



Soil Engineers Ltd.

CONSULTING ENGINEERS

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100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

BARRIE	MISSISSAUGA	OSHAWA	NEWMARKET	GRAVENHURST	PETERBOROUGH	HAMILTON
TEL: (705) 721-7863	TEL: (905) 542-7605	TEL: (905) 440-2040	TEL: (905) 853-0647	TEL: (705) 684-4242	TEL: (905) 440-2040	TEL: (905) 777-7956
FAX: (705) 721-7864	FAX: (905) 542-2769	FAX: (905) 725-1315	FAX: (416) 754-8516	FAX: (705) 684-8522	FAX: (905) 725-1315	FAX: (905) 542-2769

**A REPORT TO
STAR OAK DEVELOPMENTS LIMITED**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
CSA STANDARD**

PROPERTY ASSESSMENT

**SOUTHWEST CORNER OF
SIXTH LINE AND BURNHAMTHORPE ROAD WEST**

TOWN OF OAKVILLE

Reference No. 1402-E016

March 5, 2014

DISTRIBUTION

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1.0

EXECUTIVE SUMMARY

Soil Engineers Ltd. was retained by Star Oak Developments Limited to carry out a Phase I Environmental Site Assessment (hereinafter referred to as “ESA”) in accordance with CSA Standard Z768-01 for a property at the southwest of Sixth Line and Burnhamthorpe Road West, in the Town of Oakville, Ontario (hereinafter referred to as “subject site”).

The purpose of the study is to identify any potential environmental concern associated with the subject site. The findings from our research of documents pertaining to the subject site, an environmental site reconnaissance, and interviews with persons knowledgeable of the subject site, together with our assessment, are presented in this report.

Throughout the years, the subject site has been mainly used for agricultural purposes. The neighbouring properties consist mainly of residential properties to the north, and rural residential properties to the east and west, and south.

The Phase I ESA has revealed the following environmental concern attendant to the subject site that requires an additional investigation to determine the true impact on the soil at the subject site:

- There is a possibility of pesticide being used as part of the farming activities on the subject site.

The site inspection was conducted with snow covering the ground. In order to comply with the CSA Standard Z768-01, a second site inspection is required when the snow has dissipated.



2.0

INTRODUCTION

2.1 **General**

In accordance with our proposal dated February 6, 2014, as authorized at the same date by Mr. Brian Whiston of Star Oak Developments Limited, Soil Engineers Ltd. has carried out a Phase I Environmental Site Assessment (ESA) on a property at the southwest of Sixth Line and Burnhamthorpe Road West, in the Town of Oakville.

The study is conducted in general conformance with the November 2001 Canadian Standards Association (CSA) Standard Z768-01, partially updated April 2003.

The purpose of this study is to identify any potential environmental concern associated with the subject site for a diligence investigation in support of a real estate agreement.

2.2 **Scope of Work**

This Phase I ESA consists of the following:

- Review of records to assess past activities which may have potential impacts on the environmental conditions of the subject site.
- A site reconnaissance for identification of any potential on-site environmental concern.
- Observation of adjacent properties and their potential impacts on the subject site.
- Interviews with persons knowledgeable of the subject site.
- Preparation of this report containing our findings, relevant research documents and our assessment.



2.3 Site Description

The subject site, as shown on the Site Location Plan, Drawing No. 1, is located on the south side of Burnhamthrope Road and west of Sixth Line, in the Town of Oakville. The Property Identification Number (PIN) is 24929-0081 (LT), as shown on the Property Index Map, Drawing No. 2.

The subject site is formerly a Part of Lot 16, Concession 1, Trafalgar, North of Dundas Street. The PIN, the property descriptions from the parcel register, and the tax assessment roll number are given in the following Table 1.

Table 1 - Property Information

PIN	Property Descriptions from Parcel Register	Municipal Addresses and Assessment Roll Number
24929-0081	PCL 16-1, SEC T12; PT LT 16, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET, PART 1, 20R11053 ; OAKVILLE/TRAFALGAR	N/A

The subject site is mostly rectangular in shape, encompassing an approximate area of 23.5 ha (58.3 ac). The UTM coordinates for the approximate centroid of the subject site are (17T) 601386 m E and 4815916 m N, as obtained from Google Earth which utilizes a 1983 North American Datum.

Municipal Property Assessment Corporation (MPAC)

Since there is no municipal address for the subject site, no MPAC report is ordered.



3.0 RECORDS REVIEW

3.1 Land Title Search

A land title search was conducted for the subject site at the Halton Land Registry Office.

The earliest available record indicates that the entire lot (200 ac), was patented to W. Freeman by the Crown in 1808 and it was sold to B.R. Freeman in 1849.

A Historical Map drafted in 1880 was located at the Historical Atlas of the digital library McGill University website. A copy of the map is presented on Drawing No. 3, showing the subject site was part of the estate owned by I. Freeman. Given the size and shape of the estate, the first developed use appears to be farmland. The subject site is adjacent to two (2) roadways.

Throughout the years, the ownerships of the subject site changed several times between private parties and businesses. The most recent land transfers are shown in the following table.

Table 2 - The Most Recent Land Transfer

PIN 24929-0081			
Reg. Num.	Year	Parties From	Parties To
D9200120	1993	-	Star Oak Developments Limited



3.2 Previous Environmental Reports

Soil Engineers Ltd. is not aware of, nor was it provided with any previous environmental report pertaining to the subject site.

3.3 Area Mapping

Maps of the subject site were located at the Soil Engineers Ltd. Map Library on February 18, 2014. A 2003 Ontario Base Map (OBM) with the topographical contours is presented on Drawing No. 4. A wooded area and a creek are located on the subject site. In addition, the subject site is adjacent to two (2) roadways. Based on the topography of this area, precipitation runoff from the subject site is expected to drain southeast.

3.4 Aerial Photography

Aerial photographs showing the subject site and its surrounding area were available at the private library of Soil Engineers Ltd. The aerial photographs dated 1974, 1985 and 2014 were reviewed. The subject site has been a vacant land since 1974. The subject site is adjacent to two (2) roadways (i.e. Sixth Line and Burnhamthorpe Road West). Copies of the aerial photographs are presented in Appendix 'A'.



3.5 Ministry of the Environment (MOE) Records and Databases

Waste Disposal Sites

Active and closed landfill sites located in excess of 1 km from the subject site are considered to have no significant potential for environmental impact on the subject site. Soil Engineers Ltd. reviewed the Ontario Ministry of the Environment (MOE) “Waste Disposal Site Inventory”, dated June 1991. There is no record of any active or closed waste disposal site within 1 km of the subject site.

Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario

Soil Engineers Ltd. reviewed the MOE “Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario”, dated November 1988, and the “Inventory of Coal Gasification Plant Waste Sites in Ontario”, dated April 1987. There is no record of any coal gasification plant, coal tar distillation plant, creosote plant, etc., at or within the vicinity of the subject site. All facilities of this nature are located in excess of 1 km from the subject site and are considered to have no significant potential environmental impact on the subject site.

Polychlorinated Biphenyls (PCBs) Waste Storage Sites

The MOE “Ontario Inventory of PCBs Storage Sites”, dated 2000, was reviewed. The subject site was not registered as a polychlorinated biphenyls (PCBs) waste storage site. Furthermore, no PCBs storage site is located within 250 m from the subject site.



MOE Waste Generator

The MOE Waste Generator Registration database files, dated 2000, 2008 and 2012, were reviewed. The subject site is not registered as a waste generator. There is no registered waste generator within a 250 m radius of the subject site.

MOE Freedom of Information (FOI)

On February 18, 2014, Soil Engineers Ltd. sent an inquiry letter to the MOE Freedom of Information Office for documented environmental concerns and citations on the subject site. No response had been received at the time of writing this report. In the event that their response suggests cause for concern, it will be forwarded together with our assessment of its significance.

3.6 Other Sources

Fire Insurance Plans

During the years researched, the subject site has always been used for agricultural purposes. Plans and Fire Insurance Maps were last published by CGI Information Systems and Management Consultants Inc. in the mid-1970s and did not cover agricultural areas. Therefore, no information pertaining to the subject site was requested.

Technical Standards & Safety Authority (TSSA)

The use of underground storage tanks (USTs) containing petroleum products in Ontario is regulated by the Ministry of Consumer and Commercial Relations (MCCR) under various legislative instruments, including the Gasoline Handling Act and Energy Act. Above-ground and underground storage tanks that contain petroleum products are required by law to be registered with the MCCR, and the Technical Standards and Safety Authority (TSSA) is responsible for keeping record of these tanks. Customer Services of the TSSA was contacted on February 11, 2014, regarding possible registration, size and age of USTs at the subject site. They informed us that no UST was registered for the subject site. It should be noted that reliable TSSA records are only from 1987 to the present.

Environmental Risk Information Service (ERIS) Ltd.

ERIS Ltd. provides reports that compile information from both government and private databases of interest to the environmental field. An Ecolog ERIS report, project Number 20140219010, dated February 26, 2014 was prepared for the Phase One Study Area. The database and number of records found pertaining to the Phase One Property (i.e. subject site) and Phase One Study Area are listed in the Table 3 below:

**Table 3 - Summary of EcoLog ERIS Report**

Database	Number of Records for Subject Site	Number of Additional Records for Properties Within 250 m
Certificates of Approval	0	1
ERIS Historical Searches	0	2
Record of Site Condition	0	1
Water Well Information System	6	13

The records pertaining to the subject site and the Phase One Study Area are briefly discussed in the following sections.

Certificates of Approval

The Certificates of Approval database contains information on the following types of approvals: Air and Noise, Industrial Sewage, Municipal and Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE 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. There is one (1) Certificate of Approval for properties within a 250 m radius of the subject site.

ERIS Historical Searches

This is a compilation of all environmental risk reports completed since 1999. There are two (2) records of environmental risk reports for the surrounding properties.



Record of Site Condition (RSC)

The Record of Site Condition is part of the Ministry of the Environment's Brownfields Environmental Registry. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. One (1) RSC record is located to the west of the subject site. The record concerns changing agricultural/other property use to residential property use at the designated site.

Water Well Information System

The database describes locations and characteristics of water wells found within Ontario in accordance with O. Reg. 903. Based on the EcoLog ERIS report, six (6) wells are located on the subject site and an additional thirteen (13) wells are located within a 250 m radius of the subject site. The ERIS report prepared for the subject site can be found in Appendix 'B'.



3.7 Occupancy Search

An occupancy search was conducted using city directories (dated from 1965 to 2001) at the Toronto Reference Library. The record indicates that the subject site and the neighbouring properties within 250 m from the subject site are occupied by private individuals throughout the years, or facilities with no record of environmental concern.

3.8 Results of Record Review

The record review indicates that the subject site has been used mainly for agricultural purposes. The record review has disclosed the following items that require further consideration:

- The subject site is adjacent to two (2) roadways. (Sources: Historical maps and aerial photographs)
- A creek and a wooded area are located on the subject site. (Source: Ontario Base Map)
- There is a possibility that pesticide is used as part of the farming activity on the subject site. (Sources: Historical map and aerial photographs)
- There are six (6) water wells at the subject site. (Source: Ecolog ERIS report)



4.0 ENVIRONMENTAL SITE RECONNAISSANCE

4.1 Site Inspection

A visual inspection of the subject site was conducted by Ms. Laila Torabansari, M.Sc., on February 13, 2014, to determine the general environmental conditions of the subject site and the neighbouring properties within a radius of 250 m of the subject site. At the time of the site inspection, the weather condition is cloudy, and the temperature is -5°C . The inspection took approximately 1.5 hours to complete. Site photographs taken during the site inspection are presented in Appendix 'C'.

At the time of site inspection, the subject site consists of a wooded area and a piece of farm land. There is no driveway or entrance to the subject site. The wooded area is located on the northern portion of the subject site.

The ground surface of the subject site is relatively flat with minor undulations, and the grade at the subject site gently descends towards the southeast. There was no visible sign of any excavated pit at the subject site. There was no evidence to suggest that materials of environmental concern are used, stored or disposed on the subject site. Please note that the subject site is covered with snow at the time of inspection.



4.2 **Building Inspection**

There is no structure on the subject site at the time of site inspection.

4.3 **Storage Tanks**

Underground Storage Tank

At the time of the inspection, there is no UST at the subject site.

Above-Ground Storage Tank (AST)

At the time of the inspection, there is no AST on the subject site.

4.4 **Hazardous Materials**

Our representative checked for the presence of hazardous materials such as asbestos-containing materials (ACM), polychlorinated biphenyls (PCBs), urea-formaldehyde foam insulation (UFFI), ozone-depleting substances (ODS), mercury, and lead-based paints. Based on our visual inspection of the subject site, there is no evidence to suggest that any of these hazardous materials are used, stored or disposed on the subject site.

4.5 **Substance Containers**

Our representative checked for the presence of substance containers such as oil drums, used oil containers, gasoline jerry cans, paint cans, etc. At the time of the site inspection, there is no substance container on the subject site.



4.6 Waste Management and Maintenance Practices

No waste is generated on the subject site.

4.7 Air Quality and Noise

During our site reconnaissance, there is no offensive odour or detectable source of air emission that may impact the ambient air quality of the subject site. No unexpected noise level greater than the ambient was noted on the subject site.

4.8 Adjacent Properties

Based on our visual inspection of the publicly accessible areas, neighbouring properties consist mainly of residential properties to the north, and rural residential properties to the east and west, and south.

4.9 Results of Environmental Site Reconnaissance

Our site reconnaissance revealed the following information pertaining to the environmental conditions of the subject site:

- There is a possibility of pesticide being used as part of the farming activities on the subject site.
- The subject site is adjacent to two (2) roadways.
- The subject site was covered with snow at the time of inspection.
- There is a wooded area on the subject site.



5.0 INTERVIEWS

5.1 Persons Knowledgeable of the Site

Mr. David Faye, the client, was interviewed on February 13, 2014. He mentioned that there was only one (1) water well on the subject site. However, it was decommissioned in 2011. As part of the interview, he filled out an Environmental Site Assessment Questionnaire which is presented in Appendix 'D'.

5.2 Summary of Interview

The following is the result of our interview:

- The subject site has been used as an agricultural land.



6.0 DISCUSSION AND RECOMMENDATIONS

Soil Engineers Ltd. was retained by Star Oak Developments Limited to carry out a Phase I ESA for a property at the southwest of Sixth Line and Burnhamthorpe Road West, in the Town of Oakville. Throughout the years, the subject site has been used for agricultural purposes. The neighbouring properties consist mainly of residential properties to the north, and rural residential properties to the east and west, and south.

Based on the information obtained through our record review, the visual observations recorded during our site reconnaissance and interviews, the Phase I ESA has revealed the following items that require further consideration:

- The possible use of pesticides because of agricultural activities. (Sources: Site inspection, interview, historical maps, and aerial photographs)
- The subject site is covered by snow (Source: Site inspection).
- The subject site is adjacent to two (2) roadways (Source: Site inspection, historical map, Ontario Base Map, and aerial photographs).
- There are a creek and a wooded area on the subject site. (Source: Site inspection and Ontario Base Map)
- There are six (6) water wells on the subject site. (Source: Ecolog ERIS report)



An evaluation of each of these items and their effects on the subject site is given in the discussion below.

1) Pesticides Use

Based on the historical maps, aerial photographs, site inspection and our interview, the subject site has been used for agricultural purposes. There is a possibility of pesticides being used as the part of the agricultural activities. Therefore, it is considered as a potential environmental concern for the subject site.

2) Roadway

The subject site is adjacent to two (2) roadways (i.e. Sixth Line and Burnhamthorpe Road West). This is of concern due to the de-icing chemicals used during the winter season which may result in higher than usual levels for the Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC) of the soil. If the soil remains in situ, it is considered to meet the standards through clause 48(3) of O. Reg. 153/04. However, should the material be displaced, it will no longer qualify for this exemption and must be managed accordingly. This is not an environmental concern.

3) Snow Cover

It should be noted that the ground was covered with snow during the site reconnaissance. A second site reconnaissance must be conducted after the snow has been completely melted.



4) Wooded Area and Creek

Based on our site inspection and Ontario Base Map, there are a wooded area and a creek on the subject site. This is noted because of potential restrictions in development. They are not considered as environmental concerns in this report.

5) Water Wells

Any well found and not in use, must be properly decommissioned. A copy of the work orders should be retained for future reference. Water wells will not be considered as an environmental concern in this report.

The Phase I ESA has revealed the following environmental concern attendant to the subject site that requires a subsurface investigation to determine the true impact on the soil at the subject site:

- The possible use of pesticides because of agricultural activities. (Source: Aerial Photographs, historical map, site inspection, and interview)

The site inspection was conducted with snow covering the ground. In order to comply with the CSA Standard Z768-01, a second site inspection is required when the snow has dissipated.



7.0 QUALIFICATIONS

Soil Engineers Ltd., formerly known as Soil-Eng Limited (founded in 1976), offers to its clients a range of specialized engineering services. Our company is staffed with both engineers and scientists who draw upon their combined experience to provide a team approach to problem solving and are trained to understand the MOE regulations. We play an integral role in the development of industrial, commercial, institutional and residential subdivisions, complexes, structures, and their related infrastructures, by providing our clients with the needed expertise for their projects.

The review of record for this assessment was conducted by Mr. Laila Torabansari. She has a Master Degree in Environmental Science from the Saxion University. She has been trained to conduct Phase I and Phase II ESAs in accordance with the CSA Standards and O. Reg. 153/04 as amended.

Mr. Anthony C.K. Ching is the Senior Environmental Manager of Soil Engineers Ltd. He has a Bachelor Degree in Civil Engineering from the University of Waterloo and is licensed to practice in Ontario (PEO Licence No. 8064115). He has over 14 years of experience in the review and approval of land development and environmental site assessment (ESA). He manages the environmental department, oversees the projects and is involved in the technical review of the ESA reports.

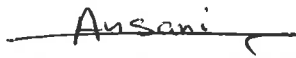


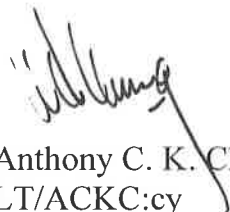
One must understand that the mandate of Soil Engineers Ltd. is to obtain readily available past and present information pertinent to the subject site for an environmental screening assessment only. No other warranty or representation, expressed or implied, as to the accuracy of the information is included or intended by this assessment.

It should be noted that the information supplied in this report may not be sufficient to obtain approval for disposal of excess soil or materials generated during construction, and chemical testing of soil samples may be necessary to obtain such approval.

This report was prepared by Soil Engineers Ltd. for the account of Star Oak Developments Limited and for review by their designated agents and financial institutions. The material in it reflects the judgement of Laila Torabansari, M.Sc. and Anthony C. K. Ching, P.Eng., in light of the information available at the time of preparation of this report. Any use which a Third Party makes of this report, or any reliance on decisions to be made based on it, are the responsibility of such Third Parties. Soil Engineers Ltd. accepts no responsibility for damages, if any, suffered by any Third Party as a result of decisions made or actions based on this report.

SOIL ENGINEERS LTD.


Laila Torabansari, M.Sc.


Anthony C. K. Ching, P.Eng., QP_{ESA}
LT/ACKC:cy

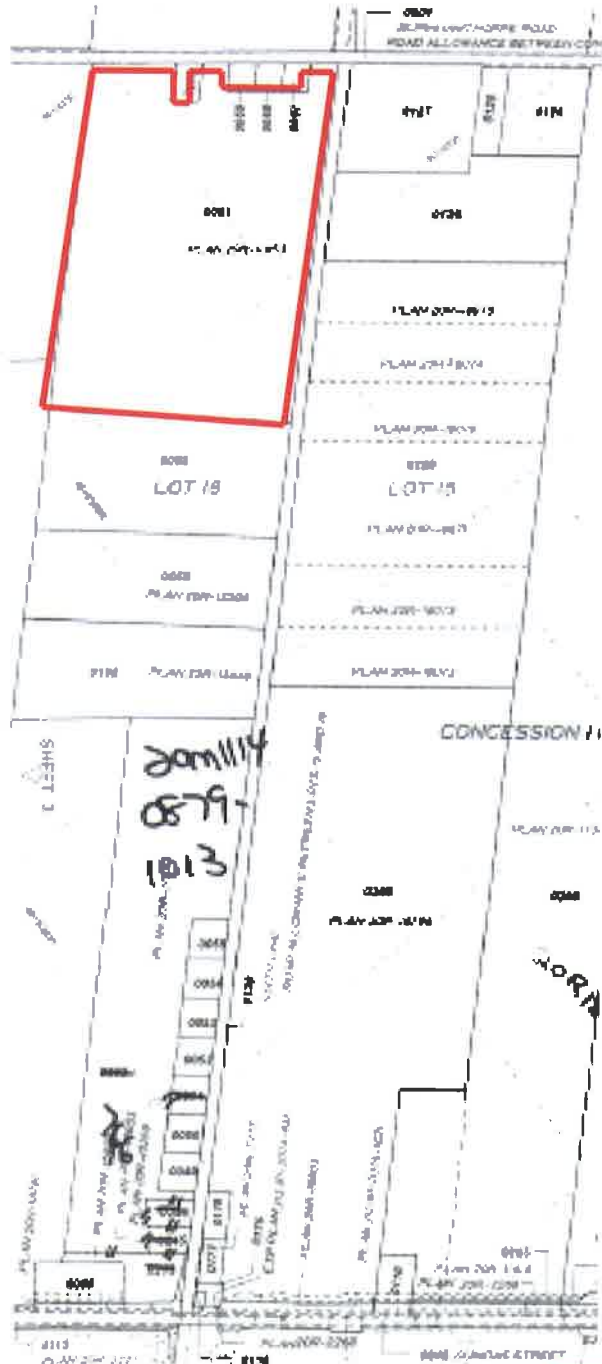




<p>Soil Engineers Ltd.</p>	
Title	Site Location Plan
Project	Property Assessment Southwest corner of Sixth Line and Burnhamthorpe Road West Town of Oakville
Reference No.	1402-E016
Date	February 18, 2014
Scale	N/A
Drawing No.	1


Source: Google Earth

 Approximate Location of Subject Site



Approximate Location of Site



	
Title Property Index Map (Block 24929)	
Project Property Assessment Southwest corner of Sixth Line and Burnhamthorpe Road West Town of Oakville	
Reference No. 1402-E016	
Date February 18, 2014	
Scale N/A	
Drawing No. 2	

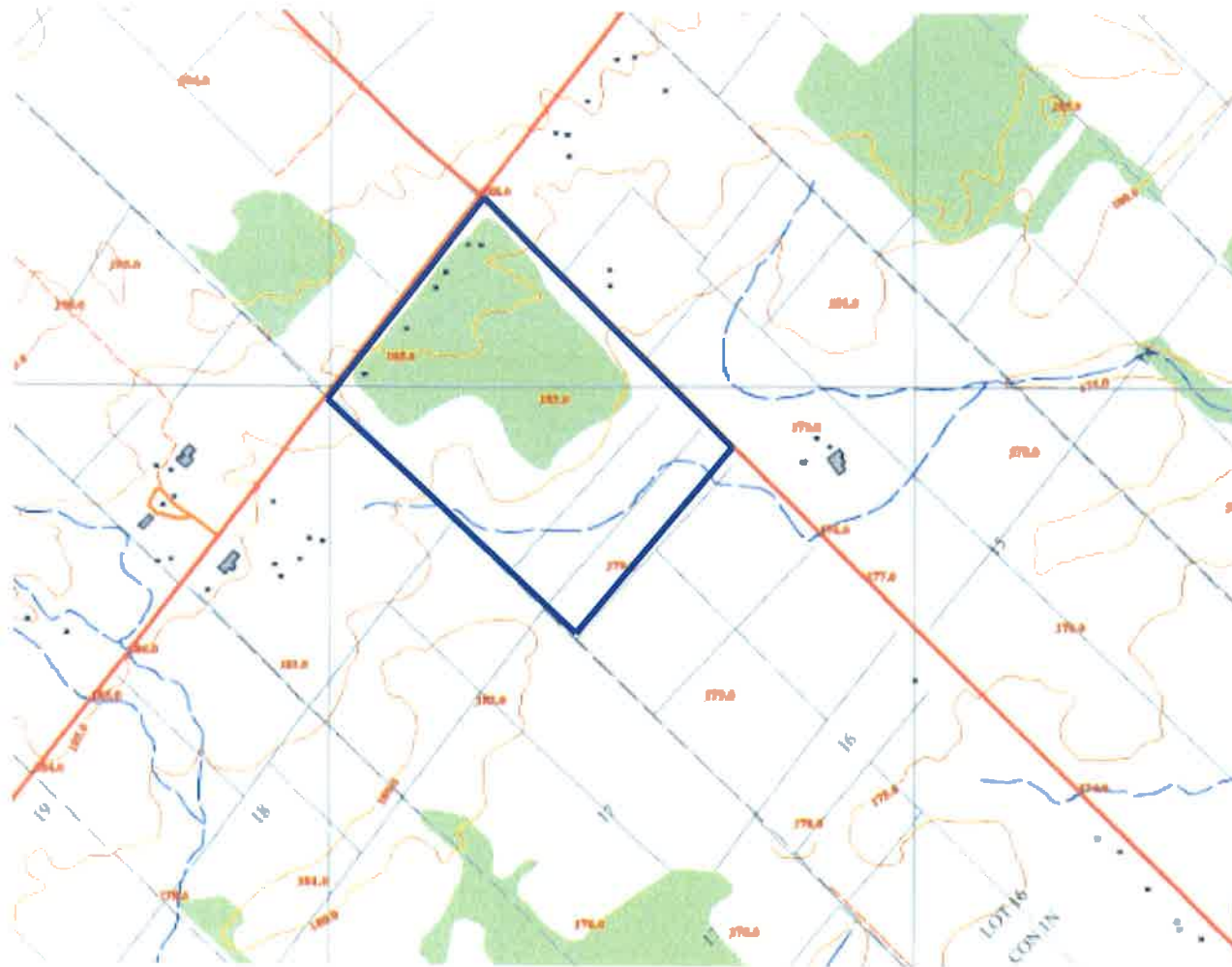


Title	1880 Historical Map
Project	Property Assessment Southwest corner of Sixth Line and Burnhamthorpe Road West Town of Oakville
Reference No.	1402-E016
Date	February 18, 2014
Scale	N/A
Drawing No.	3

Source: Historical Atlas of McGill University Library Website




Approximate Location of Site



Title	2003 Ontario Base Map
Project	Property Assessment Southwest corner of Sixth Line and Burnhamthorpe Road West Town of Oakville
Reference No.	1402-E016
Date	February 18, 2014
Scale	N/A
Drawing No.	4

Source: Department of Energy, Mines and Resources
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 Approximate Location of Site



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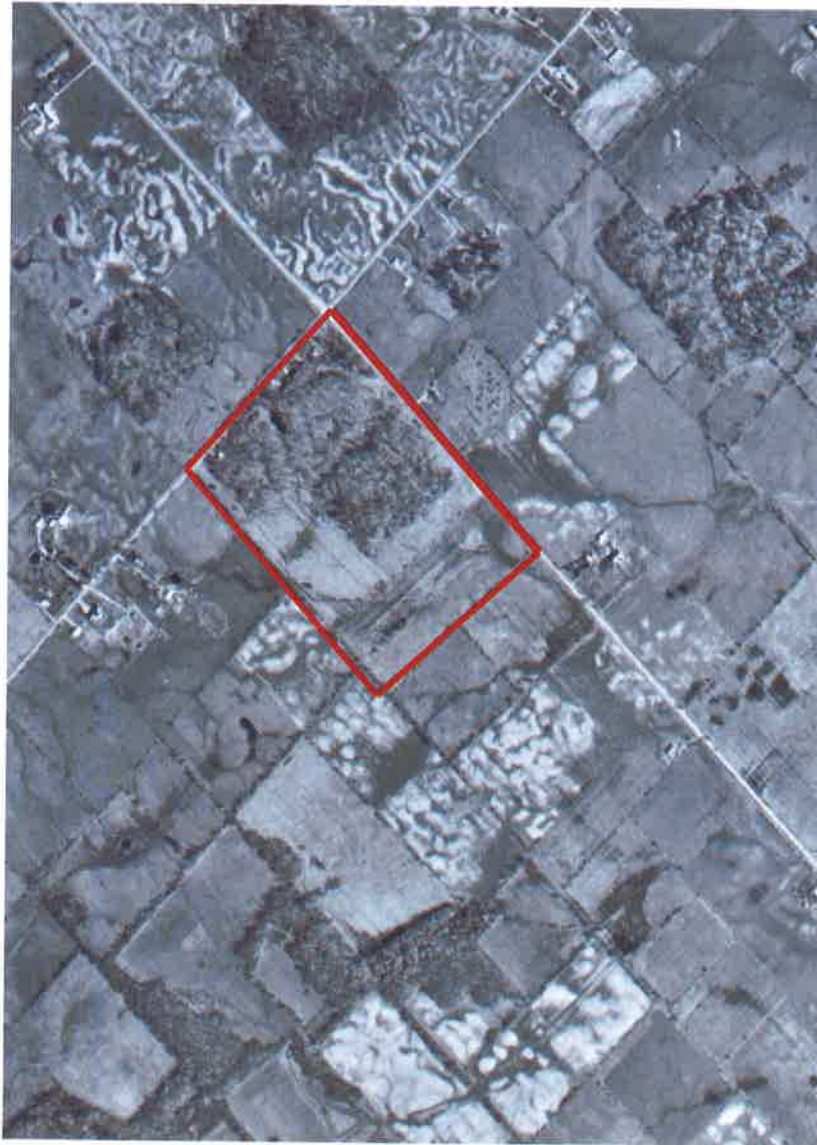
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TEL: (705) 721-7863 FAX: (705) 721-7864	TEL: (905) 542-7605 FAX: (905) 542-2769	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 853-0647 FAX: (416) 754-8516	TEL: (705) 684-4242 FAX: (705) 684-8522	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 777-7956 FAX: (905) 542-2769

APPENDIX 'A'

AERIAL PHOTOGRAPHS

REFERENCE NO. 1402-E016



 Approximate Site Location

Source: University of Toronto



Title

1974 Aerial Photo

Project

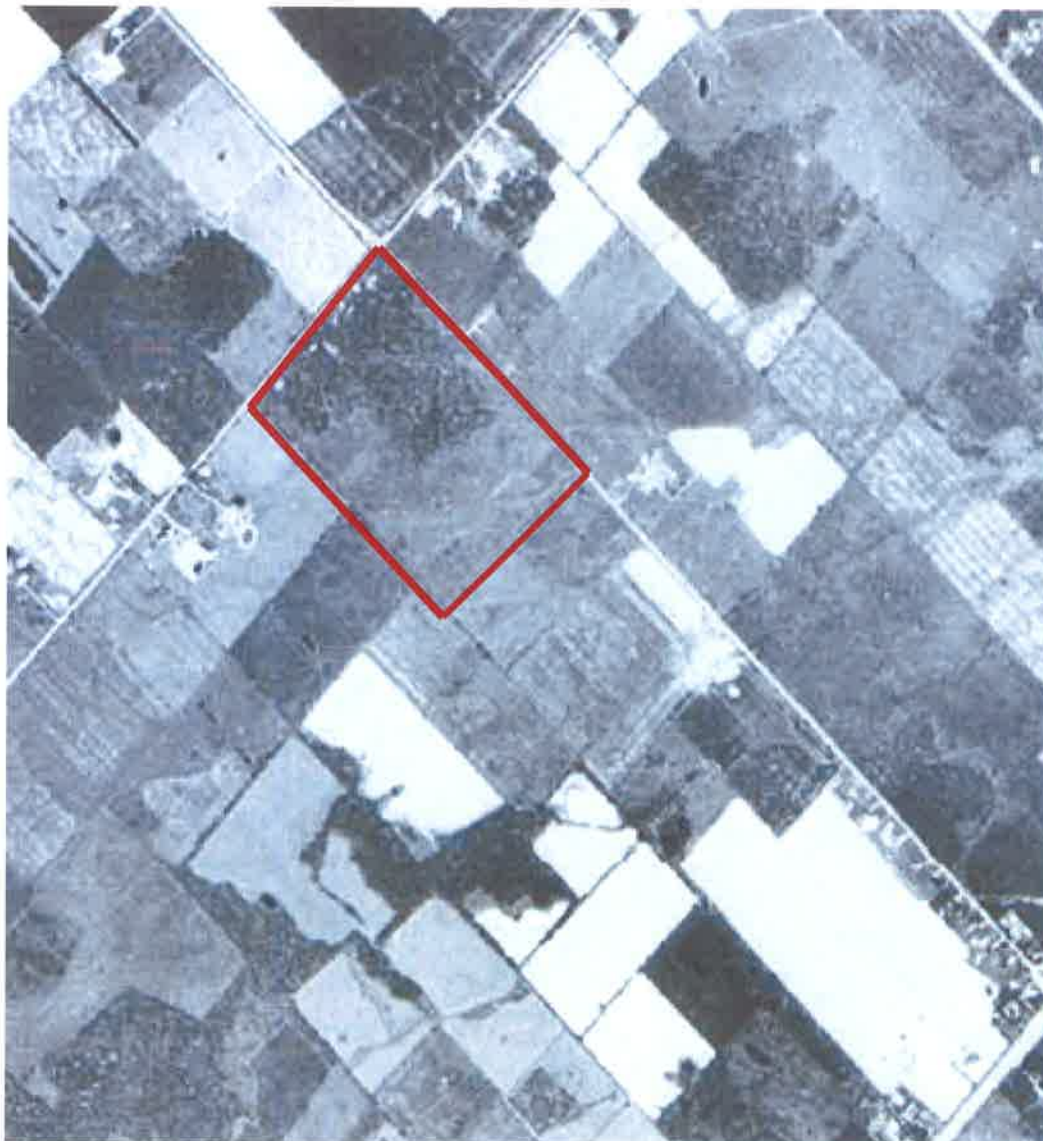
Property Assessment
Southwest of Sixth Line and
Burnhumpthorpe Road West
Town of Oakville


Reference No.
1402-E016

Date
February 13, 2014

Scale
N/A

Appendix 'A'
Page 1 of 3



 Approximate Site Location



Title	1985 Aerial photo
Project	Property Assessment Southwest of Sixth Line and Burnhumpthorpe Road West Town of Oakville
Reference No.	1402-E016
Date	February 13, 2014
Scale	N/A
Appendix 'A' Page 2 of 3	



 Approximate Site Location



Title	2014 Aerial photo
Project	Property Assessment Southwest of Sixth Line and Burnhamthorpe Road West Town of Oakville
Reference No.	1402-E016
Date	February 13, 2014
Scale	N/A
Appendix 'A' Page 3 of 3	



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100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

BARRIE
TEL: (705) 721-7863
FAX: (705) 721-7864

MISSISSAUGA
TEL: (905) 542-7605
FAX: (905) 542-2769

OSHAWA
TEL: (905) 440-2040
FAX: (905) 725-1315

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FAX: (416) 754-8516

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TEL: (705) 684-4242
FAX: (705) 684-8522

PETERBOROUGH
TEL: (905) 440-2040
FAX: (905) 725-1315

HAMILTON
TEL: (905) 777-7956
FAX: (905) 542-2769

APPENDIX 'B'

ECOLOG ERIS REPORT

REFERENCE NO. 1402-E016

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICE



DATABASE REPORT



Project Property: 1402-E016
*Burnhamthorpe Rd W & Sixth Line
Oakville ON
Custom-Build Your Own Report*

Report Type:

Order #: 20140219010

Requested by: *Soil Engineers Ltd.*

Date: *February 26, 2014*

Ecolog ERIS Ltd.
Environmental Risk Information
Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com
www.erisinfo.com

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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 on environmental records.

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Executive Summary

Property Information:

Project Property: 1402-E016
Burnhamthorpe Rd W & Sixth Line Oakville ON

Order Information:

Order No.: 20140219010
Date Requested: 27/02/2014
Requested by: Soil Engineers Ltd.
Report Type: Custom-Build Your Own Report

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
<u>AAGR</u>	Abandoned Aggregate Inventory	Y	0	0	0
<u>AGR</u>	Aggregate Inventory	Y	0	0	0
<u>AMIS</u>	Abandoned Mine Information System	Y	0	0	0
<u>ANDR</u>	Anderson's Waste Disposal Sites	Y	0	0	0
<u>AUWR</u>	Automobile Wrecking & Supplies	Y	0	0	0
<u>BORE</u>	Borehole	Y	0	0	0
<u>CA</u>	Certificates of Approval	Y	0	1	1
<u>CFOT</u>	Commercial Fuel Oil Tanks	Y	0	0	0
<u>CHEM</u>	Chemical Register	Y	0	0	0
<u>COAL</u>	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
<u>CONV</u>	Compliance and Convictions	Y	0	0	0
<u>CPU</u>	Certificates of Property Use	Y	0	0	0
<u>DRL</u>	Drill Hole Database	Y	0	0	0
<u>EASR</u>	Environmental Activity and Sector Registry	Y	0	0	0
<u>EBR</u>	Environmental Registry	Y	0	0	0
<u>ECA</u>	Environmental Compliance Approval	Y	0	0	0
<u>EEM</u>	Environmental Effects Monitoring	Y	0	0	0
<u>EHS</u>	ERIS Historical Searches	Y	0	2	2
<u>EIS</u>	Environmental Issues Inventory System	Y	0	0	0
<u>EXP</u>	List of TSSA Expired Facilities	Y	0	0	0
<u>FCON</u>	Federal Convictions	Y	0	0	0
<u>FCS</u>	Contaminated Sites on Federal Land	Y	0	0	0
<u>FOFT</u>	Fisheries & Oceans Fuel Tanks	Y	0	0	0
<u>FST</u>	Fuel Storage Tank	Y	0	0	0
<u>FSTH</u>	Fuel Storage Tank - Historic	Y	0	0	0
<u>GEN</u>	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
<u>HINC</u>	TSSA Historic Incidents	Y	0	0	0
<u>IAFT</u>	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
<u>INC</u>	TSSA Incidents	Y	0	0	0
<u>LIMO</u>	Landfill Inventory Management Ontario	Y	0	0	0
<u>MINE</u>	Canadian Mine Locations	Y	0	0	0
<u>MNR</u>	Mineral Occurrences	Y	0	0	0
<u>NATE</u>	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
<u>NCPL</u>	Non-Compliance Reports	Y	0	0	0
<u>NDFT</u>	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
<u>NDSP</u>	National Defence & Canadian Forces Spills	Y	0	0	0
<u>NDWD</u>	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0

<u>Database</u>	<u>Name</u>	<u>Searched</u>	<u>Project Property</u>	<u>Boundary to 0.25km</u>	<u>Total</u>
<u>NEES</u>	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
<u>NPCB</u>	<i>National PCB Inventory</i>	Y	0	0	0
<u>NPRI</u>	<i>National Pollutant Release Inventory</i>	Y	0	0	0
<u>OGW</u>	<i>Oil and Gas Wells</i>	Y	0	0	0
<u>OOGW</u>	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
<u>OPCB</u>	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
<u>ORD</u>	<i>Orders</i>	Y	0	0	0
<u>PAP</u>	<i>Canadian Pulp and Paper</i>	Y	0	0	0
<u>PCFT</u>	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
<u>PES</u>	<i>Pesticide Register</i>	Y	0	0	0
<u>PINC</u>	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
<u>PRT</u>	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
<u>PTTW</u>	<i>Permit to Take Water</i>	Y	0	0	0
<u>REC</u>	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
<u>RSC</u>	<i>Record of Site Condition</i>	Y	0	1	1
<u>RST</u>	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
<u>SCT</u>	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
<u>SPL</u>	<i>Ontario Spills</i>	Y	0	0	0
<u>SRDS</u>	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
<u>TANK</u>	<i>Anderson's Storage Tanks</i>	Y	0	0	0
<u>TCFT</u>	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
<u>VAR</u>	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
<u>WDS</u>	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
<u>WDSH</u>	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
<u>WWIS</u>	<i>Water Well Information System</i>	Y	6	13	19
Total:			6	17	23

Executive Summary: Site Report Summary – Project Property

Map Key	DB	Company/Site Name	Address	Page Number
1	WWIS		lot 16 con 1 ON	11
2	WWIS		lot 16 con 1 ON	11
4	WWIS		lot 16 con 1 ON	11
5	WWIS		ON	12
7	WWIS		lot 16 con 1 ON	12
8	WWIS		lot 16 con 1 ON	13

Executive Summary: Site Report Summary – Surrounding Properties

Map Key	DB	Company/Site Name	Address	Page Number
<u>3</u>	WWIS		lot 15 con 1 ON	13
<u>6</u>	WWIS		lot 16 con 1 ON	14
<u>9</u>	WWIS		lot 16 con 1 ON	14
<u>10</u>	WWIS		lot 16 con 1 ON	15
<u>11</u>	WWIS		lot 17 con 1 ON	15
<u>12</u>	EHS		3380 Sixth Line Oakville ON L6M 4K1	16
<u>13</u>	WWIS		ON	16
<u>14</u>	CA	R.M. OF HALTON	SIXTH LINE BURNHAMTHORPE RD. OAKVILLE TOWN ON	16
<u>15</u>	RSC	Hulme Developments Limited	145 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K5 ON L6M 4K5	17
<u>16</u>	WWIS		lot 17 con 1 ON	17
<u>17</u>	WWIS		ON	18
<u>18</u>	WWIS		lot 16 con 2 ON	18
<u>19</u>	WWIS		lot 17 con 1 ON	19
<u>20</u>	WWIS		lot 15 con 1 ON	19
<u>21</u>	WWIS		ON	20
<u>22</u>	WWIS		lot 15 con 1 ON	20
<u>23</u>	EHS		40 Burnhamthorpe Road Oakville ON	20

Executive Summary: Summary By Data Source

CA - Certificates of Approval

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

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
R.M. OF HALTON	SIXTH LINE BURNHAMTHORPE RD. OAKVILLE TOWN ON	14

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 2013 has found that there are 2 EHS site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	3380 Sixth Line Oakville ON L6M 4K1	12
	40 Burnhamthorpe Road Oakville ON	23

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2014 has found that there are 1 RSC site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Hulme Developments Limited	145 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K5 ON L6M 4K5	15

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-May 2013 has found that there are 19 WWIS site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	lot 16 con 1 ON	1
	lot 16 con 1 ON	2
	lot 15 con 1 ON	3

Site

Address

Map Key

lot 16 con 1
ON

4

ON

5

lot 16 con 1
ON

6

lot 16 con 1
ON

7

lot 16 con 1
ON

8

lot 16 con 1
ON

9

lot 16 con 1
ON

10

lot 17 con 1
ON

11

ON

13

lot 17 con 1
ON

16

ON

17

lot 16 con 2
ON

18

lot 17 con 1
ON

19

lot 15 con 1
ON

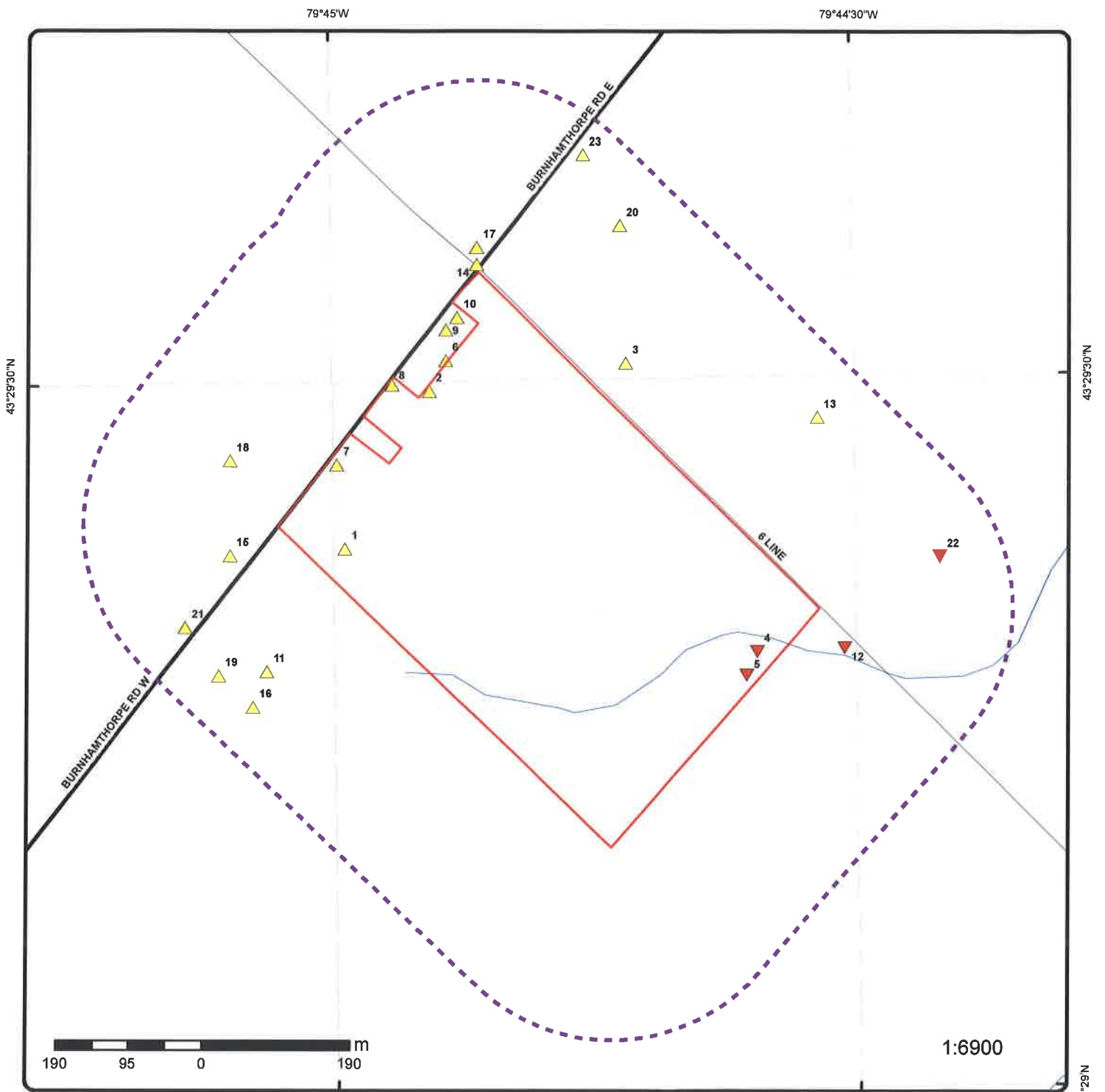
20

ON

21

lot 15 con 1
ON

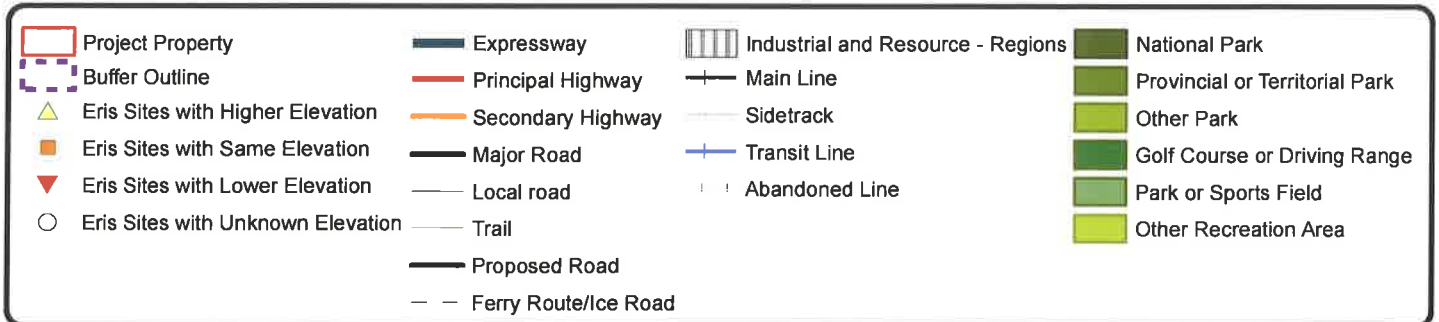
22



Map

Order No: 20140219010

Address: Burnhamthorpe Rd W & Sixth Line, Oakville, ON



79°45'W

43°30'N

43°30'N

43°29'N

43°29'N



Aerial

Order No: 20140219010

Address: Burnhamthorpe Rd W & Sixth Line, Oakville, ON

Source: ESRI World Imagery, Updated December 2012

© Ecolog ERIS Ltd

Detail Report

Map Key	Number of Records	Elevation m	Site	DB												
1	1 of 1	180.3	lot 16 con 1 ON	WWIS												
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Well ID: 7190548 Concession: 01 County: HALTON Easting Nad83: 601085 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815958 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 25-JUL-12 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:</p> </td> </tr> </table>					<p>Well ID: 7190548 Concession: 01 County: HALTON Easting Nad83: 601085 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815958 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 25-JUL-12 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:</p>										
<p>Well ID: 7190548 Concession: 01 County: HALTON Easting Nad83: 601085 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815958 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 25-JUL-12 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:</p>															
2	1 of 1	180.8	lot 16 con 1 ON	WWIS												
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Well ID: 7166442 Concession: 01 County: HALTON Easting Nad83: 601193 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Other Method Elevation (m): Depth to Bedrock: Water Type: Untested</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4816163 Utm Reliability: margin of error : 10 - 30 m Construction Date: 16-MAY-11 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Supply Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: STEEL</p> </td> </tr> </table> <p>--- Details ---</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Thickness: ft</td> <td style="width: 50%;">Original Depth: ft</td> </tr> <tr> <td>Material Colour:</td> <td>Material:</td> </tr> <tr> <td>+</td> <td></td> </tr> <tr> <td>Thickness: ft</td> <td>Original Depth: ft</td> </tr> <tr> <td>Material Colour:</td> <td>Material:</td> </tr> </table>					<p>Well ID: 7166442 Concession: 01 County: HALTON Easting Nad83: 601193 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Other Method Elevation (m): Depth to Bedrock: Water Type: Untested</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4816163 Utm Reliability: margin of error : 10 - 30 m Construction Date: 16-MAY-11 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Supply Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: STEEL</p>	Thickness: ft	Original Depth: ft	Material Colour:	Material:	+		Thickness: ft	Original Depth: ft	Material Colour:	Material:
<p>Well ID: 7166442 Concession: 01 County: HALTON Easting Nad83: 601193 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Other Method Elevation (m): Depth to Bedrock: Water Type: Untested</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4816163 Utm Reliability: margin of error : 10 - 30 m Construction Date: 16-MAY-11 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Supply Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: STEEL</p>															
Thickness: ft	Original Depth: ft															
Material Colour:	Material:															
+																
Thickness: ft	Original Depth: ft															
Material Colour:	Material:															
4	1 of 1	176.9	lot 16 con 1 ON	WWIS												
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Well ID: 2808261 Concession: 01 County: HALTON Easting Nad83: 601617.2</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815825</p> </td> </tr> </table>					<p>Well ID: 2808261 Concession: 01 County: HALTON Easting Nad83: 601617.2</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815825</p>										
<p>Well ID: 2808261 Concession: 01 County: HALTON Easting Nad83: 601617.2</p>	<p>Lot: 016 Concession Name: DS N Municipality: OAKVILLE TOWN Northing Nad83: 4815825</p>															

Map Key	Number of Records	Elevation m	Site	DB
Zone:	17			Utm Reliability: margin of error : 10 - 30 m
Primary Water Use:	Domestic			Construction Date: 29-SEP-93
Sec. Water Use:				Well Depth: 60 ft
Pump Rate:	10 GPM			Static Water Level: 16 ft
Flow Rate:				Clear/Cloudy: CLOUDY
Specific Capacity:				Final Well Status: Water Supply
Construction Method:	Cable Tool			Flowing (y/n): N
Elevation (m):	176.08			Elevation Reliability:
Depth to Bedrock:	17			Overburden/Bedrock: Bedrock
Water Type:	FRESH			Casing Material: OPEN HOLE,STEEL
--- Details ---				
Thickness:	14 ft			Original Depth: 14 ft
Material Colour:	BROWN			Material: CLAY
+				
Thickness:	3 ft			Original Depth: 17 ft
Material Colour:	RED			Material: CLAY
+				
Thickness:	43 ft			Original Depth: 60 ft
Material Colour:	RED			Material: SHALE

5	1 of 1	176.7	ON	WWIS
Well ID:	7114870			Lot:
Concession:				Concession Name:
County:	HALTON			Municipality:
Easting Nad83:	601604			Northing Nad83:
Zone:	17			Utm Reliability:
Primary Water Use:	Test Hole			Construction Date:
Sec. Water Use:	Monitoring			Well Depth:
Pump Rate:				Static Water Level:
Flow Rate:				Clear/Cloudy:
Specific Capacity:				Final Well Status:
Construction Method:	Other Method			Flowing (y/n):
Elevation (m):	176.28			Elevation Reliability:
Depth to Bedrock:				Overburden/Bedrock:
Water Type:				Casing Material:
--- Details ---				
Thickness:	1 ft			Original Depth: 1 ft
Material Colour:	BROWN			Material: TOPSOIL
+				
Thickness:	16 ft			Original Depth: 17 ft
Material Colour:	RED			Material: CLAY, SILT, TILL
+				
Thickness:	5 ft			Original Depth: 22 ft
Material Colour:	RED			Material: SHALE

7	1 of 1	181.7	lot 16 con 1 ON	WWIS
Well ID:	2802127			Lot:
Concession:	01			Concession Name:
County:	HALTON			Municipality:
Easting Nad83:	601073.6			Northing Nad83:
Zone:	17			Utm Reliability:
Primary Water Use:	Domestic			Construction Date:
Sec. Water Use:				Well Depth:
Pump Rate:	4 GPM			Static Water Level:

Map Key	Number of Records	Elevation m	Site	DB
<p>Flow Rate: Clear/Cloudy: CLEAR Specific Capacity: Final Well Status: Water Supply Construction Method: Cable Tool Flowing (y/n): N Elevation (m): 183.28 Elevation Reliability: Depth to Bedrock: 34 Overburden/Bedrock: Bedrock Water Type: FRESH Casing Material: OPEN HOLE,STEEL</p>				
--- Details ---				
<p>Thickness: 4 ft Original Depth: 4 ft Material Colour: TOPSOIL + Thickness: 16 ft Original Depth: 20 ft Material Colour: CLAY + Thickness: 14 ft Original Depth: 34 ft Material Colour: CLAY, GRAVEL + Thickness: 29 ft Original Depth: 63 ft Material Colour: RED SHALE</p>				
8	1 of 1	181.7	lot 16 con 1 ON	WWIS
<p>Well ID: 2802126 Lot: 016 Concession: 01 Concession Name: DS N County: HALTON Municipality: OAKVILLE TOWN Easting Nad83: 601145.6 Northing Nad83: 4816171 Zone: 17 Utm Reliability: unknown UTM Primary Water Use: Domestic Construction Date: 07-NOV-56 Sec. Water Use: Well Depth: 58 ft Pump Rate: 0 GPM Static Water Level: 9 ft Flow Rate: Clear/Cloudy: CLEAR Specific Capacity: Final Well Status: Water Supply Construction Method: Cable Tool Flowing (y/n): N Elevation (m): 185.16 Elevation Reliability: Depth to Bedrock: 35 Overburden/Bedrock: Bedrock Water Type: FRESH Casing Material: OPEN HOLE,STEEL</p>				
--- Details ---				
<p>Thickness: 10 ft Original Depth: 10 ft Material Colour: CLAY + Thickness: 25 ft Original Depth: 35 ft Material Colour: MEDIUM SAND, CLAY + Thickness: 23 ft Original Depth: 58 ft Material Colour: RED SHALE</p>				
3	1 of 1	180.0	lot 15 con 1 ON	WWIS
<p>Well ID: 2802122 Lot: 015 Concession: 01 Concession Name: DS N County: HALTON Municipality: OAKVILLE TOWN Easting Nad83: 601446.6 Northing Nad83: 4816200 Zone: 17 Utm Reliability: margin of error : 100 m - 300 m Primary Water Use: Domestic Construction Date: 12-OCT-67 Sec. Water Use: Well Depth: 26 ft Pump Rate: 2 GPM Static Water Level: 12 ft Flow Rate: Clear/Cloudy: CLEAR</p>				

Map Key	Number of Records	Elevation m	Site	DB
<i>Specific Capacity:</i> <i>Construction Method:</i> Boring <i>Elevation (m):</i> 179.99 <i>Depth to Bedrock:</i> 20 <i>Water Type:</i> FRESH <i>Final Well Status:</i> Water Supply <i>Flowing (y/n):</i> N <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> Bedrock <i>Casing Material:</i> CONCRETE				
--- Details ---				
<i>Thickness:</i> 20 ft <i>Material Colour:</i> BROWN + <i>Thickness:</i> 6 ft <i>Material Colour:</i> RED <i>Original Depth:</i> 20 ft <i>Material:</i> TOPSOIL, MEDIUM SAND <i>Original Depth:</i> 26 ft <i>Material:</i> SHALE				
6	1 of 1	181.1	lot 16 con 1 ON	WWIS
<i>Well ID:</i> 2803321 <i>Concession:</i> 01 <i>County:</i> HALTON <i>Easting Nad83:</i> 601214.6 <i>Zone:</i> 17 <i>Primary Water Use:</i> Domestic <i>Sec. Water Use:</i> <i>Pump Rate:</i> 1 GPM <i>Flow Rate:</i> <i>Specific Capacity:</i> <i>Construction Method:</i> Cable Tool <i>Elevation (m):</i> 184.23 <i>Depth to Bedrock:</i> 41 <i>Water Type:</i> FRESH <i>Lot:</i> 016 <i>Concession Name:</i> DS N <i>Municipality:</i> OAKVILLE TOWN <i>Northing Nad83:</i> 4816203 <i>Utm Reliability:</i> margin of error : 30 m - 100 m <i>Construction Date:</i> 16-FEB-70 <i>Well Depth:</i> 74 ft <i>Static Water Level:</i> 21 ft <i>Clear/Cloudy:</i> CLOUDY <i>Final Well Status:</i> Water Supply <i>Flowing (y/n):</i> N <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> Bedrock <i>Casing Material:</i> OPEN HOLE,STEEL				
--- Details ---				
<i>Thickness:</i> 17 ft <i>Material Colour:</i> BROWN + <i>Thickness:</i> 20 ft <i>Material Colour:</i> GREY + <i>Thickness:</i> 4 ft <i>Material Colour:</i> RED + <i>Thickness:</i> 33 ft <i>Material Colour:</i> RED <i>Original Depth:</i> 17 ft <i>Material:</i> CLAY <i>Original Depth:</i> 37 ft <i>Material:</i> CLAY <i>Original Depth:</i> 41 ft <i>Material:</i> CLAY, GRAVEL <i>Original Depth:</i> 74 ft <i>Material:</i> SHALE				
9	1 of 1	181.4	lot 16 con 1 ON	WWIS
<i>Well ID:</i> 2803265 <i>Concession:</i> 01 <i>County:</i> HALTON <i>Easting Nad83:</i> 601214.6 <i>Zone:</i> 17 <i>Primary Water Use:</i> Domestic <i>Sec. Water Use:</i> <i>Pump Rate:</i> 1 GPM <i>Flow Rate:</i> <i>Lot:</i> 016 <i>Concession Name:</i> DS N <i>Municipality:</i> OAKVILLE TOWN <i>Northing Nad83:</i> 4816243 <i>Utm Reliability:</i> margin of error : 30 m - 100 m <i>Construction Date:</i> 03-NOV-69 <i>Well Depth:</i> 52 ft <i>Static Water Level:</i> 25 ft <i>Clear/Cloudy:</i> CLEAR				

Map Key	Number of Records	Elevation m	Site	DB
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Boring		Flowing (y/n):	N
Elevation (m):	184.49		Elevation Reliability:	
Depth to Bedrock:	38		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	CONCRETE
--- Details ---				
Thickness:	11 ft		Original Depth:	11 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	27 ft		Original Depth:	38 ft
Material Colour:	RED		Material:	CLAY
+				
Thickness:	14 ft		Original Depth:	52 ft
Material Colour:	RED		Material:	SHALE

10	1 of 1	181.6	lot 16 con 1 ON	WWIS
Well ID:	2802130		Lot:	016
Concession:	01		Concession Name:	DS N
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	601228.6		Northing Nad83:	4816259
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic		Construction Date:	08-SEP-61
Sec. Water Use:			Well Depth:	63 ft
Pump Rate:	2 GPM		Static Water Level:	12 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Cable Tool		Flowing (y/n):	N
Elevation (m):	185.1		Elevation Reliability:	
Depth to Bedrock:	39		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	OPEN HOLE,STEEL
--- Details ---				
Thickness:	14 ft		Original Depth:	14 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	19 ft		Original Depth:	33 ft
Material Colour:	GREY		Material:	CLAY
+				
Thickness:	6 ft		Original Depth:	39 ft
Material Colour:	GREY		Material:	CLAY, GRAVEL
+				
Thickness:	24 ft		Original Depth:	63 ft
Material Colour:	RED		Material:	SHALE

11	1 of 1	180.1	lot 17 con 1 ON	WWIS
Well ID:	7105450		Lot:	017
Concession:	01		Concession Name:	
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	600985		Northing Nad83:	4815798
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used		Construction Date:	03-MAY-08

Map Key	Number of Records	Elevation m	Site	DB
Sec. Water Use:				
Pump Rate:				
Flow Rate:				
Specific Capacity:				
Construction Method:	Digging			
Elevation (m):	180.02			
Depth to Bedrock:				
Water Type:				
--- Details ---				
Thickness:	m		Original Depth:	m
Material Colour:			Material:	

12	1 of 1	176.0	3380 Sixth Line Oakville ON L6M 4K1	<u>EHS</u>
Order No.:		20130220042		
Report Date:		27-FEB-13		
Report Type:		RSC Report (Rural)		
Search Radius (km):		.3		
Addit. Info Ordered:				

13	1 of 1	179.2	ON	<u>WWIS</u>
Well ID:	7054130		Lot:	
Concession:			Concession Name:	
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	601694		Northing Nad83:	4816130
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Monitoring		Construction Date:	02-NOV-07
Sec. Water Use:			Well Depth:	35 ft
Pump Rate:			Static Water Level:	
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Other Status
Construction Method:	Diamond		Flowing (y/n):	
Elevation (m):	177.49		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	
--- Details ---				
Thickness:	11 ft		Original Depth:	11 ft
Material Colour:	BROWN		Material:	SILT, TILL, HARD
+				
Thickness:	24 ft		Original Depth:	35 ft
Material Colour:	RED		Material:	SHALE

14	1 of 1	182.7	R.M. OF HALTON SIXTH LINE BURNHAMTHORPE RD. OAKVILLE TOWN ON	<u>CA</u>
Certificate #:		3-0923-87-		
Application Year:		87		
Issue Date:		6/10/1987		
Approval Type:		Municipal sewage		
Status:		Approved		
Application Type:				

Map Key	Number of Records	Elevation m	Site	DB
Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:				

15	1 of 1	182.0	Hulme Developments Limited 145 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K5 ON L6M 4K5	RSC
Date Submitted: 15-Apr-09 Date Acknowledg.: Date Returned: Certification Date: 27-Jan-09 Soil Type: Restoration Type: Registration #: 50512 Stratified (Y/N): Criteria: Consultant: District Office: OAKVILLE Intended Prop Use: Residential Current Property Use: Agriculture/Other Certificate Prop Use #: No CPU Applicable Standards: ESA Phase 1 Legal Description: PT LT 17, CON 2 TRAF, NDS, AS IN 293558, EXCEPT PT 1, EX193 & PT 1, 20R12313; OAKVILLE; T/W 280762 Prop. Identification #: 24929-0186 (LT) Entire legal prop. (y/n): Yes UTM Coordinates: NAD83 17-600576-4816137 (converted from Latitude & Longitude) Latitude & Longitude: 43.49138890N 79.75611110W Accuracy Estimate: 0 to 1 meters Measurement Method: Global Positioning System CPU Issued Sect 1686: No				

16	1 of 1	179.9	lot 17 con 1 ON	WWIS
Well ID: 7105449 Concession: 01 County: HALTON Easting Nad83: 600967 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Digging Elevation (m): 181.35 Depth to Bedrock: Water Type: Lot: 017 Concession Name: Municipality: OAKVILLE TOWN Northing Nad83: 4815752 Utm Reliability: margin of error : 10 - 30 m Construction Date: 03-MAY-08 Well Depth: Static Water Level: .6 m Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: CONCRETE --- Details --- Thickness: m Material Colour: Original Depth: m Material:				

Map Key	Number of Records	Elevation m	Site	DB
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17 1 of 1 183.0 ON WWIS

Well ID:	7114832	Lot:	
Concession:		Concession Name:	
County:	HALTON	Municipality:	OAKVILLE TOWN
Easting Nad83:	601253	Northing Nad83:	4816350
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Test Hole	Construction Date:	22-SEP-08
Sec. Water Use:	Monitoring	Well Depth:	35 ft
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Test Hole
Construction Method:	Auger	Flowing (y/n):	
Elevation (m):	187.66	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	PLASTIC

--- Details ---

Thickness:	1 ft	Original Depth:	1 ft
Material Colour:	BROWN	Material:	TOPSOIL
+			
Thickness:	14 ft	Original Depth:	15 ft
Material Colour:	BROWN	Material:	CLAY, SAND, SILT
+			
Thickness:	18 ft	Original Depth:	33 ft
Material Colour:	GREY	Material:	CLAY, SILT
+			
Thickness:	2 ft	Original Depth:	35 ft
Material Colour:	GREY	Material:	CLAY, SAND, WATER-BEARING

18 1 of 1 180.9 lot 16 con 2 ON WWIS

Well ID:	2807205	Lot:	016
Concession:	02	Concession Name:	DS N
County:	HALTON	Municipality:	OAKVILLE TOWN
Easting Nad83:	600936.2	Northing Nad83:	4816072
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic	Construction Date:	10-JUN-88
Sec. Water Use:		Well Depth:	76 ft
Pump Rate:	8 GPM	Static Water Level:	21 ft
Flow Rate:		Clear/Cloudy:	CLOUDY
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)	Flowing (y/n):	N
Elevation (m):	185.47	Elevation Reliability:	
Depth to Bedrock:	37	Overburden/Bedrock:	Bedrock
Water Type:	FRESH	Casing Material:	OPEN HOLE,STEEL

--- Details ---

Thickness:	20 ft	Original Depth:	20 ft
Material Colour:	BROWN	Material:	CLAY, SOFT
+			
Thickness:	17 ft	Original Depth:	37 ft
Material Colour:	GREY	Material:	CLAY, SAND, MEDIUM SAND

Map Key	Number of Records	Elevation m	Site	DB
+				
Thickness:	39 ft		Original Depth:	76 ft
Material Colour:	RED		Material:	SHALE, HARD
19	1 of 1	181.0	lot 17 con 1 ON	WWIS
Well ID:	7105448		Lot:	017
Concession:	01		Concession Name:	
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	600923		Northing Nad83:	4815793
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used		Construction Date:	03-MAY-08
Sec. Water Use:			Well Depth:	
Pump Rate:			Static Water Level:	.6 m
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Abandoned-Quality
Construction Method:	Digging		Flowing (y/n):	
Elevation (m):	182.06		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	
--- Details ---				
Thickness:	m		Original Depth:	m
Material Colour:			Material:	
20	1 of 1	181.8	lot 15 con 1 ON	WWIS
Well ID:	2802121		Lot:	015
Concession:	01		Concession Name:	DS N
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	601438.6		Northing Nad83:	4816379
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic		Construction Date:	06-JAN-67
Sec. Water Use:			Well Depth:	37 ft
Pump Rate:	1 GPM		Static Water Level:	20 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Boring		Flowing (y/n):	N
Elevation (m):	184.58		Elevation Reliability:	
Depth to Bedrock:	35		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	CONCRETE
--- Details ---				
Thickness:	2 ft		Original Depth:	2 ft
Material Colour:			Material:	TOPSOIL
+				
Thickness:	17 ft		Original Depth:	19 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	10 ft		Original Depth:	29 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	6 ft		Original Depth:	35 ft
Material Colour:	RED		Material:	HARDPAN

Map Key	Number of Records	Elevation m	Site	DB
+				
Thickness:	2 ft		Original Depth:	37 ft
Material Colour:	RED		Material:	SHALE
21	1 of 1	182.0	ON	<u>WWIS</u>
Well ID:	2810342		Lot:	
Concession:			Concession Name:	
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	600880		Northing Nad83:	4815855
Zone:	17		Utm Reliability:	
Primary Water Use:			Construction Date:	08-AUG-05
Sec. Water Use:			Well Depth:	30 ft
Pump Rate:			Static Water Level:	
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Test Hole
Construction Method:	Other Method		Flowing (y/n):	
Elevation (m):	183		Elevation Reliability:	
Depth to Bedrock:	25		Overburden/Bedrock:	Bedrock
Water Type:			Casing Material:	PLASTIC
--- Details ---				
Thickness:	1 ft		Original Depth:	1 ft
Material Colour:	BLACK		Material:	TOPSOIL
+				
Thickness:	24 ft		Original Depth:	25 ft
Material Colour:	BROWN		Material:	TILL
+				
Thickness:	5 ft		Original Depth:	30 ft
Material Colour:	RED		Material:	SHALE
22	1 of 1	177.3	lot 15 con 1 ON	<u>WWIS</u>
Well ID:	7190550		Lot:	015
Concession:	01		Concession Name:	DS N
County:	HALTON		Municipality:	OAKVILLE TOWN
Easting Nad83:	601853		Northing Nad83:	4815949
Zone:	17		Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:			Construction Date:	25-JUL-12
Sec. Water Use:			Well Depth:	
Pump Rate:			Static Water Level:	
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	
Construction Method:			Flowing (y/n):	
Elevation (m):			Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	
23	1 of 1	181.8	40 Burnhamthorpe Road Oakville ON	<u>EHS</u>
Order No.:	20021009004w			
Report Date:	10/9/02			
Report Type:	Online Mapless Report			

Map Key	Number of Records	Elevation m	Site	DB
<i>Search Radius (km):</i> <i>Addit. Info Ordered:</i>		0.25		

Unplottable Summary

DB	Company Name/Site Name	Address	City	Zip
<u>AUWR</u>	MEGA CITY AUTO RECYCLING INC	6TH LINE	HALTON HILLS ON	
<u>CA</u>	NELLIS CONSTRUCTION LIMITED	SIXTH LINE, PT.LOT 29/CONC. 6	HALTON HILLS TOWN ON	
<u>CA</u>		Lot 16 and 17, Concession 1 S DS	Oakville ON	
<u>EHS</u>		Part of Lot 15, Concession 1, North of Dundas Street,	Oakville ON	
<u>GEN</u>	BOT CONSTRUCTION LIMITED	BURNHAMTHORPE ROAD WEST	OAKVILLE ON	
<u>GEN</u>	The Bruce Trail Association	Pt. of East Half Lot 15, Con 2	Town of Halton Hills ON	
<u>SPL</u>	UNION GAS LTD.	BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON.	OAKVILLE TOWN ON	
<u>SPL</u>	Terratec Environmental Ltd.	Lot 15 Con 1 NDS	Oakville ON	

Unplottable Report

Site: MEGA CITY AUTO RECYCLING INC
6TH LINE HALTON HILLS ON

Database:
AUWR

Facility: Automobile Wrecking & Recycling
Description:

Site: NELLIS CONSTRUCTION LIMITED
SIXTH LINE, PT.LOT 29/CONC. 6 HALTON HILLS TOWN ON

Database:
CA

Certificate #: 8-3003-96-
Application Year: 96
Issue Date: 4/18/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WASTE OIL FURNACE MODEL CB-2000
Contaminants: Polychlorinated Biphenyls, Arsenic, Cadmium, Chromium, Lead, Hydrogen Chloride
Emission Control: No Controls

Site: Lot 16 and 17, Concession 1 S DS Oakville ON

Database:
CA

Certificate #: 4288-4NHS2K
Application Year: 00
Issue Date: 8/24/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: Construction of storm sewers in conjunction with Contract No. R-2015A-2000, on Dundas Street (Regional Road 5) from 450m west of Towne Boulevard to 170m west of Sixth Line.
Contaminants:
Emission Control:

Site: Part of Lot 15, Concession 1, North of Dundas Street, Oakville ON

Database:
EHS

Order No.: 20110506032
Report Date: 5/17/2011
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered: Fire Insur. Maps and/or Site Plans

Site: **BOT CONSTRUCTION LIMITED**
BURNHAMTHORPE ROAD WEST OAKVILLE ON

Database:
GEN

SIC Code: 3192
SIC Description: CONSTRTUCTION EQUIP.
Generator #: ON0652239
Approval Yrs: 99,00,01,02,03,04

--- Details ---

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: **The Bruce Trail Association**
Pt. of East Half Lot 15, Con 2 Town of Halton Hills ON

Database:
GEN

SIC Code: 237210
SIC Description: Land Subdivision
Generator #: ON1430457
Approval Yrs: 05

--- Details ---

Waste Code: 211
Waste Description: AROMATIC SOLVENTS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: **UNION GAS LTD.**
BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON. OAKVILLE
TOWN ON

Database:
SPL

Ref No.: 159843
Incident Dt: 9/7/1998
MOE Reported Dt: 9/7/1998
Contaminant Name:
Contaminant Quantity:
Incident Summary: UNION GAS-ONGOING NATURALGAS LEAK TO ATM FROM MAINLINE,BACKHOE
DAMAGE, FD.
Incident Cause: PIPE/HOSE LEAK
Incident Reason: ERROR
Nature of Impact: Air Pollution
Receiving Medium: AIR
Environmental Impact: POSSIBLE

Site: **Terratec Environmental Ltd.**
Lot 15 Con 1 NDS Oakville ON

Database:
SPL

Ref No.: 1073-5S4PFZ
Incident Dt: 10/7/2003
MOE Reported Dt: 10/7/2003
Contaminant Name: Liquid Sewage
Contaminant Quantity: 227.5 L
Incident Summary: Terratec Env: <50 Gal biosolids spill
Incident Cause: Process Upset
Incident Reason: Equipment Failure
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Environmental Impact: Possible

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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: Sept 2002* Provincial **AAGR**
The MAAP Program maintains a database of all 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.*

Aggregate Inventory: Up to Aug 2012 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.

Abandoned Mine Information System: 1800-Feb 2013 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.

Anderson's Waste Disposal Sites: 1860s-Present 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.

Automobile Wrecking & Supplies: 2001-Jun 2010 Private **AUWR**
This database provides an inventory of all 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.

Borehole: 1875-Aug 2011 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.

Certificates of Approval: 1985-Oct 30, 2011* 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.

Commercial Fuel Oil Tanks: 1948-Apr 2013 Provincial **CFOT**
 Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Chemical Register: 1992, 1999-Jun 2010 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.).

Inventory of Coal Gasification Plants and Coal Tar Sites: Apr 1987 and Nov 1988* 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.*

Compliance and Convictions: 1989-2013 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.

Certificates of Property Use: 1994-2013 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.

Drill Hole Database: 1886-Jun 2013 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 MNM. 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".

Environmental Activity and Sector Registry: Oct 31 2011-Dec 2013 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.

Environmental Registry: 1994-2013 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.

Environmental Compliance Approval: Oct 31, 2011-Jan 2014 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 CofA's prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Environmental Effects Monitoring: 1992-2007* 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.

ERIS Historical Searches: 1999-Mar 2013 Private **EHS**
EcoLog 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.

Environmental Issues Inventory System: 1992-2001* 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.

List of TSSA Expired Facilities: Current to May 2013 Provincial **EXP**
This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Federal Convictions: 1988-Jun 2007* 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.

Contaminated Sites on Federal Land:

June 2000-Jan 2014

Federal

FCS

The Federal Contaminated Sites Inventory includes information on all 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.

Fisheries & Oceans Fuel Tanks:

1964-Sept 2003

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of all 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.

Fuel Storage Tank:

2010-May 2013

Provincial

FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Fuel Storage Tank - Historic:

Pre-Jan 2010*

Provincial

ESTH

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Ontario Regulation 347 Waste Generators Summary:

1986-Jul 2013

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.

TSSA Historic Incidents:

2006-June 2009

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Indian & Northern Affairs Fuel Tanks:

1950-Aug 2003*

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all 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.

TSSA Incidents: June 2009-Apr 2013 Provincial **INC**
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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Landfill Inventory Management Ontario: 2012 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.

Canadian Mine Locations: 1998-2009 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.

Mineral Occurrences: 1846-Apr 2013 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 planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

National Analysis of Trends in Emergencies System (NATES): 1974-1994* 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.

Non-Compliance Reports: 1994-2012 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.

National Defence & Canadian Forces Fuel Tanks: Up to May 2001* Federal **NDFT**
The Department of National Defence 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.

National Defence & Canadian Forces Spills: Mar 1999-Aug 2010 Federal **NDSP**
The Department of National Defence 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.

National Defence & Canadian Forces Waste Disposal Sites: 2001-Apr 2007* 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.

National Environmental Emergencies System (NEES): 1974-2003* 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 all 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.

National PCB Inventory: 1988-2008* Federal **NPCB**
Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all 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.

National Pollutant Release Inventory: 1993-2011 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.

Oil and Gas Wells: 1988-2013 Private **OGW**
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.

Ontario Oil and Gas Wells: 1800-Jul 2013 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, well cap date, licence 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.

Inventory of PCB Storage Sites: 1987-Oct 2004 Provincial **QPCB**
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.

Orders: 1994-2013 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.

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, Private **PAP**
2009
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.

Parks Canada Fuel Storage Tanks: 1920-Jan 2005* Federal **PCFT**
Canadian Heritage maintains an inventory of all 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.

Pesticide Register: 1988-Jun 2013 Provincial **PES**
The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

TSSA Pipeline Incidents: June 2009-Mar 2012 Provincial **PINC**
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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Private and Retail Fuel Storage Tanks: 1989-1996* 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).

Permit to Take Water: 1994-2013 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.

Ontario Regulation 347 Waste Receivers Summary: 1986-2012 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.

Record of Site Condition: 1997-Sept 2001, Oct 2004- Jan 2014 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).

Retail Fuel Storage Tanks: 1999-Jun 2010 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.

Scott's Manufacturing Directory: 1992-Mar 2011 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.

Ontario Spills: 1988-Jun 2013 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.

Wastewater Discharger Registration Database: 1990-2011 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).

Anderson's Storage Tanks: 1915-1953* 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.

Transport Canada Fuel Storage Tanks: 1970-Mar 2007 Federal **TCFT**
 With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

TSSA Variances for Abandonment of Underground Storage Tanks:

Current to Jun 2013

Provincial

VAR

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Waste Disposal Sites - MOE CA Inventory:

1970-Jan 2014

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.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Up to Oct 1990*

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.

Water Well Information System:

1955-May 2013

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.

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 were included as reference.



Soil Engineers Ltd.

CONSULTING ENGINEERS

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100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

BARRIE	MISSISSAUGA	OSHAWA	NEWMARKET	GRAVENHURST	PETERBOROUGH	HAMILTON
TEL: (705) 721-7863	TEL: (905) 542-7605	TEL: (905) 440-2040	TEL: (905) 853-0647	TEL: (705) 684-4242	TEL: (905) 440-2040	TEL: (905) 777-7956
FAX: (705) 721-7864	FAX: (905) 542-2769	FAX: (905) 725-1315	FAX: (416) 754-8516	FAX: (705) 684-8522	FAX: (905) 725-1315	FAX: (905) 542-2769

APPENDIX 'C'

SITE PHOTOGRAPHS


REFERENCE NO. 1402-E016



Looking north



A rural residential to the south of the subject site


	Title	Project	Reference No.	Date	Appendix 'C'
 Soil Engineers Ltd.	Site Photographs	Property Assessment Southwest of Sixth Line and Burhamphorpe Road West Town of Oakville	1402-E016	February 13, 2014	Page 1 of 2



Looking east



A residential property to the north of the subject site

	Title	Project	Reference No.	Date	Appendix 'C'
 Soil Engineers Ltd.	Site Photographs	Property Assessment Southwest of Sixth Line and Burhamphorpe Road West Town of Oakville	1402-E016	February 13, 2014	Page 2 of 2



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BARRIE	MISSISSAUGA	OSHAWA	NEWMARKET	GRAVENHURST	PETERBOROUGH	HAMILTON
TEL: (705) 721-7863	TEL: (905) 542-7605	TEL: (905) 440-2040	TEL: (905) 853-0647	TEL: (705) 684-4242	TEL: (905) 440-2040	TEL: (905) 777-7956
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APPENDIX 'D'

INTERVIEW QUESTIONNAIRES

REFERENCE NO. 1402-E016

PHASE I: ENVIRONMENTAL SITE ASSESSMENT
Landowner/Tenant/Occupant Questionnaire

Address of Site: 90 BURNHAMTHORPE ROAD WEST
Person Interviewed: DAVID FAYE / BRIAN WHISTON Relationship to Site: PROJECT MGR
Interviewer: _____ Method of Interview: _____
Project No.: _____ Date of Interview: FEB 13, 2014

General Questions:

1. How long have you lived/worked at this address?

N/A

2. What are the main operations that occur on this site?

AGRICULTURE

3. What activities were previously performed on this site?

AGRICULTURE

To the best of your knowledge, have any of the following occurred, or is presently occurring on the property:

4. Foul odours or stained surfaces (such as soil, concrete, asphalt, surrounding stormwater stains, etc)?

NO

5. Spills, leaks or hazardous materials activities?

NO

6. Above ground or underground storage tanks (such as those used for utility, fuel or chemical)?

NO

7. Specific chemicals located or stored on site in drums, tanks, barrels or sacks?

NO

8. Previous environmental site assessments completed? If yes what were the results? Was there an environmental cleanup?

NO

9. If the property is served by a well or septic system and heating system? Please specify the location and age.

N/A

PHASE I: ENVIRONMENTAL SITE ASSESSMENT
Landowner/Tenant/Occupant Questionnaire

10. Dumping of hazardous substances or petroleum products, unidentified waste materials, automotive parts, household garbage, mixed municipal refuse, demolition debris, fill material from an unknown site?

NO

11. If the neighbouring properties are or have been previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, junkyard or landfill, waste treatment, storage, disposal, processing or recycling facility or photo developing laboratory, etc.?

NO

12. Do you know of others who may have knowledge of the property?

NO

Additional Comments and Explanations

The person completing this report affirms that the above statements and facts are true and correct, based on his/her current knowledge as of the date completed.

Daniel Ryan Brian Whitt
Signature of person completing questionnaire

14.02.13
Date Completed (YY-MM-DD)