracknell

Premji, Farzhana

From: Wojtanowski, Les
Sent: Monday, April 14, 2003 7:36 AM
To: Premji, Farzhana
Subject: FW: ID 65004- 2180 Montreal Road

-----Original Message-----
From: Cracknell, Kenneth
Sent: Sunday, April 13, 2003 11:02 AM
To: Upshall, Riitta
Cc: Soong, Anne; Moorani, Shafiq; Chakrabarti, Uttam; Stephenson, Ron; Wojtanowski, Les; Burnett, Mark; Douglas, Lori-Ann; Anderson, Scott
Subject: FW: ID 65004- 2180 Montreal Road

I revisited the site Friday Apr 11 as a follow up the inventory variance investigation and found the following:

- While the frequency of dispensers going offline for no explainable reason is high, the number of missing sales when they come back online is small and does not account for the volume of missing inventory. This is an unrelated nuisance issue which is to be investigated further and resolved by RNA.

I also reviewed the changes in inventory as recorded by the drivers on the delivery documents for the period under review and compared this to the quantity entered into Kirby by the retailer from the same delivery documents and found:

- #328515 Apr 3/03 Dips 54,319
  Doc. 56,862 -2,543
- #328516 Apr 5/03 Dips 43,489
  Doc. 47,777 -4,288
- #328907 Apr 8/03 Dips 48,174
  Doc. 48,841
- #329364 Apr 9/03 Dips 34,020
  Doc. 34,502

The total quantity missing from inventory for the period Apr 3 to 6 is -4,253L which is appears to be possibly due to -6,831L short shipment of product on the 3rd and the 5th. However, on April 7 & 8 there are offsetting overages totalling +3,848L which accounts for all but -2,983L of the missing product. On April 9 the site recorded -3,130L and on the 10th +3,158L for Regular which clearly suggests dip errors. The net MTD variance for Regular as of Apr 10 is -826L.

I am unable to find a definitive reason for the product shortages however it is my opinion, that in the absence of mechanical malfunction, the most probable reason is dip errors on the part of both the driver and the site staff. I reviewed dipping procedure with the retailer and have isolated 1 site employee who, although she claims to be following proper dip procedure, does not demonstrate acceptable dip accuracy. I have requested this person no longer be responsible for dip taking.

Ken Cracknell

-----Original Message-----
From: Cracknell, Kenneth
Sent: Friday, April 11, 2003 7:17 AM
To: Upshall, Riitta
Cc: Soong, Anne; Moorani, Shafiq; Chakrabarti, Uttam; Stephenson, Ron; Wojtanowski, Les; Burnett, Mark; Douglas, Lori-Ann; Anderson, Scott
Subject: RE: ID 65004- 2180 Montreal Road

I did an immediate preliminary investigation Wed Apr 9 with the following actions and findings:

- it is confirmed with the retailer there have been no Red Jacket alarms indicating product escape
- there was 1 high water reading from Red Jacket which was confirmed to be false using physical dips and SarGel

- the inspection wells were ˌ ˙cked by Maintenance and no trace of fuel ˙ found
- the submersible sumps were inspected by Maintenance and no problems were found
- all probes were inspected by Maintenance and found to be functioning properly
- the regular side on all dispensers was calibrated and all were found to be within tolerance

The site was shut down at the time of my visit as part of the store renovation project and the self serve paypoint computers had been temporarily removed. As a result I was unable to view any inventory reporting at that time. I was however able to view the exception log at the full serve paypoint and the retailer pointed out to me they are continuing to have unexplained partial and full shut down of the dispensers where they go offline for no apparent reason. When they come back online, all transactions that were in progress are lost and most do not appear in the logs after the fact. I will be revisiting the site Friday April 11 to follow up in 2 more areas:

- review the delivery documents to ensure changes in physical inventory recorded by the driver correspond to the quantity entered to Kirby by the retailer
- further clarification as to what happens to our records when the dispensers go offline

Ken Cracknell

-----Original Message-----
From: Upshall, Riitta
Sent: Tuesday, April 08, 2003 3:01 PM
To: Cracknell, Kenneth
Cc: Soong, Anne; Moorani, Shafiq; Chakrabarti, Uttam; Stephenson, Ron; Wojtanowski, Les; Bumett, Mark; Douglas, Lori-Ann; Anderson, Scott
Subject: ID 65004- 2180 Montreal Road
Importance: High

Hi Ken,

Can you please investigate another site with 7 day negative trend on Regular and abnormal losses on a single day. Has the Retailer called you?

March 28	-922		
March 29	+901	***	
March 30	-117		
March 31	-468		
April 01	- 55	*	* indicates date of delivery, not yet posted by Sales & Supply
April 02	-395		
April 03	-1200	***	
April 04	-1495		
April 05	-1558	***	*** indicates date of delivery, has been confirmed by Sales & Supply

I don't see any problems with Sales & Supply.

Thanks,
Riitta

file

Wojtanowski, Les

From: Padewski, Chester
Sent: Tuesday, October 20, 1998 3:28 PM
To: 'rrobson@egacims.com'
Cc: 'abarton@egacims.com'; Bosch, Chris; Wojtanowski, Les; McRae, Lorne; Pardon, Ann
Subject: RE: Removal of soil from 2180 Montreal Rd., Gloucester

Rick!

We have received a call from Patrick at Canadian Waste stating that yesterday Mike Lwow, the super for the subject project,
has requested **lots of trucks** to move **17 loads** of soil from the site. Patrick agreed to send 7 trucks to move the soil in two trips. This morning when the trucks arrived only six of them got loaded and there was no more soil to be moved. One of the trucks has to be compensated for the waiting time and no load. The other trucks will be OK on one load each. We do not know if this super has no perception when it comes to the volume of soil or is he playing a game because we would not allow him to use his own trucks and another dump site at a higher rate. Please monitor this contractor very closely since this is the first time that we are using Laurin & Company.

Thanks, Chester.

-----Original Message-----
From: Padewski, Chester
Sent: Friday, October 16, 1998 4:57 PM
To: 'rrobson@egacims.com'
Cc: 'abarton@egacims.com'; Bosch, Chris; Wojtanowski, Les
Subject: Removal of soil from 2180 Montreal Rd., Gloucester

Rick!

This is in reply to your telephone message regarding the removal of non contaminated soil that has rotting timbers, etc.
Please have the contractor contact Patrick at Canada Waste tel.# (613) 769-3393 mobile or Office at (613) 836-2461 ext.25
as arrangements have already been made for the dumping. Connor Pacific, the environmental consultants are also aware of the
arrangement.

Thanks, Chester.

CANADIAN WASTE SERVICES INC.

Code # W 1791

Ontario Operations Special Waste Acceptance Application

Generator Name: Dunoco
Address: 136 York Hills, North York, Ontario
Telephone: (416) 733 7368 Fax: 416-733-2113
Generator Contact: Les Wojtanowski
Telephone: ( )
General Material Description: P.O.H. debris and hydrocarbons

Originating Division:
Disposal Facility:
Location: West Carleton
Waste Quantities: ± 600 Units: Tons ☐ Tonne ☑ Yds³ ☐ M³ ☐
Frequency of Receipt: Daily ☐ Weekly ☐ Monthly ☐ One Time ☑
Other:

Process Generating Waste:
Site Address for Waste: Montreal Rd, OTTAWA

TESTING RESULTS

Schedule 4 Regulation 347 Testing Attached: Yes ☑ No ☐ Flash Point ____ °
Name of Testing Laboratory: Envirodat Telephone: ( )
M.O.E.E. Inspection: Yes ☐ No ☐ If yes, Inspector's Name
Slump Test ____ mm Telephone: ( )
Special M.O.E.E. Instructions:

Chemical Properties (Concentrations in mg/1) Schedule 4 Regulation 347

	Heptachlor + Heptachlor epoxide		T.P.H.		Endrin
	Lindane		% Oil & Grease		Lead
	Arsenic		2,4-D		Mercury
	Methyl Parathion		Aldrin + Dieldrin		Boron
	Nitrilotriacetic Acid		Barium		Nitrate + Nitrite
	PCBs		Cadmium		Chlordane
	Cyanide (free)		Nitrite		Parathion
	Silver		Chromium		DDT
	Uranium		Selenium		Trihalomethanes
	2,4,5-TP/Silvex/2-(2,4,5-Trichlorophenoxy) propionic acid		Toxaphene		Flouride

See attached O.K.

____ Methoxychlor/1,1,1-Trichloro-2,2-bis(p-methoxyphenyl) ethane
____ Carbaryl/1-Naphthyl-N-methyl carbamate/Sevin
____ Diazinon/Phosporidithioic acid, 0,0-diethyl ____ 0-(2-isoprophyl-6-methyl-4-pyrimidinyl) ester

Waste Material Designation:

1. ☑ Non-registrable solid non-hazardous waste 2. Registrable solid non-hazardous waste.
3. ☐ Waste Hauler's M.O.E.E. License # (C of A) A-860547 Robinson
Registrable Waste Requirements: Waste Generator Registration Number

Please attach a copy of acknowledgement letter of subject waste registration from Ministry of the Environment & Energy.

GENERATOR CERTIFICATION

To the best of my knowledge, the information provided herein is accurate and the material represents a non-hazardous solid waste material in accordance with M.O.E.E. Regulation 347 Schedule 4

Authorized Representative
Signature
Name (please print) Les Wojtanowski
Title
Date Dec 19, 97

APPROVAL SIGNATURES (FOR CANADIAN WASTE USE ONLY)

Conditions of Acceptance

1. Special Waste Sales Manager — Date Dec 19, 97
2. Divisional Landfill Manager — Date
3. Manager - Environment — Date
4. Landfill Acceptance — Date

Recertification Frequency: Bi-Annual ☐ Annual ☐ N/A ☐ Semi-Annual ☐

Distribution: White - Special Waste Sales Manager Canary - Landfill Copy Pink - Customer Copy

IMPORTANT! READ REVERSE SIDE FOR DEFINITIONS & INSTRUCTIONS
CORPORATE IMPRESSIONS

Conor Pacific
Environmental Technologies Inc.

May 16, 1997
E1484.0

Sunoco Inc.
36 York Mills Road
North York, Ontario
M2P 2C5

Attention: Mr. Les Wojtanowski, P.Eng.
Manager, Environmental Affairs

Re.: ***DRAFT* Addendum to Report: Environmental Site Assessment on Block 60 and Parts of Block 59, Gloucester, Ontario.**

Dear Mr. Wojtanowski,

At the request of Sunoco, Conor Pacific Environmental Technologies Inc. (Conor Pacific) completed supplementary soil sampling and chemical analyses at the above mentioned site. The original sampling was done on April 7, 1997, with supplementary sampling completed on May 12 and 14, 1997. The purpose of the supplementary sampling was to obtain duplicate soil samples at locations where the original analytical results for beryllium exceeded site remediation criteria. The original results are shown on the attached Table 1. Beryllium concentrations were above the Ministry of Environment and Energy's (MOEE) *Guideline For Use at Contaminated Sites in Ontario, 1997* (GUCSO) Table B criteria for Industrial and Commercial land uses in a non-potable groundwater situation.

The procedure used for the supplementary sampling involved hand-augering boreholes in the immediate vicinity of eight of the original test pits; collecting soil samples from within the same interval as the original samples; and having the samples analyzed for Beryllium at the same laboratory, Paracel Laboratories Ltd. in Ottawa Ontario. Each hand-augered borehole was located in un-disturbed soil approximately 1 metre from the corresponding original test pit.

The supplementary sampling on May 12, 1997 was done in the presence of a representative of John D. Paterson & Associates, who is the geotechnical and environmental consultant retained by the land developer. After each soil sample was taken, it was homogenized in a stainless steel mixing bowl. Half of the sample was given to John D. Paterson's representative and half was retained by Conor Pacific and subsequently analyzed.

The laboratory results for the supplementary samples are shown on Table 2. For these samples, beryllium was detected at levels below the established criteria in all eight samples.

Conor Pacific then requested the laboratory to re-analyze four of the original samples taken on April 7, 1997 for beryllium. These results are shown in Table 3. All four beryllium concentrations reported are below GUCSO Table B criteria. The laboratory verified all records from the original sample run and could find no anomalies.

Based on the supplementary sampling and laboratory test results, our interpretations are as follows:

1. All analyses have shown that the metal beryllium is present in measurable concentrations in native soils at this site.

2. A certain level of variance is expected in laboratory re-analysis of soil samples; however the re-analysis performed on the original samples (Table 3) shows a lower average concentration than originally reported. This result, in conjunction with the results of the supplementary samples analyzed, and J.D. Paterson's independently obtained results, suggests that the originally reported results (Table 1) are anomalous.

3. Soil sampled by John D. Paterson independently on this site (on May 5, 1997) at four of the original test pit locations was also analyzed for beryllium, and the results were below criteria in all four cases. (Table attached)

4. Beryllium is present on this site at concentrations of the same order of magnitude as the applicable remediation criteria (1.2 ug/g), which is the typical background level for beryllium in soil. Sporadic occurrences of beryllium at levels above this criteria may occur, however, consistent and verifiable exceedences of the criteria on well-homogenized samples have not been substantiated.

I trust that this addendum satisfies your needs. If you require any further information, do not hesitate to call.

Sincerely
Conor Pacific

DRAFT

Don Plenderleith, P.Eng.
National Capital Region Branch Manager

attachments: data tables

TABLE 1 : BERYLLIUM CONCENTRATIONS IN SOIL - ORIGINAL RESULTS

PROJECT E1484.0

PARAMETER	SAMPLE DATE	UNITS	MOEE TABLE B IND/COMM	TP 102 GS2 0.3 - 1.0m	TP 103 GS2 0.4 - 1.0m	TP 105 GS2 0.35 - 1.0m	TP 106 GS2 0.5 - 1.5m	TP 107 GS2 0.5 - 1.0m	TP 109 GS2 0.6 - 1.8m	TP 110 GS2 0.6 - 1.5m	TP 112 GS2 0.3-1.0
HEAVY METALS											
BERYLLIUM	April 7, 1997	ug/g	1.2	1.90	1.70	1.60	2.00	2.30	2.20	2.00	1.90

TABLE 2 : RESULTS OF BERYLLIUM ANALYSES ON SUPPLEMENTARY SOIL SAMPLES IN HAND-AUGERED BOREHOLES

PROJECT E1484.0

PARAMETER	SAMPLE DATE	UNITS	MOEE TABLE B IND/COMM	AH 102 GS2 0.3 - 1.0m	AH 103 GS2 0.4 - 1.0m	AH 105 GS2 0.35 - 1.0m	AH 106 GS2 0.5 - 1.5m	AH 107 GS2 0.5 - 1.0m	AH 109 GS2 0.6 - 1.8m	AH 110 GS2 0.6 - 1.5m	AH 112 GS2 0.3-1.0
HEAVY METALS											
BERYLLIUM	May 12, 1997	ug/g	1.2	1.10			0.98	0.90		1.10	
BERYLLIUM	May 14, 1997	ug/g	1.2		0.63	0.78			0.96		0.63

TABLE 3 : LABORATORY RE-ANALYSIS OF PREVIOUSLY SELECTED SAMPLES SHOWN IN TABLE 1

PROJECT E1484.0

PARAMETER	SAMPLE DATE	UNITS	MOEE TABLE B IND/COMM	TP 102 GS2 0.3 - 1.0m	TP 103 GS2 0.4 - 1.0m	TP 105 GS2 0.35 - 1.0m	TP 106 GS2 0.5 - 1.5m	TP 107 GS2 0.5 - 1.0m	TP 109 GS2 0.6 - 1.8m	TP 110 GS2 0.6 - 1.5m	TP 112 GS2 0.3-1.0
HEAVY METALS											
BERYLLIUM	April 7, 1997	ug/g	1.2				0.90	0.96	0.99	0.84	

: INDICATES PARAMETER CONCENTRATION EQUAL TO OR EXCEEDING THE MOEE TABLE B CRITERIA

D.N.P.

CONOR PACIFIC OTTAWA 613 727 1806 P.04

ACCUTEST LABORATORIES LTD.

REPORT OF ANALYSIS

Client: J.D. Paterson

Attn: Mr. Jeff Hawes

Report Number: A7-2708
Date: May 7,1997
Date Submitted: May 5,1997
Date Collected: May 5,1997
Project: E1498
PO #2345

Matrix: SOIL

PARAMETER	UNITS	MDL	sample	sample	sample	sample	sample
			TP102 GS2	TP106 GS2	TP108 GS2	TP112 GS2	
Be	ppm	1	ND	ND	ND	ND	

MDL=Method Detection Limit ND=Not Detected

Comment:

Approval:

Conor Pacific
Environmental Technologies Inc.

FAX COVER PAGE
FICHE DE TRANSMISSION PAR TÉLÉCOPIEUR

Date: May 16 97

To/Destinataire: Mr Les Wojtanowski

Company/Compagnie: Suncor Inc

Fax No/N° de télécopieur: _____ Time sent/Heure d'envoi: 14:15

Hard copy to follow/Copie de l'original à suivre: _____

From/Expéditeur: Don Plenderleith M.Sc., P.Eng.
Branch Manager, National Capital Region
Directeur de succursale, région de la capitale nationale

Les,

Please review these requested revisions

Regards
Don

Number of pages including the cover page:
Nombre de pages incluant la page couverture: ____

If some pages are missing, please call us at the following number: (613)-727-0216.
Si vous ne recevez pas toutes les pages, prière de nous contacter en composant le (613)-727-0216.

29 Camelot Drive, Suite 500, Nepean, Ontario K2G 5W6, Telephone 613 727.0216, Facsimile 613 727.1806

Author: Les Wojtanowski at SGHO-Retail
Date: 5/21/97 1:56 PM
Priority: Normal
TO: Marcel Benjamin
TO: Louis Biancolin at SGHO-SD&BS
CC: Nino Calafiore
CC: Ann Pardon
Subject: Montreal Rd. and Shefford, Gloucester
---------- Message Contents ----------

In order to confirm the results of the site assessment completed in April our consultant collected additional 12 soil samples in May. The results of the chemical analysis of the additional soil samples (collected from the same locations as those during investigation completed in April) showed presence of beryllium at concentrations between 0.53 and 1.1 ppm (the government limit is 1.2 ppm). Based on those results the site meets the applicable guidelines. All analysis completed to date by our consultant have shown presence of beryllium at measurable concentrations. A certain level of variance is expected in the laboratory re-analysis of soil samples due to character of the soil. However, the re-analysis performed on the original samples showed a lower average concentration than the original analysis completed in April. The results of second analysis in conjunction with the results of the supplementary analysis completed by the consultant representing the property owner, suggest that the original results are anomalous.

The results of the chemical analysis completed to date indicate that beryllium is present in the soil at concentrations of the same order of magnitude as the applicable remmediation criteria of 1.2ppm, which appears to be the typical background level for beryllium in the soil on this site. Sporadic occurrences of beryllium at levels above the criteria may occur, however, consistent and verifiable exceedences of the criteria on well homogenized soil samples were not confirmed.

The results of the chemical analysis indicate that the site meets the applicable guidelines. However, concentrations of beryllium in the soil samples are so close to the criteria that it could cause potential problem if we decide to sell the property. If there is a problem we can argue with the government (we have a very good assessment of the site and our operation will not increase the beryllium concentration in to the soil) that the beryllium is accuring naturally at the elevated concentration.

If you have any questions pleas call me.

A / to Fax# (416) 733-2113

Suncor inc. **Sunoco Group/Groupe Sunoco**

DATE : May 8, 1997

LE MESSAGE SUIVANT S'ADRESSE A / THE FOLLOWING MESSAGE IS FOR :

NOM/NAME : LES WOJTANOWSKI

COMPAGNIE/COMPANY :

DE/FROM : MARCEL BENJAMIN

OBJET/SUBJECT : MONTREAL RD / SHEFFORD

NOMBRE DE PAGES (INCLUANT CELLE-CI)/
TOTAL NUMBER OF PAGES (INCLUDING THIS PAGE) 7

SI VOUS AVEZ DE LA DIFFICULTE A RECEVOIR CETTE COMMUNICATION, COMPOSEZ (514) 949-2460/
IF YOU HAVE ANY PROBLEM WITH RECEIVING, CALL (514) 949-2460.

You will find attached the results of analytical test which has been ordered by Cavill.

As per the report there no beryllium oxides encountered throughout the entire site.

Please call us as soon as possible.

Note de confidentialité : Tout document envoyé par télécopieur est confidentiel. Toute personne prenant connaissance du présent message sans en être le destinataire ou son employé est avisée qu'il est strictement interdit de diffuser, distribuer ou reproduire l'information y contenue. Si ce document vous a été envoyé par erreur, veuillez nous en aviser immédiatement par téléphone.

Confidentiality caution : This message is intended only for the use of the individual or entity to which it is addressed and contains information that is privileged and confidential. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone.

FAX/TEL. : (514) 582-6110

C.P./ P.O. Box 150, Repentigny (Québec) J6A 5H7

CANRIL CORPORATION

800-81 Metcalfe Street
Ottawa, Ontario K1P 6K7
Tel: (613) 234-2296
Fax: (613) 234-4610

DATE: May 8th, 1997

TO: Marcel Benjamin

COMPANY: Sunoco

FAX: (514) 582-6110

FROM: Terry Guilbault

COMPANY: Canril Corporation

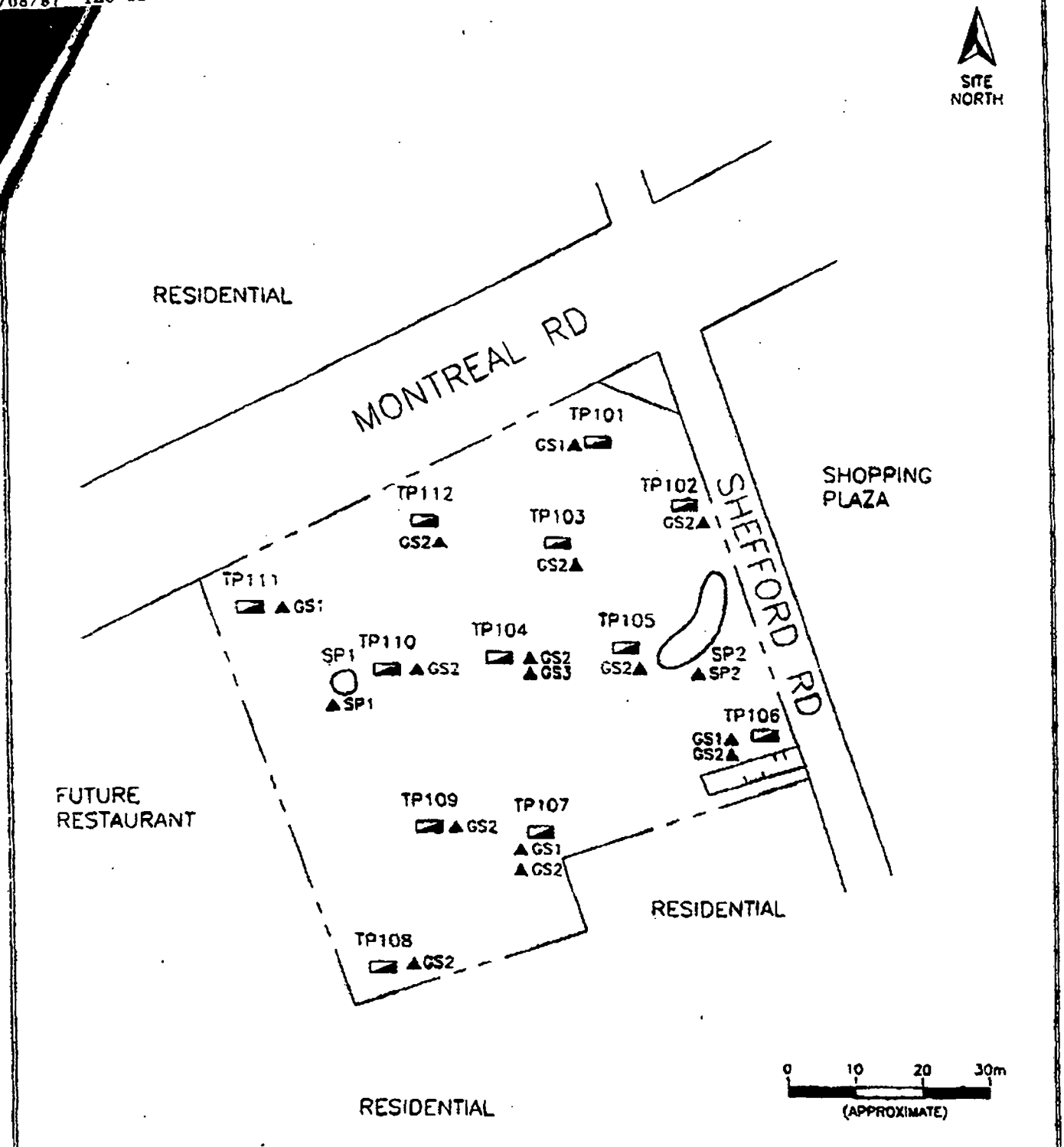
NO. OF PAGES: 6 (Including cover sheet)

MESSAGE:

Attached is a copy of a fax from John D. Patterson & Associates regarding analytical test results along with the test hole location plans at Montreal Road and Shefford.

If you do not receive all of the pages indicated on the cover sheet please telephone 234-2296 immediately.

This fax may contain confidential information intended only for the person(s) named above. Any other distribution, copying or disclosure is strictly prohibited. If you have received this fax in error, please notify us immediately by telephone and return the original transmission to us by mail without making a copy.



LEGEND

TP104	TEST PIT LOCATION
▲SP1	CONFIRMATORY SAMPLE SUBMITTED FOR ANALYSIS
	SOIL PILE
	PROPERTY LIMIT
	DITCH

GENERAL SITE LAYOUT

BLOCK 60 & PARTS OF BLOCK 59
GLOUCESTER, ONTARIO

CLIENT: SUNOCO

Conor Pacific Environmental Technologies Inc.

DATE	APRIL 1997	PROJECT No.	E1484.0
DRWN	MM	CHK'D	DHP
SCALE	AS SHOWN	DRAWING No.	FIGURE 2

ACCUTEST LABORATORIES LTD.

REPORT OF ANALYSIS

Client: J.D. Paterson

Attn: Mr. Jeff Hawes

Report Number: A7-2709
Date: May 7,1997
Date Submitted: May 5,1997
Date Collected: May 5,1997
Project: E1439
PO #2245

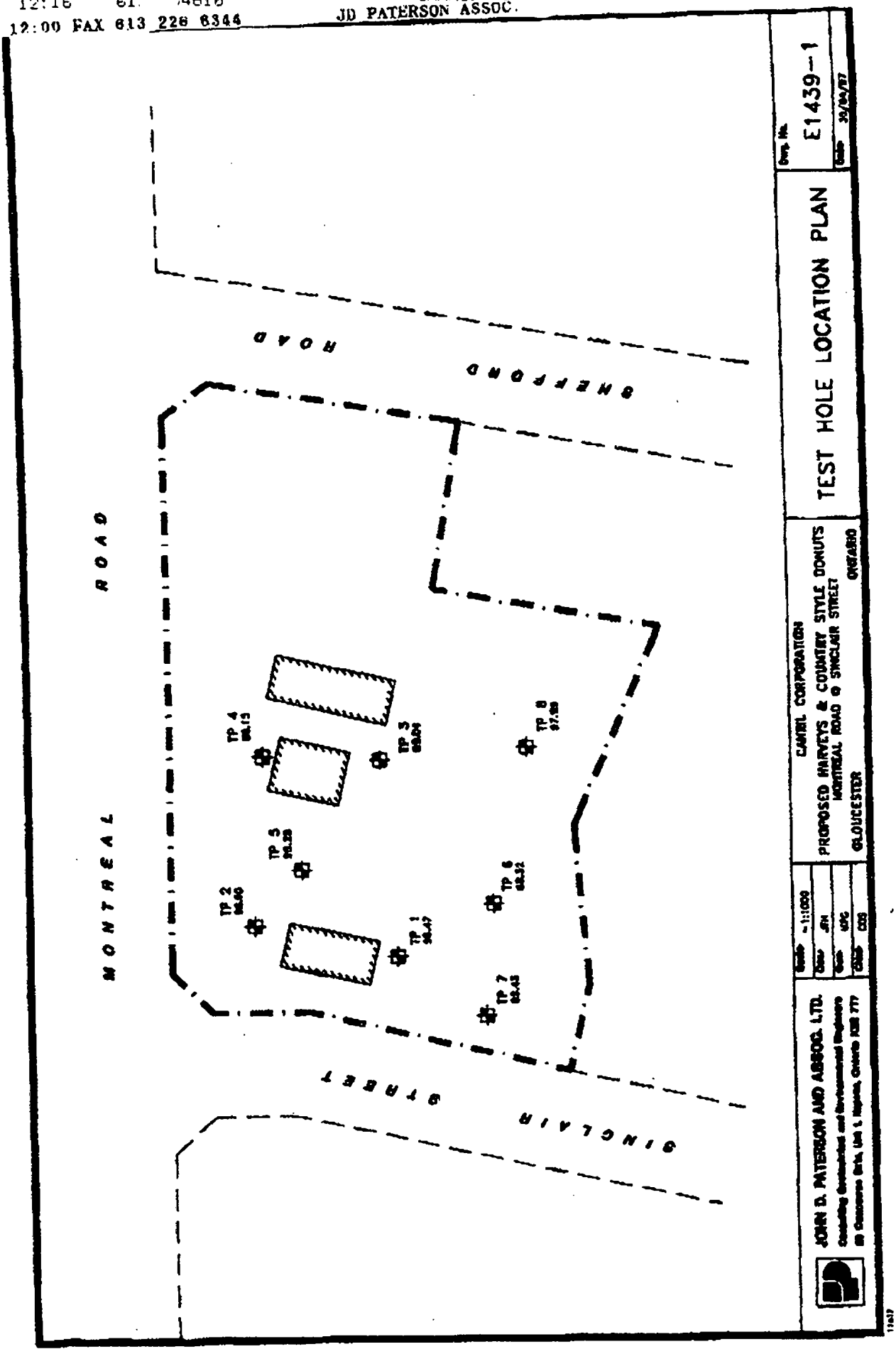
Matrix: SOIL

PARAMETER	UNITS	MDL	sample TP102 GS2	sample TP106 GS2	sample TP109 GS2	sample TP112 GS2	sample
Be	ppm	1	ND	ND	ND	ND	

MDL=Method Detection Limit ND=Not Detected

Comment:

Approval:


AVON
SHEFFORD
MONTREAL ROAD
SYDNEY STREET
TP 1
TP 2
TP 3
TP 4
TP 5
TP 6
TP 7
TP 8
TEST HOLE LOCATION PLAN
E1439-1
CANRIL CORPORATION
PROPOSED HARVEYS & COUNTRY STYLE DONUTS
MONTREAL ROAD @ SINCLAIR STREET
GLOUCESTER
ONTARIO
JOHN D. PATERSON AND ASSOC. LTD.

ACCUTEST LABORATORIES LTD.

REPORT OF ANALYSIS

Client: J.D. Paterson

Attn: Mr. Jeff Hawes

Report Number: A7-2488
Date: May 1,1997
Date Submitted: Apr. 28, 1997
Date Collected: Apr. 28, 1997
Project: E1439
PO #2214

Matrix: SOIL

PARAMETER	UNITS	MDL	sample TP4-G7	sample TP5-G9	sample TP7-G13	sample TP8-G15	sample
Be	ppm	1	ND	ND	ND	ND	

MDL=Method Detection Limit ND=Not Detected

Comment: Analysis was performed on an aqua-regia digest of the sample material.

Approval:

RECEIVED MAY 08 1997

JOHN D. PATERSON & ASSOCIATES LTD.
Consulting Geotechnical & Environmental Engineers
28 Concourse Gate, Unit 1, Nepean, Ontario K2E 7T7 Tel: (613) 226-7381 Fax: (613) 226-6344

TG
LC
FAX FILE
CENT FI

FAX COVER LETTER

DATE: May 8, 1997	TIME: 12:00 p.m.	PAGES: (Incl. Cover Page) 5

ATTENTION	COMPANY	FAX #
Terry or Lynn	Canril Corp	234-4610

REGARDING: Montreal Road at Shefford.

COMMENTS:

Please find enclosed our analytical test results along with the test hole location plans.

No beryllium was encountered throughout the entire site that exceeds MOEE Guidelines.

Best Regards.

Carlos Da Silva.

FROM: CDS

REPORT NO: E1439-01.LET **ORIGINAL MAILED:** YES ____ NO ✓

SUNOCO INC

Telephone Conversation Record

Location: Montreal, Stafford Date: Apr 28/97

SPS NO. _____ Time: 3 40 pm

Between: Novel / Tom Pendor And: Les Sunoco Inc.

Company: _____ ( ) In person ( ) Telephone

Tel. No. _____

Vendor asked one question if we have a condition if NOEE will give a letter saying that elevated concentrations of beryllium are naturally occurring. I said that if NOEE provides a letter and we will have copies of all correspondence then we should have no problem.

Confirmed with Louis (Legal) he agreed that letter from NOEE will be OK (sufficient) but the price still can be negotiated.

Distribution: File

Action Required:

_____

_____

_____

Author: Les Wojtanowski at SGHO-Retail
Date: 4/21/97 12:17 PM
Priority: Normal
TO: Marcel Benjamin
TO: Louis Biancolin at SGHO-SD&BS
CC: Ann Pardon
CC: Nino Calafiore
Subject: Montreal Rd. & Shefford Rd., Gloucester

---------- Message Contents ----------

As requested our consultant completed an ESA on the property and a draft report is now available. The consultant excavated 12 test pits and collected the representative soil samples. The selected soil samples were submitted for chemical analysis. The results of the chemical analysis indicate presence of beryllium in 12 samples (total 16 samples were analyzed) at concentrations above the applicable guidelines. The elevated beryllium values are not restricted to one zone nor are they associated with an individual soil layer, rather it appears to be a naturally occurring feature of the native soil on the site.

In order to attached a cost to the environmental liability caused by the presence of the beryllium at concentrations higher than applicable guidelines, a cost estimate for a stratified clean-up can be provided. Remediating the property using the stratified clean-up will require to register on the title of the property that contamination is present.

Other option is to demonstrate that the local background concentrations for beryllium are higher than the guideline values. This will be an expensive and lengthy process of convincing the MOEE that the background values are elevated.

If you have questions, please call me

FACSIMILE MESSAGE

TO :	Mr. Les Wojtanowski, P.Eng. Sunoco Inc.	**FAX No.:** (416) 733-2113
FROM:	Don Plenderleith, P.Eng. Conor Pacific, Ottawa	**FAX No.:** (613) 725-6968 **PHONE NO.:** (613) 725-6968
DATE :	April 13, 1997	
RE :	Phased Work Plan for the Montreal Rd. & Shefford Rd. site.	

Greetings Les,

Please find attached a work plan for the next phases of work on the above mentioned site. I will not be out for long at any time today. Please call to finalize and authorize this work to be done in your absence.

Thank You,

Don

Don PlenderleithF

Conor Pacific
Environmental Technologies Inc.

April 12, 1997
E1484.0

Sunoco Inc.
36 York Mills Road
North York, Ontario
M2P 2C5

Attention: Mr. Les Wojtanowski, P.Eng.
Manager, Environmental Affairs

Re.: ***DRAFT*** **Work Plan for Supplementary Soils Testing on Block 60 and Parts of Block 59, Gloucester, Ontario.**

Dear Mr. Wojtanowski,

Further to our discussions on Friday April 11, 1997 regarding the soil analytical results for this site, Conor Pacific Environmental Technologies (Conor Pacific) has prepared a two phase work plan to determine the extent of the zones having exceedences of applicable MOEE guidelines in one or more inorganic parameter.

Background

In the initial soils investigation performed during the week of April 7, 1997, nine soil samples were analyzed for metals, and four samples had beryllium concentrations equal to, or exceeding the applicable guidelines (MOEE Feb. '97, Table B). Two of the samples that exceeded in beryllium were from the uppermost layer consisting of 0.5 metres of silt, and the remaining two were from the underlying stiff clay. All of the samples exceeding in beryllium were of native soil, and all were from the southern half of the site.

Two samples were analyzed for other inorganic peremeters, and one had a chloride concentretion that exceeded the background level (Table F) for chloride. There is no Table B remediation criteria for this parameter.

Objectives

Phase I

- Determine whether the elevated beryllium concentrations are present across the site by testing additional previously collected soil samples.

If elevated beryllium levels are found randomly distributed across the site, Sunoco will be consulted as to whether additional field sampling and testing is warranted. If, however, the elevated beryllium is confined to the southern half of the site, a second field sampling program will be performed.

Phase II

- Delineate the zone having elevated beryllium levels, and estimate the volume of soil affected.

Scope of Work

Phase I

This phase consists of submitting additional soil samples to the lab for beryllium analyses only. Approximately eight more soil samples from the initial sampling program will be submitted with an emphasis on native soil samples in the northern half of the property. Results will be compared to the Table B guideline, and an interpretation will be made as to whether the elevated beryllium levels are confined to a zone in the southern half of the site or are randomly distributed over the entire site. If the elevated beryllium levels are not distributed over the site, Phase II will be performed.

Phase II

The elevated beryllium zone(s) will be investigated by further test pit sampling. Twelve test pits on an evenly spaced grid will be excavated on the southern half of the property. Soil will be sampled in discreet half-metre intervals starting at 0.2 metres below any fill layer present. Test pits will be excavated to a depth of 2.5. metres, unless water infiltration conditions make it impossible. Samples from test pits surrounding the previously identified elevated beryllium zones will be analyzed initially. If beryllium levels in these test pits exceed the guideline, we will step out one row, and analyze samples from the next set of test pits. In this way the zone(s) exhibiting beryllium concentrations exceeding the guideline will be delimited.

The beryllium impacted zones will be shown on a site plan and a volume estimate of the impacted soil will be given.

Schedule and Deliverables

Phase I

Additional soil samples can be submitted on Monday April 14 for 2-day turn-around and results can be interpreted on Wednesday April 16. A decision can then be made as to whether the Phase II work is warranted.

Phase II

The time-frame for this work is approximately one week from test pit sampling to draft report submission.

Costs

Phase I

Professional Fees	$1000

Phase II

Professional Fees	$2000
Expenses and Disbursements	$500
Total	$3500

We are able to begin work on this project immediately, upon your authorization. I trust that this work plan satisfies your needs. If you have any questions, please call.

Sincerely
Conor Pacific

Don Plenderleith

Don Plenderleith, P.Eng.

CONOR PACIFIC
ENVIRONMENTAL TECHNOLOGIES INC.

29 Camelot Drive, Suite 500
Nepean, Ontario, K2G 5W6
Telephone (613)727-0216
Facsimile (613)727-1806

Project No.:	E1484.0
Section :	
Date:	April 11, 1997
Employee No:	283

FACSIMILE TRANSMISSION COVER SHEET

PLEASE FORWARD THE FOLLOWING PAGES TO:

Name: **Mr. Les Wojtanowski, P.Eng.**
Company: **Sunoco Inc.**
Facsimile Phone No. **416-733-2113**

SENT FROM:

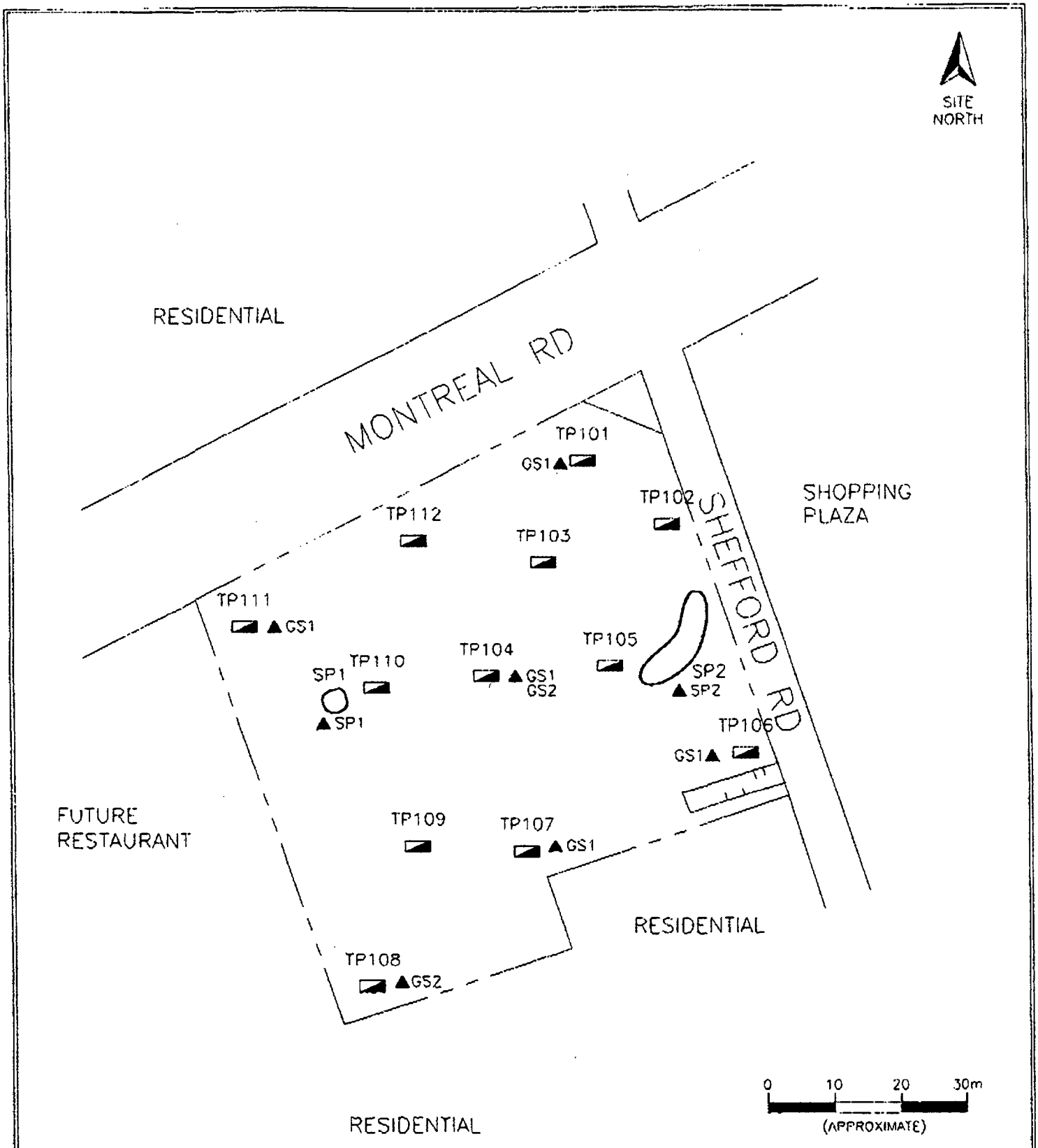
Name: **Don Plenderleith**
No. of pages including cover: **4**
Hard Copy to follow: **#** Yes **_** No

Les,

We have completed a preliminary interpretation of the soils data for the site at Montreal Road and Shefford Road in Glouchester, and here is a summary:

- There was no visual, olfactory, or combustible vapour evidence of hydrocarbon impact to the soil either at surface or at depth.
- Analyse were done for inorganic parameters on soil samples representative of the surface fill, two soil piles, and deeper native soils.
- The applicable criterion is MOEE Table B (industrial/commercial)
- There were three marginal exceedances for Beryllium. The depths of the samples that exceeded ranged from 0.0 to 1.3 m. The average exceedance is 12% over the background value for Beryllium in Ontario soils (Table F). We have documented this type of marginal exceedence for Beryllium on other sites in the area and recommended: dust minimization measures, avoiding using it as residential topsoil, and a bulk sampling program of any soil being exported off site with potentially high Beryllium concentrations. We do not recommend any remedial measures.

Regards,
Don



LEGEND

- TP104 — TEST PIT LOCATION
- SP1 — CONFIRMATORY SAMPLE SUBMITTED FOR ANALYSIS
- SOIL PILE
- PROPERTY LIMIT
- DITCH

GENERAL SITE LAYOUT

BLOCK 60 & PARTS OF BLOCK 59
GLOUCESTER, ONTARIO

CLIENT: SUNOCO

Conor Pacific Environmental Technologies Inc.

DATE APRIL 1997		PROJECT No. E1484.0	DRAWING No. FIGURE 2
DRWN MM	CHK'D DHP	SCALE AS SHOWN	

E1484 2

Author: Les Wojtanowski at SGHO-Retail
Date: 4/11/97 2:49 PM
Priority: Normal
TO: Marcel Benjamin
CC: Louis Biancolin at SGHO-SD&BS
Subject: Montreal and Shefford Rd., Gloucester
---------- Message Contents ----------

The preliminary results of the ESA completed at the site indicate that concentration of beryllium in some soil samples is exceeding the applicable guidelines. Presence of beryllium was found in three native soil samples at the concentration (1.4, 1.3, 1.5 ppm) which slightly higher than the applicable guidelines of 1.2 ppm. It appears that native soil may naturally contain elevated concentrations of beryllium. In view of the findings we may do more investigation to delineate the extend of the area with elevated concentrations of beryllium or terminate the purchase process. If you wish to do more work or if you have questions please call me.

CPET

CONOR PACIFIC
ENVIRONMENTAL TECHNOLOGIES INC.

FAX COVER PAGE
FICHE DE TRANSMISSION PAR TÉLÉCOPIEUR

Date: April 3 97

To/Destinataire: Mr Les Wojtanowski

Company/Compagnie: Sunoco

Fax No/N° de télécopieur: 416 733-8710 Time sent/Heure d'envoi: _____

Hard copy to follow/Copie de l'original à suivre: _____

From/Expéditeur: Don Plenderleith M.Sc., P.Eng.
Branch Manager, National Capital Region
Directeur de succursale, région de la capitale nationale

Les,

I have located 12 proposed test pits at this Montreal Road site. Field work will be Monday or Tuesday next week. Can you courrier us an official plan?

Don

Number of pages including the cover page: 2
Nombre de pages incluant la page couverture: _____

If some pages are missing, please call us at the following number: (613)-727-0216.
Si vous ne recevez pas toutes les pages, prière de nous contacter en composant le (613)-727-0216.

F:\ARCTURUS\FORMS\FAX.FOR
29 Camelot Drive, Suite 500, Nepean, ON K2G 5W6
Telephone: (613) 727-0216 Fax: (613) 727-1806

TABLE 1: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR HEAVY METALS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE B, SURFACE SOIL REMEDIATION CRITERIA FOR INDUSTRIAL/COMMERCIAL LAND IN A NON-POTABLE GROUNDWATER SITUATION. ALL VALUES IN ug/g OR PPM.

PROJECT E1484.0

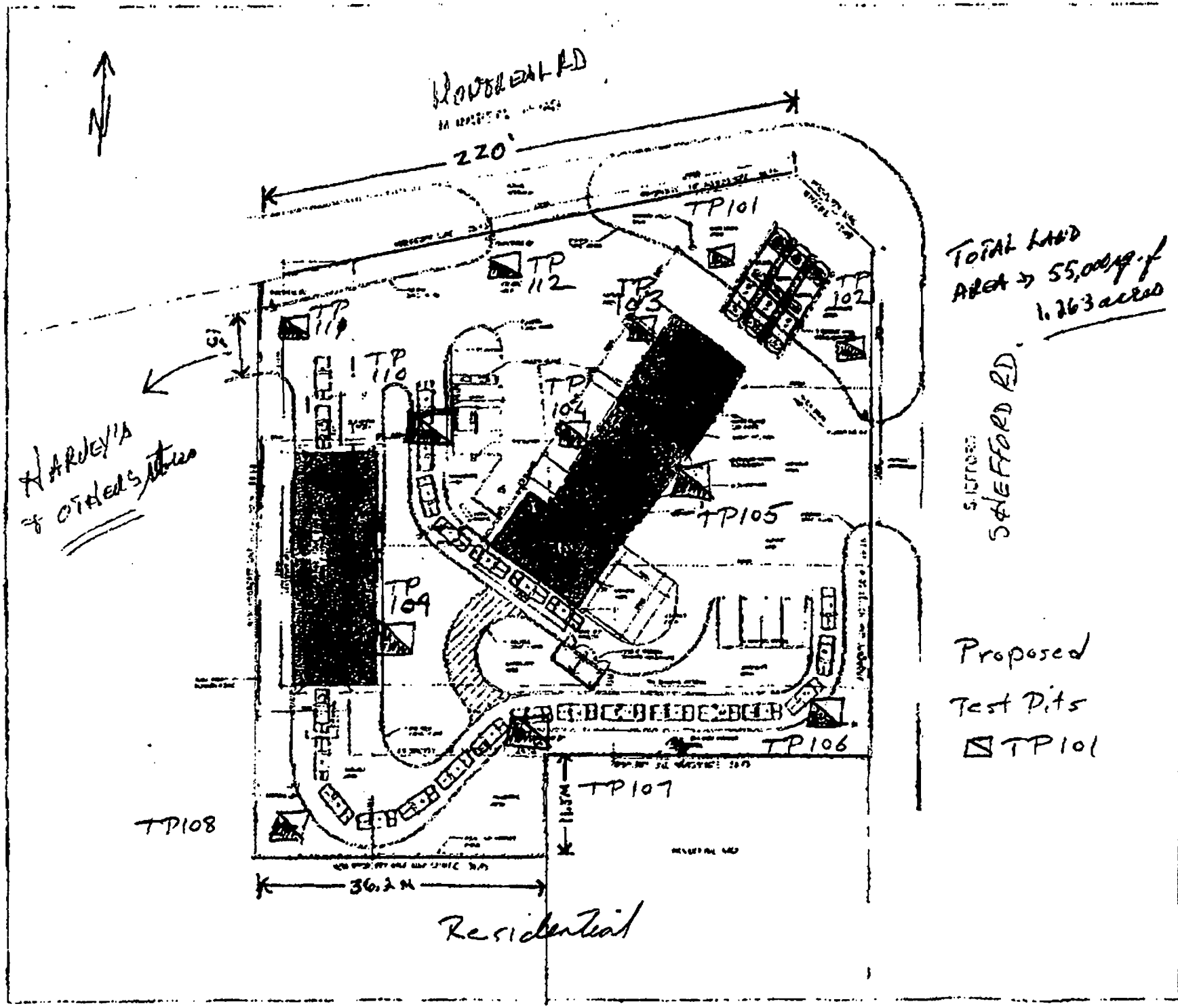
PARAMETER	MOEE TABLE B IND/COMM	TP 101 GS1 0 - 0.2m	TP 104 GS2 0.3 - 0.8m	TP 104 GS3 0.8 - 2.3m	TP 106 GS1 0 - 0.5m	TP 107 GS1 0 - 0.5m	TP 108 GS2 0.6 - 1.8m	TP 111 GS1 0 - 0.3m	SP1	SP2
HEAVY METALS										
ALUMINUM	ng	0.66	2.06	3.02	3.43	3.02	3.63	1.76	0.58	0.58
ANTIMONY	44	<5	<5	<5	<5	<5	<5	<5	<5	<5
ARSENIC	50	9.00	8.00	21.00	22.00	21.00	23.00	<5	<5	6.00
BARIUM	2000	64.00	214.00	308.00	273.00	274.00	361.00	152.00	69.00	54.00
BERYLLIUM	1.2 (1.2)	0.40	0.90	1.20	1.40	1.30	1.50	0.70	0.40	0.40
BISMUTH	ng	<5	<5	6.00	<5	<5	<5	<5	<5	<5
CADMIUM	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCIUM	ng	<1	4.5	0.86	0.61	0.72	0.76	7.57	1.71	2.05
CHROMIUM (TOTAL)	1000	18.00	63.00	120.00	126.00	119.00	139.00	60.00	15.00	15.00
CHROMIUM (VI)	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
COBALT	100	6.00	15.00	21.00	26.00	24.00	85.00	16.00	8.00	7.00
COPPER	300	11.00	34.00	49.00	44.00	51.00	62.00	20.00	19.00	14.00
IRON	ng	1.24	3.03	4.36	4.33	4.2	4.61	2.31	1.42	1.31
LEAD	1000	10.00	28.00	15.00	22.00	13.00	23.00	13.00	16.00	12.00
LITHIUM	ng	11.00	18.00	32.00	24.00	27.00	32.00	21.00	11.00	9.00
MAGNESIUM	ng	0.54	1.35	2.91	2.25	2.65	2.59	0.86	0.42	0.97
MANGANESE	ng	315.00	456.00	615.00	670.00	498.00	4390.00	513.00	264.00	271.00
MOLYBDENUM	40	6.00	7.00	2.00	2.00	2.00	3.00	2.00	14.00	15.00
NICKEL	200	12.00	41.00	83.00	84.00	82.00	180.00	29.00	22.00	18.00
NIOBIUM	ng	<5	<5	<5	<5	<5	<5	<5	<5	<5
POTASSIUM	ng	0.13	0.48	1.05	0.73	0.94	0.80	0.35	0.08	0.06
SELENIUM	10	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
SILVER	50	<0.5	<0.5	0.80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SODIUM	ng	0.03	0.07	0.14	0.06	0.10	0.08	0.03	0.02	0.02
STRONTIUM	ng	142.00	140.00	55.00	51.00	57.00	66.00	239.00	38.00	27.00
TIN	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
TITANIUM	ng	395.00	1940.00	3750.00	2900.00	3070.00	2277.00	1430.00	263.00	305.00
TUNGSTEN	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
VANADIUM	250	21.00	76.00	112.00	103.00	104.00	116.00	58.00	19.00	21.00
YTTRIUM	ng	7.00	11.00	17.00	14.00	16.00	19.00	5.00	8.00	7.00
ZINC	600	28.00	60.00	117.00	113.00	114.00	127.00	73.00	26.00	25.00

: INDICATES PARAMETER CONCENTRATION EXCEEDS THE MOEE TABLE B CRITERIA

SAMPLE DATE = MARCH 23 1997

ng = NO GUIDELINE VALUE

CONOR PACIFIC OTTAWA 613 727 1806 P.02



CONOR PACIFIC OTTAWA 613 727 1806 P.02

TABLE 2: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR INORGANICS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE F, SOIL BACKGROUND CONCENTRATION IN ONTARIO. ALL VALUES IN ug/g OR PPM.

PROJECT E1484.0

PARAMETER	MOEE TABLE F NON-AGRICULTURAL	TP 104 GS2	SP2
BROMIDE	ng	<4	<4
CHLORIDE	58	66.00	56.00
FLUORIDE	ng	<1	<1
NITRATE AS N	40	<1	6.00
NITRITE AS N	40	<1	<1
PHOSPHATE	ng	<6	<6
SULFATE	ng	289.00	1070.00

ng = NO GUIDELINE VALUE

OTM141:\ARCTURUS\SUNOCO\E1484\TABLES\SOILQUAL.WQ1

CONOR PACIFIC OTTAWA 613 727 1806 P.03

TABLE 1: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR HEAVY METALS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE B, SURFACE SOIL REMEDIATION CRITERIA FOR INDUSTRIAL/COMMERCIAL LAND IN A NON-POTABLE GROUNDWATER SITUATION. ALL VALUES IN ug/g OR PPM.

PROJECT E1484.0

PARAMETER	MOEE TABLE B IND/COMM	TP 101 GS1 0 - 0.2m	TP 104 GS2 0.3 - 0.8m	TP 104 GS3 0.8 - 2.3m	TP 106 GS1 0 - 0.5m	TP 107 GS1 0 - 0.5m	TP 108 GS2 0.6 - 1.8m	TP 111 GS1 0 - 0.3m	SP1	SP2
HEAVY METALS										
ALUMINUM	ng	0.66	2.06	3.02	3.43	3.02	3.63	1.76	0.59	0.58
ANTIMONY	44	<5	<5	<5	<5	<5	<5	<5	<5	<5
ARSENIC	50	9.00	8.00	21.00	22.00	21.00	23.00	<5	<5	6.00
BARIUM	2000	84.00	214.00	308.00	273.00	274.00	361.00	152.00	83.00	94.00
BERYLLIUM	1.2	0.40	0.90	1.20	1.40	1.30	1.50	0.70	0.40	0.40
BISMUTH	ng	<5	<5	6.00	<5	<5	<5	<5	<5	<5
CADMIUM	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCIUM	ng	<1	4.5	0.66	0.61	0.72	0.76	7.57	1.71	2.05
CHROMIUM (TOTAL)	1000	18.00	63.00	120.00	126.00	119.00	139.00	60.00	15.00	15.00
CHROMIUM (VI)	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
COBALT	100	6.00	15.00	21.00	26.00	24.00	35.00	16.00	6.00	7.00
COPPER	300	11.00	34.00	49.00	44.00	51.00	62.00	20.00	19.00	14.00
IRON	ng	1.24	3.03	4.36	4.33	4.2	4.61	2.31	1.42	1.31
LEAD	1000	10.00	26.00	15.00	22.00	19.00	23.00	13.00	16.00	12.00
LITHIUM	ng	11.00	18.00	32.00	24.00	27.00	32.00	21.00	11.00	9.00
MAGNESIUM	ng	0.54	1.35	2.91	2.25	2.65	2.59	0.86	0.42	0.97
MANGANESE	ng	315.00	458.00	615.00	670.00	498.00	4390.00	513.00	264.00	271.00
MOLYBDENUM	40	6.00	7.00	2.00	2.00	2.00	3.00	2.00	14.00	15.00
NICKEL	200	12.00	41.00	63.00	64.00	62.00	160.00	29.00	22.00	18.00
NIOBIUM	ng	<5	<5	<5	<5	<5	<5	<5	<5	<5
POTASSIUM	ng	0.13	0.48	1.05	0.79	0.94	0.80	0.35	0.09	0.09
SELENIUM	10	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
SILVER	60	<0.5	<0.5	0.80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SODIUM	ng	0.03	0.07	0.14	0.06	0.10	0.08	0.03	0.02	0.02
STRONTIUM	ng	142.00	140.00	56.00	51.00	57.00	66.00	239.00	38.00	27.00
TIN	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
TITANIUM	ng	395.00	1940.00	3750.00	2900.00	3070.00	2277.00	1430.00	263.00	305.00
TUNGSTEN	ng	<20	<20	<20	<20	<20	<20	<20	<20	<20
VANADIUM	250	21.00	76.00	112.00	103.00	104.00	118.00	58.00	19.00	21.00
YTTRIUM	ng	7.00	11.00	17.00	14.00	16.00	19.00	5.00	8.00	7.00
ZINC	600	28.00	60.00	117.00	113.00	114.00	127.00	73.00	26.00	25.00

: INDICATES PARAMETER CONCENTRATION EXCEEDS THE MOEE TABLE B CRITERIA

SAMPLE DATE = MARCH 23 1997

ng = NO GUIDELINE VALUE

LES

Marvel Bourgeois

TABLE 2: COMPARISON OF CHEMICAL ANALYTICAL DATA FOR INORGANICS IN SOIL TO ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY (MOEE) 1997, TABLE F, SOIL BACKGROUND CONCENTRATION IN ONTARIO. ALL VALUES IN ug/g OR PPM.

PROJECT E1484.0

PARAMETER	MOEE TABLE F NON-AGRICULTURAL	TP 104 GS2	SP2
BROMIDE	ng	<4	<4
CHLORIDE	58	66.00	56.00
FLUORIDE	ng	<1	<1
NITRATE AS N	40	<1	6.00
NITRITE AS N	40	<1	<1
PHOSPHATE	ng	<6	<6
SULFATE	ng	289.00	1070.00

ng = NO GUIDELINE VALUE

OTM141:\ARCTURUS\SUNOCO\E1484\TABLES\SOILQUAL.WQ1

ENT! ☐ LE PLUS TÔT POSSIBLE AS SOON AS POSSIBLE ☐ 17656

DE FROM MARCEL BENJAMIN

SERVICE DEPT.

COPIE À COPY TO

ENVOYER À SEND TO

L. WOJTANOWSKI

DATE

APRIL 2, 1997

OBJET - SUBJECT

South-west Corner of Montréal rd / SHEFFORD GLOUCESTER (ONTARIO)

MESSAGE

Good Morning Les,

As discussed, 1) you will arrange to have a soil test report done for the above-mentioned property. You will find attached:

a) A reduce survey plan of the property (outlined in yellow)

b) A soil test report from Golder Ass. dated July 1992.

RÉPONSE REPLY

2) Also, can you arrange to have a soil test report for structural foundation. You will find attached the site plan showing the location of buildings + canopy. If you need more info. please call J. Medcalf at E.G.A 905-458-4110.

Thanks,

4S500B - 1 ← SPEEDIMEMO →

MOORE SPEEDIPLY – 3 – MOORE CLEAN PRINT PATENTED 1963-1966

RÉPONSE PAR - REPLY FROM

DATE

ENT! ☐ LE PLUS TÔT POSSIBLE / AS SOON AS POSSIBLE ☐ 17656

COPIE RÉPONSE - REPLY COPY MARCEL BENJAMIN

ENVOYER À / SEND TO: SERVICE DEPT.

COPIE À / COPY TO

DE / FROM: L. WOJTANOWSKI

DATE: APRIL 2, 1997

OBJET - SUBJECT: South-west Corner of Montreal Rd / SHEFFORD GLOUCESTER (ONTARIO)

MESSAGE

Good Morning Les,

As discussed, 1) you will arrange to have a soil test report done for the above-mentioned property, you will find attached:

a) A reduce survey plan of the property (outlined in yellow)

b) A soil test report from Golder Ass. dated July 1992.

RÉPONSE / REPLY

2) Also, can you arrange to have a soil test report for structural foundation, you will find attached the site plan showing the location of buildings + canopy. If you need more info. please call J. Medcalf at Golder 905-458-4110.

Thanks.

4S500B - 1 ← SPEEDIMEMO →

MOORE SPEEDIPLY – 3 – MOORE CLEAN PRINT PATENTED 1963-1966

RÉPONSE PAR - REPLY FROM

DATE

POUR RÉPONDRE: ÉCRIRE LA RÉPONSE CONSERVER L'ORIGINAL ET RETOURNER LA COPIE

TO REPLY: WRITE REPLY IN BOTTOM AREA RETAIN ORIGINAL & RETURN THIS COPY

13 décembre 2023

M. Hassan Al-Husseini
806-10, avenue des Oblats,
Ottawa, Ontario,
K1S 5X4

Objet : Procuration – 972, chemin Shefford.

À qui cela peut concerner,

Je soussigné, Hassan Al-Husseini, résidant au 806-10 Oblats Ave, Ottawa, ON, K1S 5X4, autorisé par la présente Suncor et ses employés à agir en mon nom pour obtenir les autorisations nécessaires pour la propriété située au 972 Shefford Rd.

J'espère que tout sera géré de manière appropriée. Veuillez accepter mes meilleures salutations.

Sincèrement,

Hassan Al-Husseini

Hassan Al-Husseini

APPENDIX IX:

SITE PHOTOGRAPHS

TERRAPEX	PHOTOGRAPHIC LOG		Page 1 of 5
Client: Suncor	**Site Location**:	2180 Montreal Road/972 Shefford Road, Ottawa, ON	**Project No**: CO952.00

Photo No: 1 **Date:** March 6, 2024 **Viewing Direction:** Southwest **Description:** A portion of the Site is a Petro-Canada retail fuel outlet with a carwash.	

Photo No: 2 **Date:** March 6, 2024 **Viewing Direction:** Northeast **Description:** A portion of the Site is a vacant residential building with a garage.	

Client: Suncor	**Site Location**:	2180 Montreal Road/972 Shefford Road, Ottawa, ON	**Project No**: CO952.00

Photo No: 3 **Date:** March 6, 2024 **Viewing Direction:** South **Description:** A UST tank nest was observed in the north portion of the Site.	

Photo No: 4 **Date:** March 6, 2024 **Viewing Direction:** Southwest **Description:** A pump island was observed in the central portion of the Site.	

Client: Suncor	**Site Location**:	2180 Montreal Road/972 Shefford Road, Ottawa, ON	**Project No**: CO952.00

Photo No: 5 **Date:** March 6, 2024 **Viewing Direction:** Southwest **Description:** A convenience store was observed in the central portion of the Site.	

Photo No: 6 **Date:** March 6, 2024 **Viewing Direction:** South **Description:** A carwash was observed in the southwest portion of the Site.	

Client: Suncor	**Site Location**:	2180 Montreal Road/972 Shefford Road, Ottawa, ON	**Project No**: CO952.00

Photo No: 7 **Date:** March 6, 2024 **Viewing Direction:** N/A **Description:** Floor drains and salt were observed in the storage area in the carwash.	

Photo No: 8 **Date:** March 6, 2024 **Viewing Direction:** Northwest **Description:** The vacant house in the northeast portion is a single-storey structure with a peaked, shingle roof.	

TERRAPEX	PHOTOGRAPHIC LOG		Page 5 of 5
Client: Suncor	**Site Location**:	2180 Montreal Road/972 Shefford Road, Ottawa, ON	**Project No**: CO952.00

Photo No: 9	
Date: March 6, 2024	
Viewing Direction: South	
Description: A van was observed to be in the south corner of the Site.	

APPENDIX X:

QUALIFICATION OF THE ASSESSORS

CRAIG BEATON, PEng, QP$_{ESA}$

Education:	B.Eng. Biological Engineering (Environmental Option)	2004	Dalhousie University, Halifax
	Dipl. in Pre-Engineering	2002	Cape Breton University, Sydney (formerly University College of Cape Breton)
	Dipl. in Environmental Technology	2001	Cape Breton University, Sydney (formerly University College of Cape Breton)
Professional Associations:	Association of Professional Engineers of Ontario Qualified Persons Community of Ontario Ontario Society of Professional Engineers		
Safety Training:	Joint Health and Safety Committee Training (Part 1 and Part 2) Standard First Aid and CPR Petroleum Oriented Safety Training (POST) Workplace Hazardous Materials Information System (WHMIS)		

EXPERIENCE

2005 to present – Terrapex Environmental Ltd., Ottawa, Ontario

Project Manager

Responsible for management of a wide range of office and field tasks associated with site assessment, characterization and remediation projects, as well as preparation of proposals and permit applications.

Typical tasks include:

- Phase One and Two Environmental Site Assessments (ESAs) –Both CSA and O.Reg 153/04
- Filing Record of Site Conditions
- Hydrogeological Investigations
- Applications for Permit to Take Water
- Updating Environmental Compliance Approvals
- Site characterization
- Soil and groundwater remediation (in-situ and ex-situ)
- Sediment and surface water sampling
- Stormwater Management sampling
- Preparation of applications for permits and approvals
- Third party review of remediation activities
- Designated Substance Surveys
- Air sampling
- Canadian Environmental Protection Act (CEPA) toxin research
- Waste Audits

2004 - Natural Resources of Canada, Bedford Institute of Oceanography, Dartmouth, Nova Scotia

Laboratory Technician

Duties and responsibilities include:

- Analysis of marine sediment from the Scotian shelf for geotechnical properties
- Data compilation

2003 - Engineering Department, Town of Antigonish, Nova Scotia

Assistant to Town Engineer

Duties and responsibilities include:

- Compilation of waste management data
- Management SCADA system data files
- Daily water sampling for chlorine and pH levels

2002 - Jacques Whitford, Dartmouth, Nova Scotia

Geotech Laboratory Technician

Duties and responsibilities include:

- Performed sieve analysis, standard proctors, LA abrasion tests, and Atterberg Limits
- Concrete strength testing

2001 - Jacques Whitford, Sydney, Nova Scotia

Geotech Laboratory Technician

Duties and responsibilities include:

- Performed sieve analysis, standard proctors, LA abrasion tests, and Atterberg Limits
- Concrete strength testing
- Installation and monitoring of methane sampling equipment for environmental monitoring wells

SELECTED PROJECT EXPERIENCE

Phase I/One Environmental Site Assessments

Various Clients: Research for approximately 60 Phase I ESAs to CSA Z768-01, ASTM Standard E1527-05 or O.Reg 153/04 at various sites in Ontario, including manufacturing facilities, commercial and petroleum retail outlets and vacant lots.

Designated Substance Surveys and Abatements

Suncor: Performed field and reporting tasks for designated substance surveys at former retail gasoline stations. Responsibilities included field work coordination with property managers, visual inspection of the buildings and their contents, sampling of building materials, interpretation of laboratory analytical data, drafting of site plans and report preparation.

SNC Lavalin Operation and Maintenance: Performed field and reporting tasks for designated substance survey at several institutional buildings. Developed specification for the abatement of mould and asbestos containing materials. Provided project management for several abatement projects that consisted of: coordination with the client site managers and abatement contractors; post-abatement air sampling; interpretation of laboratory analytical data; drafting of site plans; and, report preparation.

Phase II/Two Environmental Site Assessments

ISED: Managed a stormwater and surface water sampling program on a federal property in the western portion of Ottawa. Responsibilities included coordinating and supervising the field work, interpretation of laboratory analytical data and comparison to federal and provincial guidelines, and report preparation.

PWGSC: Conducted a sediment and surface water sampling program in three lakes. Responsibilities included field work coordination with suppliers and boat charters, sediment and surface water sampling, interpretation of laboratory analytical data and comparison to federal and provincial guidelines, drafting of site plans and report preparation.

Various Clients: Conducted field and reporting tasks for soil and groundwater assessments at approximately 55 locations in Ontario, including supervision of borehole drilling, coring bedrock, monitoring well installation, and test pitting.

Suncor: Managed field and reporting tasks for Phase II/TWO ESAs (to meet CSA and/or O.Reg 153/04 requirements) at future and former petroleum retail outlets. Responsibilities have included field work coordination with drilling and contracting companies, supervision of drilling and well installation, excavation of test pits, site surveying for ground surface and groundwater elevations, soil and groundwater sampling, conducting designated substance surveys, interpretation of laboratory analytical data, interpretation of hydrogeological data, drafting of site plans, analytical results figures and groundwater flow diagrams, and report preparation.

NCC: Managed field and reporting tasks for site assessment to evaluate quality and extent of historically imported fill material and investigate potential contamination from historical storage of farm machinery and vehicles on site. Responsibilities have included reviewing available historical aerial/satellite images to identify extents of fill material and location of vehicle/machinery storage, development and supervision of investigation program interpretation of laboratory analytical data, drafting of site plans, analytical results figures and groundwater flow diagrams, and report preparation.

Legal: Performed field and reporting tasks for a Phase Two ESA in support of the filing for a Record of Site Condition following the remediation of a heating oil spill. Responsibilities included field work coordination with drilling and contracting companies, supervision of drilling or coring and well installation, documenting field observations (i.e. visual /olfactory characteristics of soil samples or cores), site surveying for ground surface and groundwater elevations, soil and groundwater sampling, interpretation of laboratory analytical data, interpretation of hydrogeological data, drafting of site plans, analytical results figures and groundwater flow diagrams, and report preparation.

Site Remediation

Suncor: Managed the monitoring and sampling for a soil and groundwater remediation project at a petroleum retail outlet. Helped to design work plan for the delineation and remediation of areas of soil contaminated with gasoline and diesel. Responsibilities included supervision of all excavation activities during the retrofitting of petroleum storage and distribution equipment, collection of confirmatory soil samples, coordinated and supervised the drilling and installation of onsite and offsite monitoring wells, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report preparation.

MECP: Reviewed historical data collected in previous Phase I and Phase II ESAs. Designed a multi-technique remediation program to remediate petroleum impacts at a northern Ontario site. Provided project management of the remediation program that included exsitu- and insitu-remediation techniques. The remediation included soil excavation, application of a biostimulant to into excavations and trenches and the injection of a biostimulant using direct-push methodology to address inaccessible and residual impacts. Responsibilities included coordination with the client, sub-contractors and field personal to complete the field program under-budget and within the allocated timeframe, interpretation of laboratory analytical data, drafting of site plans and analytical results figures and report preparation.

Legal client: Provided project management of a remediation of a residential heating oil spill in Ottawa. The work included reviewing previous Phase II ESAs conducted to delineate the impacts, prepare a Phase I ESA to confirm the contaminates of concern, manage the remediation program that included the excavation of impacts (observed in overburden and fractured bedrock) and operation of a groundwater pump and treatment system during the excavation of petroleum impacted bedrock. Responsibilities included coordination with the local municipality to obtain a sanitary sewer use agreement, field staff and contractors during the remediation, neighbouring property owners to obtain permission to access their properties, interpretation of laboratory analytical data and provide updates and pumping summaries to our clients and the local municipality.

Industrial Site Decommissioning

Ultramar Bulk Storage Plant: Supervised field activities and characterized soil conditions during the decommissioning of petroleum storage and distribution equipment and remediation of soil impacts. Responsibilities included field work coordination with general contractors, providing progress updates to client project managers, supervision of AST removal, oil/water separator removal and excavation activities, collection of confirmatory soil samples from the

excavations of petroleum distribution equipment, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report preparation. All work was reviewed by a third party consultant.

Commercial Site Decommissioning and Characterizations

Suncor: Managed field and reporting activities associated with decommissioning petroleum retail equipment and/or retrofitting at various sites in Ontario. The projects involved coordination for the supervision of the removal of underground storage tanks (USTs) and petroleum distribution equipment, removal of contaminated soil (if any), collection of confirmatory soil samples from the walls and floor of the excavations; interpretation of laboratory analytical data; and, report preparation. For sites with identified soil and/or groundwater impacts, I developed work plans to delineate the identified

Pioneer: Supervised field activities and characterized soil conditions during the decommissioning of petroleum storage and distribution equipment at a retail outlet station. Responsibilities included field work coordination with general contractors, providing progress updates to client project managers, supervision of UST removal and excavation activities, collection of confirmatory soil samples from the excavations for petroleum distribution equipment, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report preparation.

Environmental Compliance Approvals

Suncor: As part of planned upgrades to on-site infrastructure, it was determined that the existing environmental compliance approval (ECA) for the site would need to be updated to reflect the upgrade work. To update the ECA we reviewed the existing approval, documented any discrepancies between the ECA and the on site infrastructure/operations, confirmed initial calculations and assumptions were still applicable and updated the ECA to meet all current application requirements.

Third Party Review

Suncor: Completed the decommissioning and excavation of the petroleum storage and distribution equipment for a former Petro Canada retail outlet. Decommissioning work included the delineation and remediation of petroleum impacts. Onsite work and reports were reviewed by a third party consultant.

Pioneer (now part of Parkland): Acted as the third party consultant to review and supervise the remediation of a retail petroleum outlet which was being conducted as part of a property transfer agreement between the property owner and our client. Supervised all stages of the remediation, completed the confirmatory sampling to confirm the results of the property owner's consultant and ensure that the terms of the transfer agreement were met.

Storm Water Management

Suncor Bulk Terminal: Coordinated with client and local municipality to address exceedances in the storm water effluent. Reviewed site information and developed investigation program to identify the source of the storm water exceedances. Responsibilities included field work coordination with client and general contractors, providing progress updates to client project managers, collection of storm water samples from oil/water separators, catch basins and manholes, interpretation of laboratory analytical data, drafting of site plans and analytical results figures, and report composition. Following assessment of contamination sources, developed a risk evaluation of current site conditions and available remedial options to assist the client in the selection of the appropriate remedial options to address the storm water exceedance.

Research

Canadian Environmental Protection Act (CEPA): Work included the collection of comprehensive relevant information on selected Canadian Environmental Protection Act (CEPA) toxic substances.