



Stantec Consulting Ltd.
100 – 300 Hagey Boulevard, Waterloo ON N2L 0A4

July 15, 2020
File: 160410230

Attention: Paul Justice
Justice Construction Limited
2160 Old Prescott Road
Greely ON K4P 1L4

Dear Mr. Justice,

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

Stantec Consulting Ltd. (Stantec) is pleased to provide Justice Construction Limited (Justice) with the following update letter with respect to a Phase One Environmental Site Assessment (ESA) of the property situated at 2164 Old Prescott Road in Greely, Ontario (the Phase One Property)(**Figure 1, Appendix A**), which was originally completed in 2018. The update letter was completed to address comments received from the Ministry of Environment, Conservation and Parks (MECP) in a document dated February 28, 2020 regarding the Record of Site Condition (RSC) submission for the Phase One ESA Property (the MECP comments).

To meet the requirements for the filing of a RSC as outlined by Clause 28(1)(a) in Ontario Regulation (O.Reg.) 153/04, as amended by O.Reg. 407/19 that came into effect in December 2019, a Phase One ESA is to be based on current work, which is specified to be less than 18 months before the submission of a RSC. If the Phase One ESA exceeds this timeframe, the MECP allows an update to the Phase One ESA to be provided by the qualified person for environmental site assessment (QP_{ESA}) to confirm that the Phase One ESA meets the requirements of Schedule D of O.Reg. 153/04. Accordingly, Stantec has prepared this Phase One ESA update letter for the Phase One Property to meet the requirements of O.Reg. 153/04 and to address MECP comments on the RSC submission.

Background

A Phase One ESA was prepared for Justice for the Phase One Property in 2018, which was planned to be developed for residential use, comprising a detached dwelling and ancillary building, both on private services, at the time of the assessment. The Phase One ESA report¹ was one of the documents used to support filing of an RSC for the Phase One Property with the MECP, which was submitted on January 10, 2020. Following receipt of the MECP comments and the enactment of O.Reg. 407/19, the Phase One ESA was updated. Other documents reviewed while preparing this Phase One update letter are indicated below:

¹ Stantec Consulting Ltd. (Stantec), 2018a. Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario, prepared for Justice Construction Limited, dated June 29, 2018.

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

- *Hydrogeological Desktop Study, 2164 Old Prescott Road, Ottawa, Ontario*, prepared by Stantec Consulting Ltd. for Justice Construction, dated June 20, 2018 (Stantec 2018b)
- *Geotechnical Investigation – Slope Stability Assessment, 2164 Old Prescott Road, Ottawa, Ontario*, prepared by Stantec Consulting Ltd. for Justice Construction, dated July 2018 (Stantec 2018c)
- *Phase Two Environmental Site Assessment, 2164 Old Prescott Road, Ottawa, Ontario*, prepared by Stantec Consulting Ltd. for Justice Construction, dated December 19, 2019 (Stantec 2019)

The MECP also requested that the table of current and past uses of the Phase One Property be updated to include a description of the property use for the timeframe of from the first developed use (or from patent award in 1875) to 1954, as outlined in clause 16(2)(b) of Schedule D of O.Reg. 153/04 and that the Phase One Property be listed as an enhanced investigation property as defined in O.Reg. 153/04 based on past industrial use as a sand and gravel pit.

Methodology

In order to update the Phase One ESA report in accordance with the requirements of Schedule D of O.Reg. 153/04 and to address the MECP comments, the following was completed:

- A review of the Phase One ESA report to confirm the observations noted in the report and that the format and content were consistent with the requirements of O.Reg. 153/04.
- A review of publicly available 1954 Aerial Photographs of Southern Ontario image for the Phase One Property, included in **Appendix B**.
- A review of select database search results provided by EcoLog ERIS Ltd. (ERIS) on May 15, 2020, provided in **Appendix C**.
- A review of additional reports prepared for the Phase One Property, as outlined above.
- A site visit conducted on May 26, 2020 by Mr. Romeet Gonsalves, B.Sc., G.I.T., of Stantec between the hours of 8:15 AM and 10:30 AM. At the time of the site visit, the weather was 35°C, and sunny.
- An interview on March 24, 2020 with Mr. Paul Justice. Mr. Justice has been associated with the Phase One Property since purchasing the property and neighbouring lots in 1995.

These information sources allowed an assessment of whether environmentally significant physical changes have been reported or made to the property (e.g., structures built, storage of materials, importation of fill, etc.), and whether additional potentially contaminating activities (PCAs) have occurred at the Phase One Property or within the Phase One Study Area since the preparation of the Phase One ESA (Stantec, 2018).

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

Results

It is the opinion of the QP_{ESA} that the Phase One ESA report meets the requirements of Schedule D of O.Reg. 153/04, subject to the updated information provided below.

First Developed Use Determination

An aerial image of the Phase One Property from 1954 was reviewed. The aerial image indicates that the Phase One Property consisted of an agricultural field at this time. No structures were observed on the Phase One Property. Surrounding properties in the Phase One Study also consisted of agricultural fields or vacant land. No PCAs were identified from the review of the 1954 aerial image.

The first developed land use for the Phase One Property is therefore assessed to be between 1954 and 1976 based on aerial images and other information sources, given that a sand and gravel pit was first identified on the western half of the Phase One Property in the 1976 aerial image. Based on the chain of title report provided in the Phase One ESA report, the timeframe of the first developed use was further refined to between 1963 and 1975, when the Phase One Property was purchased by Harold Taggart and subsequently sold to the Taggart Foundation Company Limited.

Current and Past Uses of the Phase One Property

Based on information obtained from the 1954 aerial image and the historical information provided in the Phase One ESA (Stantec, 2018) the Table of Current and Past Land Uses is as follows:

Table 1: Table of Current and Past Land Uses

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Pre-1954	Unknown, Joseph Turner	Unknown	Agricultural or Undeveloped	Based on 1954 aerial image, which identified the Phase One Property as an agricultural field, the property was presumed to be undeveloped or used as an agricultural field prior to 1954.
1954-1963	Maurice and Anne Laughlin	Agricultural field	Agricultural	Agricultural field present on the Phase One Property on the 1954 aerial image.

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1963 – 1975	Harold Taggart	Gravel and sand pit	Industrial	Gravel and sand pit identified on the 1976 aerial image. First developed land use is assumed to be 1963, when the Phase One Property was purchased by Harold Taggart, and subsequently the Taggart Foundation Company Limited.
1975 to 1988	Taggart Foundation Company/Taggart Corp.	Gravel and sand pit	Industrial	Gravel and sand pit identified on the 1976 aerial image.
1988 to 1995	Percy Pyper Ltd.	Gravel and sand pit	Industrial	Gravel and sand pit identified on the 1991 aerial image.
1995 to 2020	Paul Justice	Vacant	Industrial	Since the current owner purchased the land, it has been a vacant lot with a large constructed pond surrounded by landscaped areas.

Enhanced Investigation Property

Based on the past industrial use of the Phase One Property as a gravel and sand pit, the quarrying and excavation of consolidated or unconsolidated aggregate were classified as an industrial use and the Phase One Property is therefore considered to be an enhanced investigation property (EIP) as defined in O.Reg. 153/04. The additional inquiries and reporting associated with an EIP (i.e., records and details about industrial processes, materials storage, interviews, site reconnaissance requirements, etc.) did not produce any additional information, given that the Phase One Property has been vacant since at least 1995, and no historical industrial records were available.

Environmental Source Information

Select databases were searched by ERIS (ERIS, 2020) to identify if any environmentally significant changes or additional PCAs exist within the Phase One Study area since the previous review of environmental source information conducted for the Phase One ESA report.

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

The ERIS report (ERIS, 2020) identified the following records that were evaluated with respect to their significance to the Phase One Property:

- Regulation 347 Waste Generation Summary:
 - The ERIS search indicated eight waste generator entries within the assessment area for BAM Paving at 2136 Stagecoach Road, ON (**Figure 2, Appendix A**). The wastes registered at this property from 2009 to 2019 were waste oils, lubricants, oil skimmings, and sludges. As discussed in the Phase One ESA report, the generation of petroleum wastes at this neighbouring property was considered a PCA; however, the generation of petroleum waste was not considered to contribute to an area of potential environmental concern (APEC) because of the distance from the Phase One Property (approximately 150 m), and the anticipated limited quantities generated based on the use of the property as a landscaping and paving business, and the anticipated cross-gradient location of this operation relative to the Phase One Property.
 - Three unplotable waste generator entries within the assessment area for Osgoode Sand and Gravel Ltd. The waste registered at this property from 1989 to 1998 were petroleum distillates. Given that Osgoode Sand and Gravel Ltd. is associated with 2094 Old Prescott Road, which is adjacent to the northern property boundary (although the operating portion of this facility was situated more than 250 m from the northeastern property boundary), the property was considered a PCA. The anticipated limited generation of petroleum wastes associated with a nearby sand and gravel pit was not expected to contribute to an APEC at the Phase One Property.
- Private and Retail Fuel Storage Tanks Database:
 - An unplotable record for an unknown private tank with capacity of 22,730 L was registered to Osgoode Sand and Gravel Ltd. at an unknown date. No further information was provided. Given that Osgoode Sand and Gravel Ltd. is associated with 2094 Old Prescott Road, adjacent to the northern property boundary, this was considered a PCA. Based on a review of aerial imagery, the operating portion of this sand and gravel facility is currently and has historically been situated more than 250 m to the northeast of the Phase One Property. Fuel storage at this property was therefore not considered to contribute to an APEC at the Phase One Property.
- Ontario Spills Database Summary:
 - A furnace oil spill was reported at a residential property located at 6472 Chris Tierney Private in 2009. The spill consisted of a four litre spill of furnace oil from an aboveground storage tank (AST) leak. As discussed in the Phase One ESA report, the fuel release of petroleum was considered a PCA; however, the fuel release was not considered an APEC because of the distance from the Phase One Property and the reported limited amount released.
- Aggregate Inventory Database:
 - As discussed in the Phase One ESA report, Osgoode Sand and Gravel Ltd. is registered as a Class A sand and gravel pit. The Osgoode Sand and Gravel Ltd. is associated with 2094 Old Prescott Road, which is adjacent to the northern property boundary of the Phase One Property.

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

Previous Reports

Based on a review of a geotechnical investigation report completed for the Phase One Property (Stantec, 2018c), the imported fill material, which was identified as an APEC in the Phase One ESA report, was identified to extend further east of the original inferred limits. As a result, the APEC associated with fill of unknown quality was extended to the east of the original APEC limit, as shown on **Figure 3, Appendix A**.

Site Reconnaissance and Interview

Selected photographs of the Phase One Property are included in **Appendix D**. The site interview conducted on March 24, 2020 and subsequent site visit on May 26, 2020 confirmed that:

- No physical changes have been made to the Phase One Property (e.g., no new structures built, no additional storage of materials or fuels, no importation of fill, etc.) and the property has remained vacant since 2018 when the site visit was conducted for the Phase One ESA report.

Given the above, the site reconnaissance and interview did not identify additional PCAs contributing to APECs for the Phase One Property since the preparation of the Phase One ESA report, and the findings are still considered applicable to the Phase One Property.

Summary and Conclusions

The information gathered and observations made during this update of the Phase One ESA report have revealed no evidence of significant changes to the Phase One Property or additional PCAs that would contribute to an APEC at the Phase One Property since the Phase One ESA report was written, with the exception of an extension of the previous APEC as indicated on **Figure 3, Appendix A**. The Phase One ESA report in combination with this update report are consistent with the requirements of Schedule D of O.Reg. 153/04. Therefore, it is the opinion of the QP_{ESA} that the Phase One ESA report along with this update letter can be used to support the filing of an RSC for the Phase One Property.

Limitations

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

This letter report was prepared by Steve Hannington, B.Sc., EP, and reviewed by Grace Ferguson, M.Sc., P.Eng., QP_{ESA}.

July 15, 2020
Paul Justice
Page 8

Reference: Update to Phase One Environmental Site Assessment, 2164 Old Prescott Road, Greely, Ontario

We trust the information presented herein is satisfactory for your present requirements. Should you have any questions please do not hesitate to contact the undersigned.

Regards,

Stantec Consulting Ltd.

Steve Hannington B.Sc., EP
Project Manager
Phone: 613 784 2308
Steve.Hannington@Stantec.com

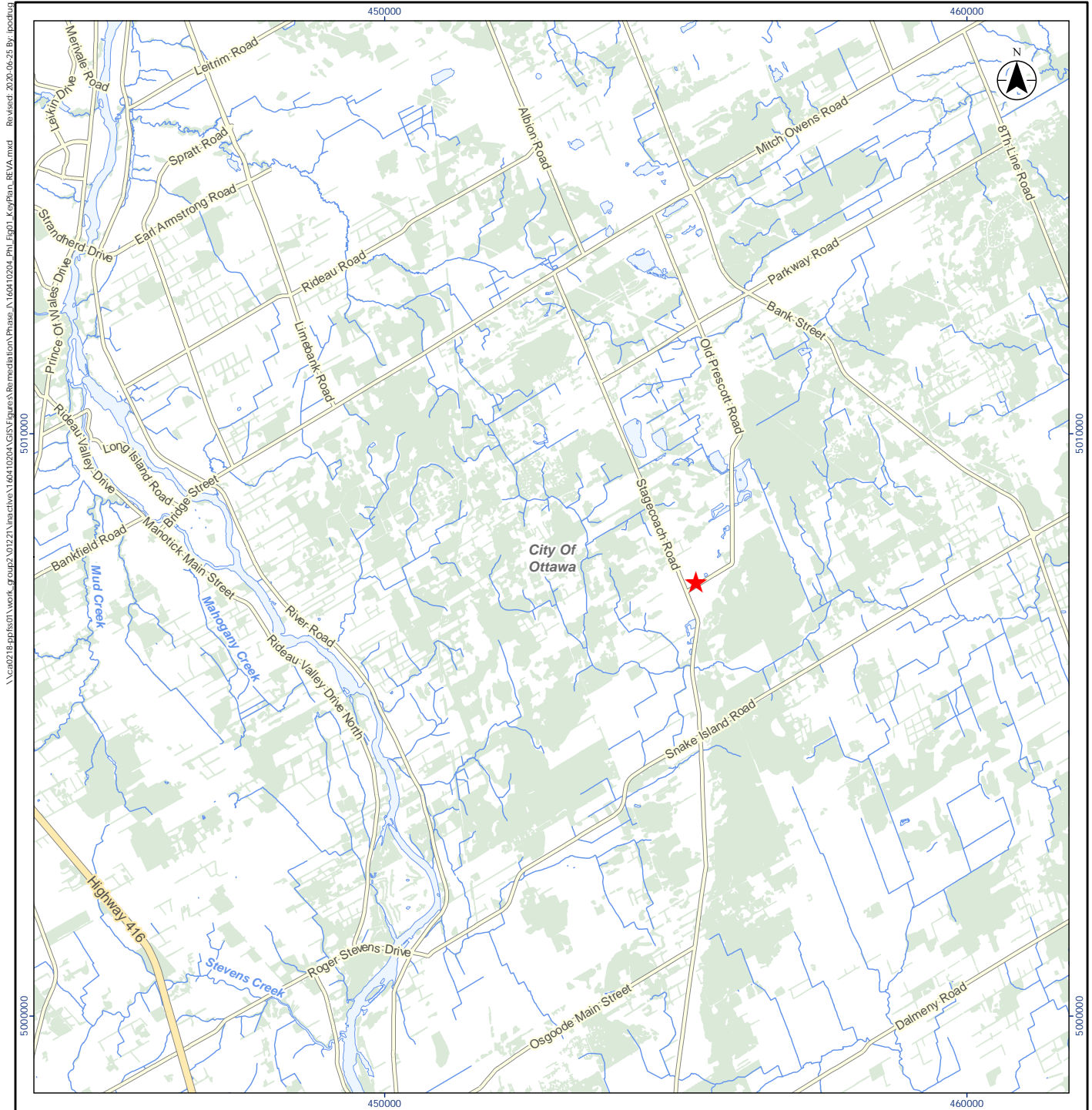
Grace Ferguson M.Sc., P.Eng., QP_{ESA}
Senior Hydrogeologist
Phone: 519 585 7456
Grace.Ferguson@Stantec.com

SH/GF/jt

Attachments: Appendix A: Figures
Appendix B: 1954 Aerial Photograph
Appendix C: Updated 2020 ERIS Report
Appendix D: Site Photographs

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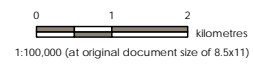
ATTACHMENT A:
Figures



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- Legend**
- ★ Site Location
 - Highway
 - Major Road
 - Railway
 - Watercourse
 - Waterbody
 - Wooded Area



Project Location: 160410204 REVA
 Municipality of City of Ottawa Prepared by CL on 2020-06-25
 Technical Review by ABC on yyyy-mm-dd
 Independent Review by ABC on yyyy-mm-dd

Client/Project: JUSTICE CONSTRUCTION LIMITED
 PHASE ONE ESA
 2164 OLD PRESCOTT ROAD, OTTAWA, ONTARIO

Figure No. 1
 Title

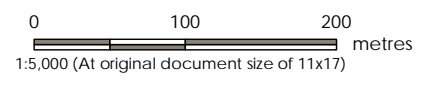
Key Plan

Notes
 1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. Orthoimagery © First Base Solutions, 2018. Imagery Date, 20XX.

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- Legend
- Phase One Property
 - Phase One Study Area



- Notes
1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. Orthoimagery © City of Ottawa, 2018. Imagery Date, 2017.



Project Location: 2164 Old Prescott Road, Greely ON
 Prepared by CL on 2020-06-26
 Technical Review by ABC on yyyy-mm-dd
 Independent Review by ABC on yyyy-mm-dd

Client/Project: JUSTICE CONSTRUCTION LIMITED
 PHASE ONE ESA
 2164 OLD PRESCOTT ROAD, GREELY, ONTARIO

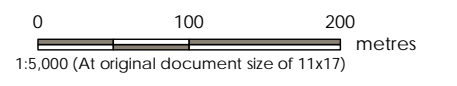
Figure No.: 2

Title: Phase One Property and Study Area



Legend

- Phase One Property
- + Geotechnical Borehole (Stantec, 2018)
- ◆ Geotechnical Well (Stantec, 2018)
- PCA#1 - BAM Paving
- PCA#2 - Fuel Oil Release
- PCA#3 - Osgoode Sand and Gravel
- ➔ Inferred Regional Groundwater Flow Direction
- APEC - Importation of Fill Material of Unknown Quality (PCA 30)



- Notes
1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. Orthoimagery © City of Ottawa, 2018. Imagery Date, 2017.



Project Location: 2164 Old Prescott Road, Greely ON
 160410204 REVA
 Prepared by CL on 2020-06-26

Client/Project: JUSTICE CONSTRUCTION LIMITED
 PHASE ONE ESA
 2164 OLD PRESCOTT ROAD, GREELY, ONTARIO

Figure No.: 3

Title: Conceptual Site Model

ATTACHMENT B:
1954 Aerial Photograph

Appendix B
1954 Air Photos of
Southern Ontario



ATTACHMENT C:
Updated 2020 ERIS Report



DATABASE REPORT

Project Property: *2164 Old Prescott Road
2164 Old Prescott Road
Greely ON K4P 1L4*

Project No: *160410230*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *20200511081*

Requested by: *Stantec Consulting Ltd.*

Date Completed: *May 15, 2020*

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Executive Summary

Property Information:

Project Property: 2164 Old Prescott Road
2164 Old Prescott Road Greely ON K4P 1L4

Project No: 160410230

Order Information:

Order No: 20200511081
Date Requested: May 11, 2020
Requested by: Stantec Consulting Ltd.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Aerial Photographs Aerials - National Collection

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	N	-	-	-
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	N	-	-	-
ANDR	<i>Anderson's Waste Disposal Sites</i>	N	-	-	-
AST	<i>Aboveground Storage Tanks</i>	N	-	-	-
AUWR	<i>Automobile Wrecking & Supplies</i>	N	-	-	-
BORE	<i>Borehole</i>	N	-	-	-
CA	<i>Certificates of Approval</i>	N	-	-	-
CDRY	<i>Dry Cleaning Facilities</i>	N	-	-	-
CFOT	<i>Commercial Fuel Oil Tanks</i>	N	-	-	-
CHEM	<i>Chemical Register</i>	N	-	-	-
CNG	<i>Compressed Natural Gas Stations</i>	N	-	-	-
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	N	-	-	-
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	N	-	-	-
DRL	<i>Drill Hole Database</i>	N	-	-	-
EASR	<i>Environmental Activity and Sector Registry</i>	N	-	-	-
EBR	<i>Environmental Registry</i>	N	-	-	-
ECA	<i>Environmental Compliance Approval</i>	N	-	-	-
EEM	<i>Environmental Effects Monitoring</i>	N	-	-	-
EHS	<i>ERIS Historical Searches</i>	N	-	-	-
EIIS	<i>Environmental Issues Inventory System</i>	N	-	-	-
EMHE	<i>Emergency Management Historical Event</i>	N	-	-	-
EPAR	<i>Environmental Penalty Annual Report</i>	N	-	-	-
EXP	<i>List of Expired Fuels Safety Facilities</i>	N	-	-	-
FCON	<i>Federal Convictions</i>	N	-	-	-
FCS	<i>Contaminated Sites on Federal Land</i>	N	-	-	-
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	N	-	-	-
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	N	-	-	-
FST	<i>Fuel Storage Tank</i>	N	-	-	-
FSTH	<i>Fuel Storage Tank - Historic</i>	N	-	-	-
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	8	8
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	N	-	-	-
HINC	<i>TSSA Historic Incidents</i>	N	-	-	-
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	N	-	-	-
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
LIMO	Landfill Inventory Management Ontario	N	-	-	-
MINE	Canadian Mine Locations	N	-	-	-
MNR	Mineral Occurrences	N	-	-	-
NATE	National Analysis of Trends in Emergencies System (NATES)	N	-	-	-
NCPL	Non-Compliance Reports	N	-	-	-
NDFT	National Defense & Canadian Forces Fuel Tanks	N	-	-	-
NDSP	National Defense & Canadian Forces Spills	N	-	-	-
NDWD	National Defence & Canadian Forces Waste Disposal Sites	N	-	-	-
NEBI	National Energy Board Pipeline Incidents	N	-	-	-
NEBP	National Energy Board Wells	N	-	-	-
NEES	National Environmental Emergencies System (NEES)	N	-	-	-
NPCB	National PCB Inventory	N	-	-	-
NPRI	National Pollutant Release Inventory	N	-	-	-
OGWE	Oil and Gas Wells	N	-	-	-
OOGW	Ontario Oil and Gas Wells	N	-	-	-
OPCB	Inventory of PCB Storage Sites	N	-	-	-
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	N	-	-	-
PCFT	Parks Canada Fuel Storage Tanks	N	-	-	-
PES	Pesticide Register	N	-	-	-
PINC	Pipeline Incidents	N	-	-	-
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	N	-	-	-
REC	Ontario Regulation 347 Waste Receivers Summary	N	-	-	-
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	N	-	-	-
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	N	-	-	-
TANK	Anderson's Storage Tanks	N	-	-	-
TCFT	Transport Canada Fuel Storage Tanks	N	-	-	-
VAR	Variances for Abandonment of Underground Storage Tanks	N	-	-	-
WDS	Waste Disposal Sites - MOE CA Inventory	N	-	-	-
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	N	-	-	-
WWIS	Water Well Information System	N	-	-	-
Total:			0	9	9

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>1</u>	SPL		6742 Chris Tierney, Greely Ottawa ON	SE/151.7	-3.32	<u>13</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON	WSW/162.0	3.06	<u>13</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON	WSW/162.0	3.06	<u>13</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	WSW/162.0	3.06	<u>14</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	WSW/162.0	3.06	<u>14</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	WSW/162.0	3.06	<u>14</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	WSW/162.0	3.06	<u>15</u>
<u>2</u>	GEN	BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	WSW/162.0	3.06	<u>15</u>
<u>3</u>	GEN	BAM PAVING	2136 STAGECOACH RD OTTAWA ON	WSW/162.9	3.06	<u>15</u>

Executive Summary: Summary By Data Source

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

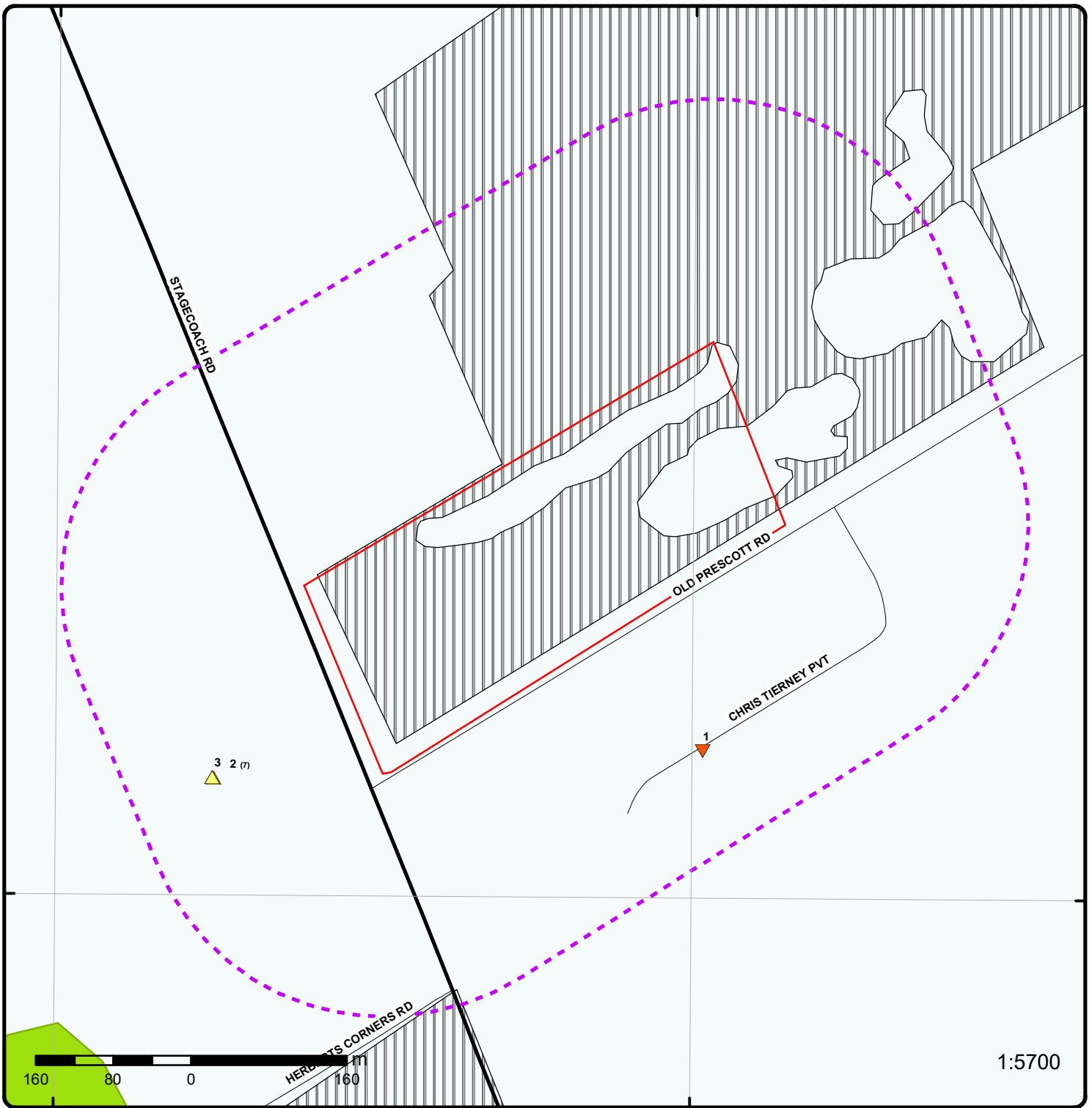
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	162.0	<u>2</u>
BAM PAVING	2136 Stagecoach Rd Greely ON K4P 1M1	162.0	<u>2</u>
BAM PAVING	2136 STAGECOACH RD OTTAWA ON	162.9	<u>3</u>

SPL - Ontario Spills

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

project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6742 Chris Tierney, Greely Ottawa ON	151.7	1



Map : 0.25 Kilometer Radius

Order Number: 20200511081

Address: 2164 Old Prescott Road, Greely, ON



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

75°34'30"W

45°13'30"N

45°13'30"N



250 125 0 250 m

1:10000

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

Aerial Year: 2019

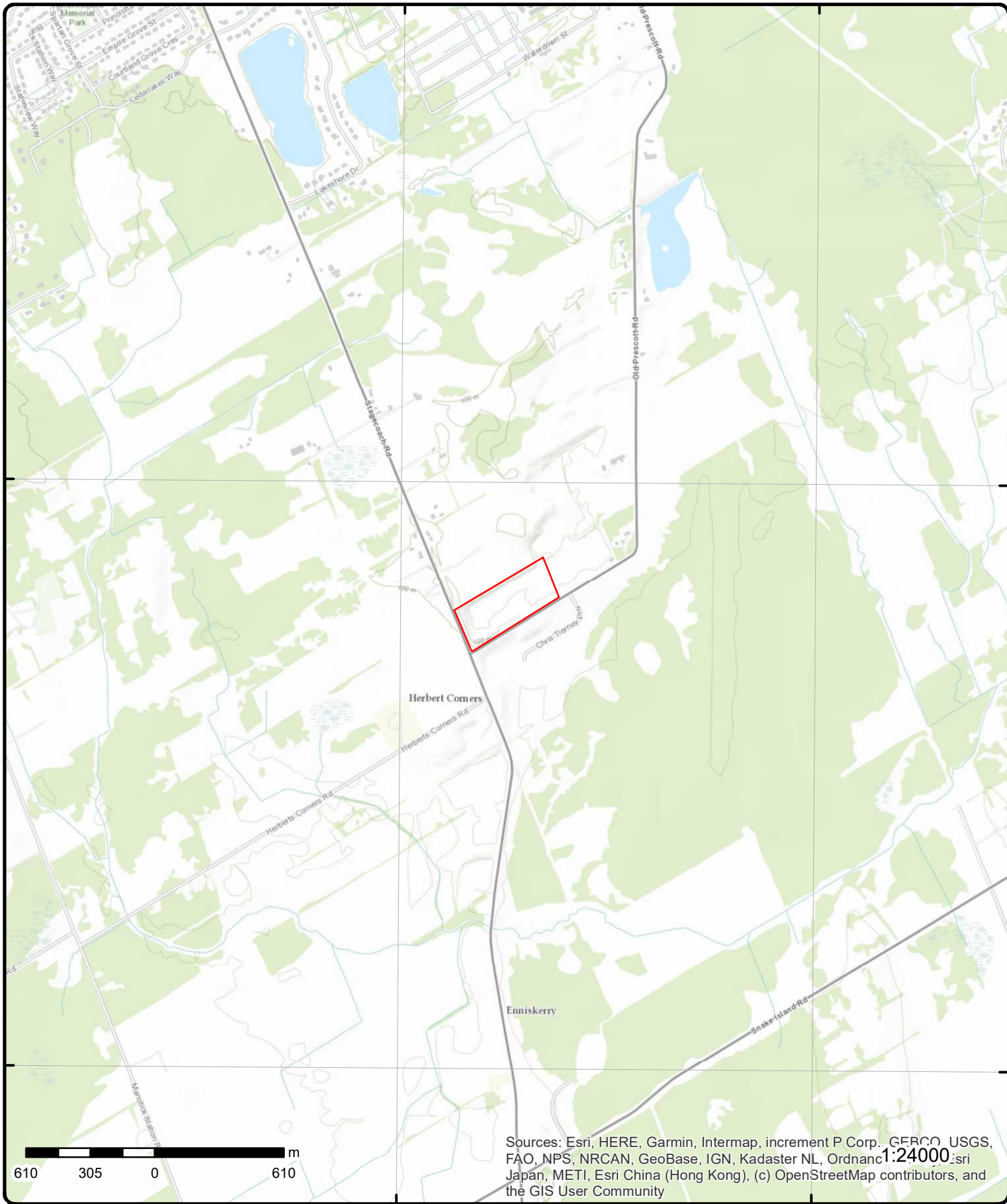
Address: 2164 Old Prescott Road, Greely, ON

Source: ESRI World Imagery

Order Number: 20200511081



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

Topographic Map

Address: 2164 Old Prescott Road, ON

Source: ESRI World Topographic Map

Order Number: 20200511081



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SE/151.7	90.5 / -3.32	6742 Chris Tierney, Greely Ottawa ON	SPL
Ref No: 0226-7T3L46 Site No: Incident Dt: Year: Incident Cause: Tank (Above Ground) Leak Incident Event: Contaminant Code: Contaminant Name: FURNACE OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Soil Contamination Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 6/16/2009 Dt Document Closed: Incident Reason: Site Name: trailer home<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty: TSSA: 4 L of furnace oil to soil 4 L		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch Source Type:			
2	1 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON	GEN
Generator No: ON3344772 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 561730 SIC Description: Landscaping Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
2	2 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON	GEN
Generator No: ON3344772 Status: Approval Years: 2013		PO Box No: Country: Choice of Contact:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	561730	LANDSCAPING SERVICES		Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	252	WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			
2	3 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON K4P 1M1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON3344772 No 2016 No No 561730	LANDSCAPING SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL GRACE ALESSI 6138801005 Ext.
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	252	WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			
2	4 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON K4P 1M1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON3344772 No 2015 No No 561730	LANDSCAPING SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL GRACE ALESSI 6138801005 Ext.
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	252	WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:	251	OIL SKIMMINGS & SLUDGES			
2	5 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON K4P 1M1	GEN
Generator No: Status: Approval Years: Contam. Facility:	ON3344772 No 2014 No			PO Box No: Country: Choice of Contact: Co Admin:	Canada CO_OFFICIAL GRACE ALESSI

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 561730			Phone No Admin: 6138801005 Ext.	
LANDSCAPING SERVICES					
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				
<u>2</u>	6 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON K4P 1M1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON3344772 Registered As of Dec 2018			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)				
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				
<u>2</u>	7 of 7	WSW/162.0	96.9 / 3.06	BAM PAVING 2136 Stagecoach Rd Greely ON K4P 1M1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON3344772 Registered As of Oct 2019			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)				
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				
<u>3</u>	1 of 1	WSW/162.9	96.9 / 3.06	BAM PAVING 2136 STAGECOACH RD OTTAWA ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility:	ON3344772 2009			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>SIC Code:</i>	561730				
<i>SIC Description:</i>		Landscaping Services			
 <i><u>Detail(s)</u></i>					
<i>Waste Class:</i>	252				
<i>Waste Class Desc:</i>		WASTE OILS & LUBRICANTS			

Unplottable Summary

Total: **6** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AGR	Greely Sand & Gravel Inc.	Lot 16 & 17, Con III	OSGOODE ON	
GEN	OSGOODE SAND AND GRAVEL LTD.	LOT 14, CONC 4, OSGOODE TWSP. C/O P.O. BOX 190	GREELY ON	K0A 1Z0
GEN	OSGOODE SAND AND GRAVEL LTD. 29-423	LOT 14, CONC 4, OSGOODE TWSP. C/O P.O. BOX 190	GREELY ON	K0A 1Z0
GEN	OSGOODE SAND AND GRAVEL LTD.	LOT 14, CONC 4	OSGOODE ON	K0A 1Z0
PRT	OSGOODE SAND & GRAVEL LTD	LOT 14 CON 4	OSGOODE TWP ON	
SPL	Lafarge Canada Inc.	Stagecoach Road and Old Prescott Road	Ottawa ON	

Unplottable Report

Site: Greely Sand & Gravel Inc.
Lot 16 & 17, Con III OSGOODE ON

Database:
AGR

ID: 4204
OGF ID:
Current Status:
Status Date:
Effective Date:
Auth Type Desc: CLASS A LICENCE
Authority Type:
Operation Type: Pit
Max Annual Tonnage: 150000
Max Tonnage:
Unlimited Tonnage:
Source Detail:
Effective Datetime:
System Datetime:
Refreshed Datetime:
Geometry Update Datetime:

Water Status:
Licenced Area (ha): 7.7
Extraction Area:
Location Name:
Location Accuracy:
Lower Tier Municipi: OTTAWA
Upper Tier Municipi: OTTAWA-CARLETON R
District: Kemptville District
District Name:
Section:
Shape Area:
Shape Len:

Site: OSGOODE SAND AND GRAVEL LTD.
LOT 14, CONC 4, OSGOODE TWSP. C/O P.O. BOX 190 GREELY ON K0A 1Z0

Database:
GEN

Generator No: ON1146800
Status:
Approval Years: 89
Contam. Facility:
MHSW Facility:
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: OSGOODE SAND AND GRAVEL LTD. 29-423
LOT 14, CONC 4, OSGOODE TWSP. C/O P.O. BOX 190 GREELY ON K0A 1Z0

Database:
GEN

Generator No: ON1146800
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: OSGOODE SAND AND GRAVEL LTD.
LOT 14, CONC 4 OSGOODE ON K0A 1Z0

Database:
GEN

Generator No: ON1146800
Status:
Approval Years: 92,93,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: OSGOODE SAND & GRAVEL LTD
LOT 14 CON 4 OSGOODE TWP ON

Database:
PRT

Location ID: 10668
Type: private
Expiry Date:
Capacity (L): 22730.00
Licence #: 0001063896

Site: Lafarge Canada Inc.
Stagecoach Road and Old Prescott Road Ottawa ON

Database:
SPL

Ref No: 3627-9BJJZX
Site No:
Incident Dt: 2013/09/14
Year:
Incident Cause: Process Upset/Malfunction
Incident Event:
Contaminant Code: 27
Contaminant Name: CONCRETE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2013/09/14
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: concrete spill<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Lafarge: 1m3 concrete to road, clng
Contaminant Qty: 1 m³

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Truck - Transport/Hauling
Sector Type:
Agency Involved:
Nearest Watercourse: Stagecoach Road and Old Prescott Road
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Primary Assessment of Spills
Source Type:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

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, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Feb 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Mar 31, 2020

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

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-Apr 30, 2020

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Mar 31, 2020

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Apr 30, 2020

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Jan 31, 2020

Environmental Issues Inventory System:

Federal [EIS](#)

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 EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

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

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

List of Expired Fuels Safety Facilities:

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Nov 2019

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:Federal [NEBI](#)

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):Federal [NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:Federal [NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:Federal [NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Mar 31, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988 - Apr 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, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Mar 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up 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-Mar 2020

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2019

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970-Aug 2018

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, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Apr 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

ATTACHMENT D:
Site Photographs

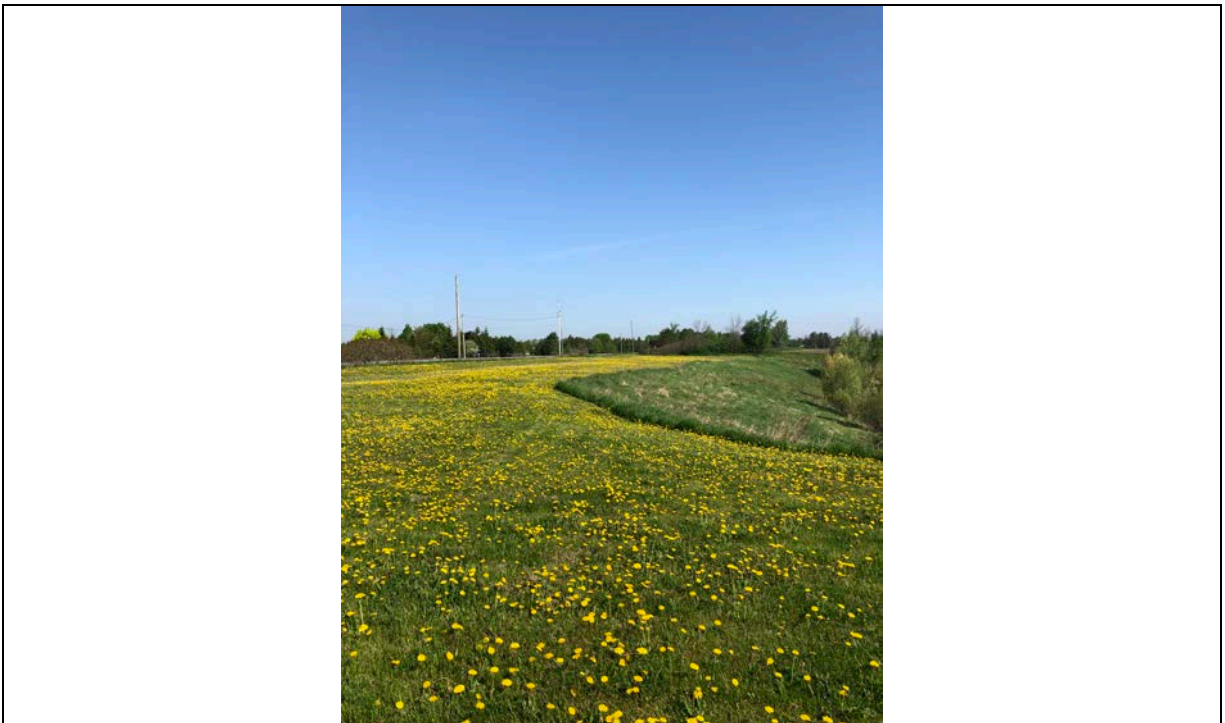


Photo 1 View of western property boundary showing fill area along the slope.



Photo 2 View of the Site, looking west. Monitoring wells installed during the Geotechnical Investigation (Stantec, 2018c) shown on the right.

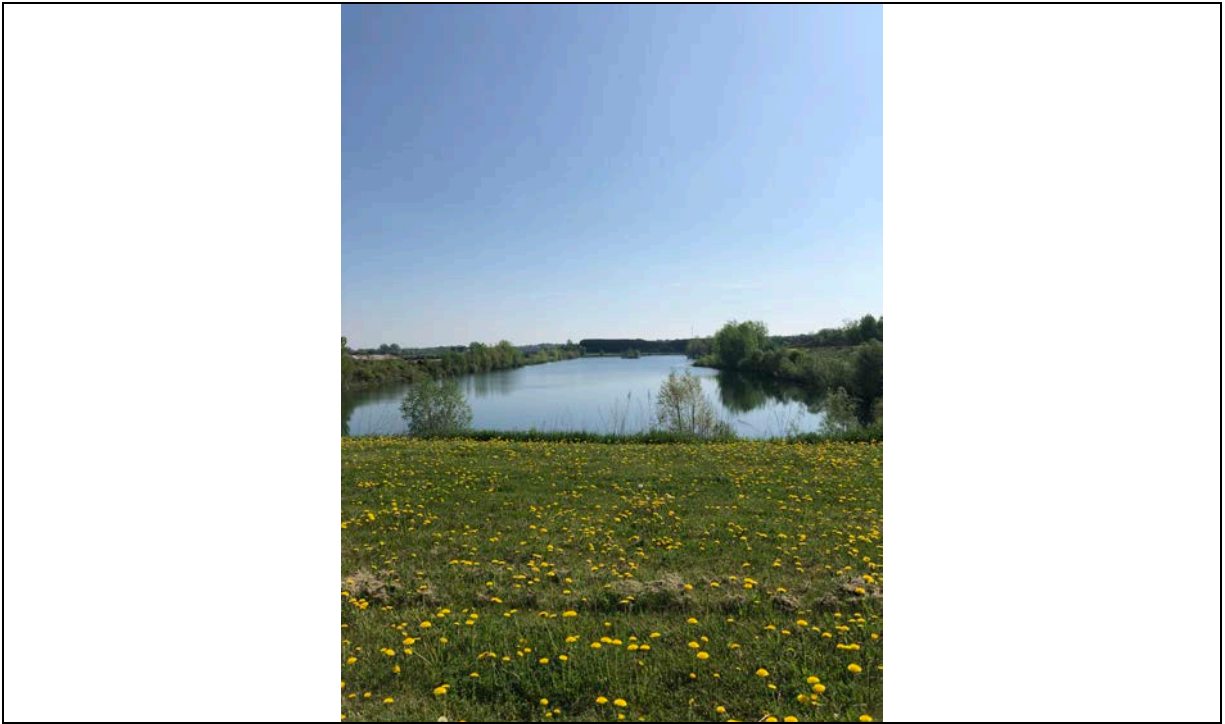


Photo 3 View of the Site, looking east.



Photo 4 View of the Site, looking north, showing fill area along the slope.



Photo 5 View of construction material in southern portion of the Site.

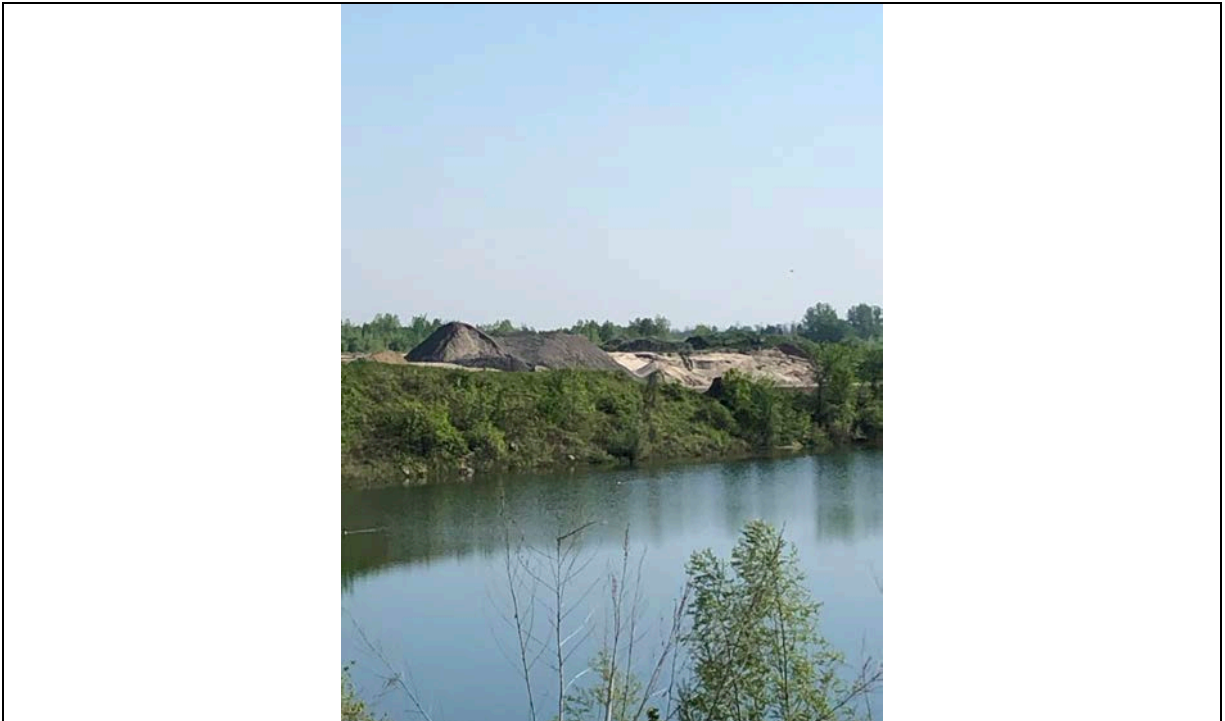


Photo 6 View of Osgoode Sand and Gravel Ltd., located north of the Site.