



October 9, 2018

Reference No. 11183963-01

Sean O'Connor
O'Connor Land and Cattle Co.
750 Rossland Road East
Ajax, Ontario L1Z 1T1

**Re: Site Screening Questionnaire
Severance – Application for Consent LD 100/2018
1370 King Street, Port Perry, Ontario
Part Lot 13, Concession 4, Township of Scugog
Region of Durham**

1. Introduction

The following report provides supporting documentation for a site screening questionnaire (SSQ) of lands located at 1370 King Street in Port Perry, Ontario (herein referred to as “the Property”). The Property is on the south side of King Street and is comprised of 2.97 hectares. The Property is part of a larger parcel, which is owned by Sean Maurice O'Connor and Kelly Mark O'Connor (“the Owners”) since June 2007.

It is understood that the lot is to be severed from the abutting 89.43 hectares of agricultural land, which is to be retained by the Owners. The abutting land contains a residence and is not included in this SSQ. The SSQ was prepared in support of the application for severance of the Property. It is understood that the severed lands are to be developed to support nine (9) residential lots.

The location relative to nearby roads and water courses is illustrated on the Vicinity Plan, Figure 1. The Property location with respect to adjacent roadways, water courses is presented on a plan compiled from the Ontario Ministry of Natural Resources as shown on the Property Plan, Figure 2. An aerial view of the lot and immediate areas within 250 m is presented on the Plot Plan, Figure 3. This report was prepared to verify the property conditions and enable the sign off of the attached Site Screening Questionnaire as presented in Appendix A.

2. Scope of Work

The following work scope was conducted to accomplish the assessment:

1. Researched into available background information relating to past land use. Sources of information included municipal data, local conservation authority and aerial photography.
2. Requested information on file through the EcoLog Environmental Risk Information Service (ERIS) Standard report and reviewed information on file through the Land Registry Office.
3. Conducted a site reconnaissance inspection of the Property and a walkover of accessible areas.



4. Evaluated and reviewed the information obtained from the Site Screening Questionnaire and presented the findings in this letter with appropriate recommendations.

3. Site Inspection

An inspection was conducted on October 4, 2018 by GHD. Photographs documenting the inspection are provided in Appendix B. The Property consists of vacant land that has been used for agricultural use; however, there were no crops observed by GHD. The Property lands slope gently toward a small tributary of the Nonquon River. Surrounding land is generally residential and agricultural. A commercial marine shop is located downgradient of the Property near the tributary.

The residential lands are serviced with natural gas. There were no indications of historic buildings or deleterious fill material on the Property. No underground storage tanks (USTs) or aboveground storage tanks (ASTs) or indications of USTs or ASTs were observed. No drinking water wells were present on the Property. No environmental concerns were identified with neighbouring property land use.

4. Historical Records Review

4.1 Geology

The Property is situated at the regional geologic boundary of the physiographic regions known as the Peterborough Drumlin Field and Schomberg Clay Plains (Chapman and Putnam, 1984). The Oak Ridges Moraine is located to the south. Stratigraphy of the area is generally shallow topsoil underlain by clay. Based on information reviewed in the surrounding area, soils are comprised of silty clay to very dense clay below the topsoil. The overburden material of this area is relatively thick and the clayey nature of the soil is of low permeability.

4.2 Aerial Photography

Digital photographs from the National Air Photo Library were available and reviewed for the years of 1927, 1965 and 1974. Recent aerial photographs from Google Earth were also reviewed for 2005 and 2017. King Street is developed in all of the images.

The Property is vacant / agricultural land in all of the images. Surrounding land appears rural residential and agricultural. The 2017 image shows the Property and surrounding area in the general configuration observed during the site inspection. There were no environmental assessment concerns identified from the aerial photographs. Property photographs are presented in Appendix B. Copies of the aerial photographs are included in Appendix C.

4.3 Land Registry

A Parcel Register was obtained from the land registry office and is included in Appendix D. No environmental concerns are registered on title.



4.4 ERIS Report

ERIS was contacted regarding background information for the Property. The ERIS report is based on a number of databases including, but not limited to, the National PCB Inventory, National Pollutant Release Inventory, Occurrence Reporting Information System, Retail Fuel Storage Tanks, Private Fuel Storage Tanks, Waste Disposal Sites Inventory and Certificates of Approval.

There were no records listed for the Property itself. The ERIS report identified sixteen (16) Water Well Information System records for the immediate area. The records provide information on the subsurface stratigraphy and do not result in environmental concern. A copy of the ERIS report is included in Appendix D. Based on the ERIS report reviewed, no potentially contaminating activities or areas of potential environmental concern were identified.

5. Interview

GHD discussed the Property with Mr. Sean O'Connor, the current owner. The land is currently undeveloped and is to be severed from the adjacent agricultural land for the purposes of a residential development. The lands have historically been agricultural and have been within the Christie family since the 1800s and was purchased by the Owners in 2007. No historic buildings have been present on the Property. No pesticides have been used. No environmental assessment issues were raised during the interview.

6. Conclusions and Recommendations

Based on our observations, the information collected, and the present land use, it is our professional opinion that the Property identified as 1370 King Street in Port Perry, Ontario has a low level of concern from an environmental assessment perspective and is suitable for the proposed severance. No further work is recommended at this time. The Site Screening Questionnaire and this report represent a "snapshot" in time. GHD cannot guarantee the reliability of information provided by others. However, whenever possible, verification of authenticity was attempted.

The following signatures are provided of GHD staff that prepared and conducted the Site Screening Questionnaire report. Mr. Nyle McIlveen, the qualified person with respect to this project, has provided his opinion and confirms that the findings and conclusions in this document are accurate. Mr. McIlveen completed and signed the attached Site Screening Questionnaire to confirm the findings of the records review, interview and site inspection.



We trust that this letter and attached site screening questionnaire meet with your immediate requirements. Should you have any questions, please contact our office.

Sincerely

GHD

A handwritten signature in blue ink, appearing to read "R. Neck".



Robert Neck, M.Eng., P.Geo. (Limited)

A handwritten signature in black ink, appearing to read "Nyle McIlveen".

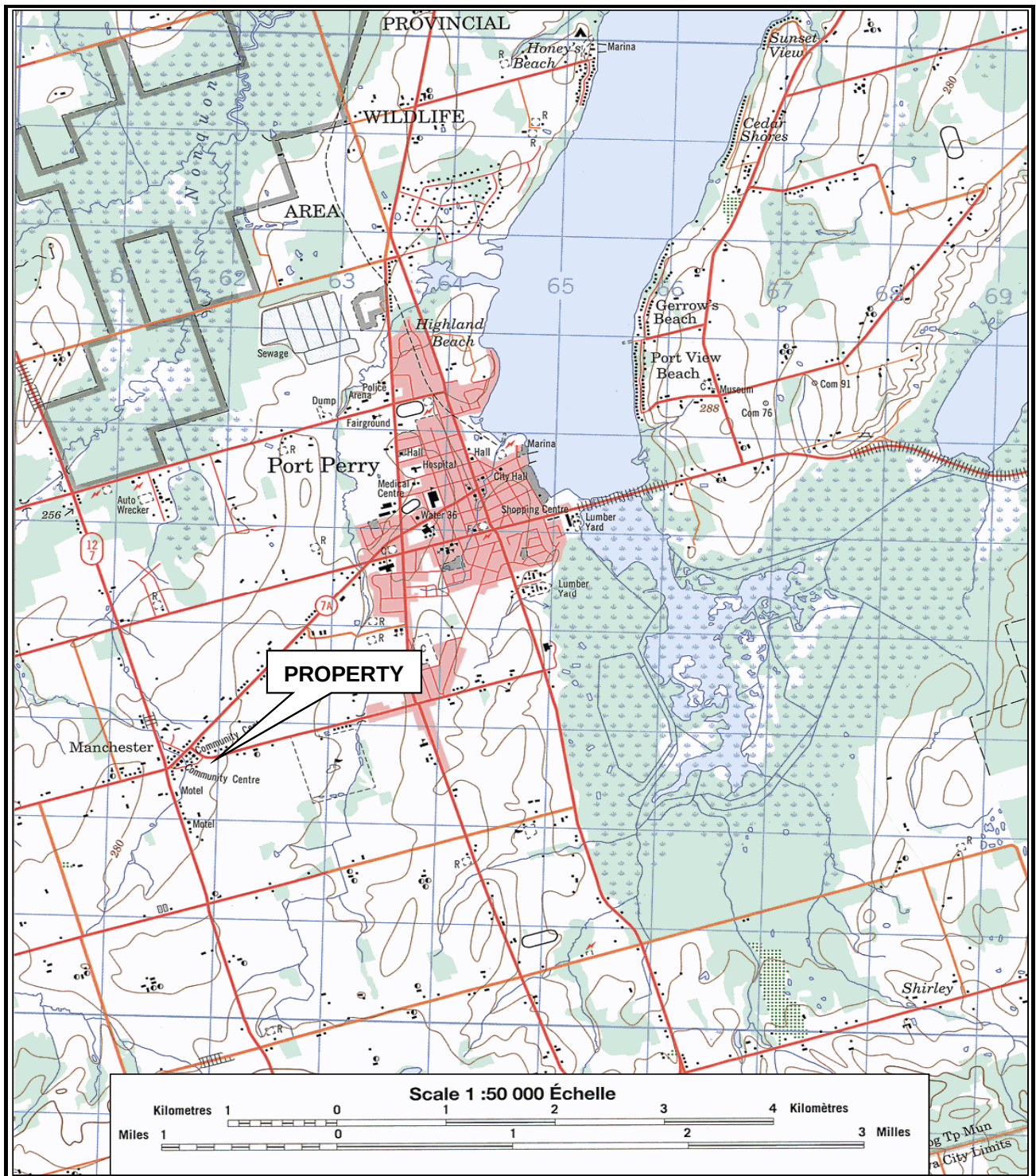


Nyle McIlveen, P. Eng

/EW/bn/nmc/01

Appendix A: Site Screening Questionnaire
Appendix B: Site Photographs
Appendix C: Aerial Photographs
Appendix D: Land Registry and ERIS Report

Enclosures



Base map compiled from Energy, Mines and Resources Canada Map 31 D/02 published 1999. Information current as of 1992.

Scale:
1:50000
Coordinate System
NAD 1983 UTM

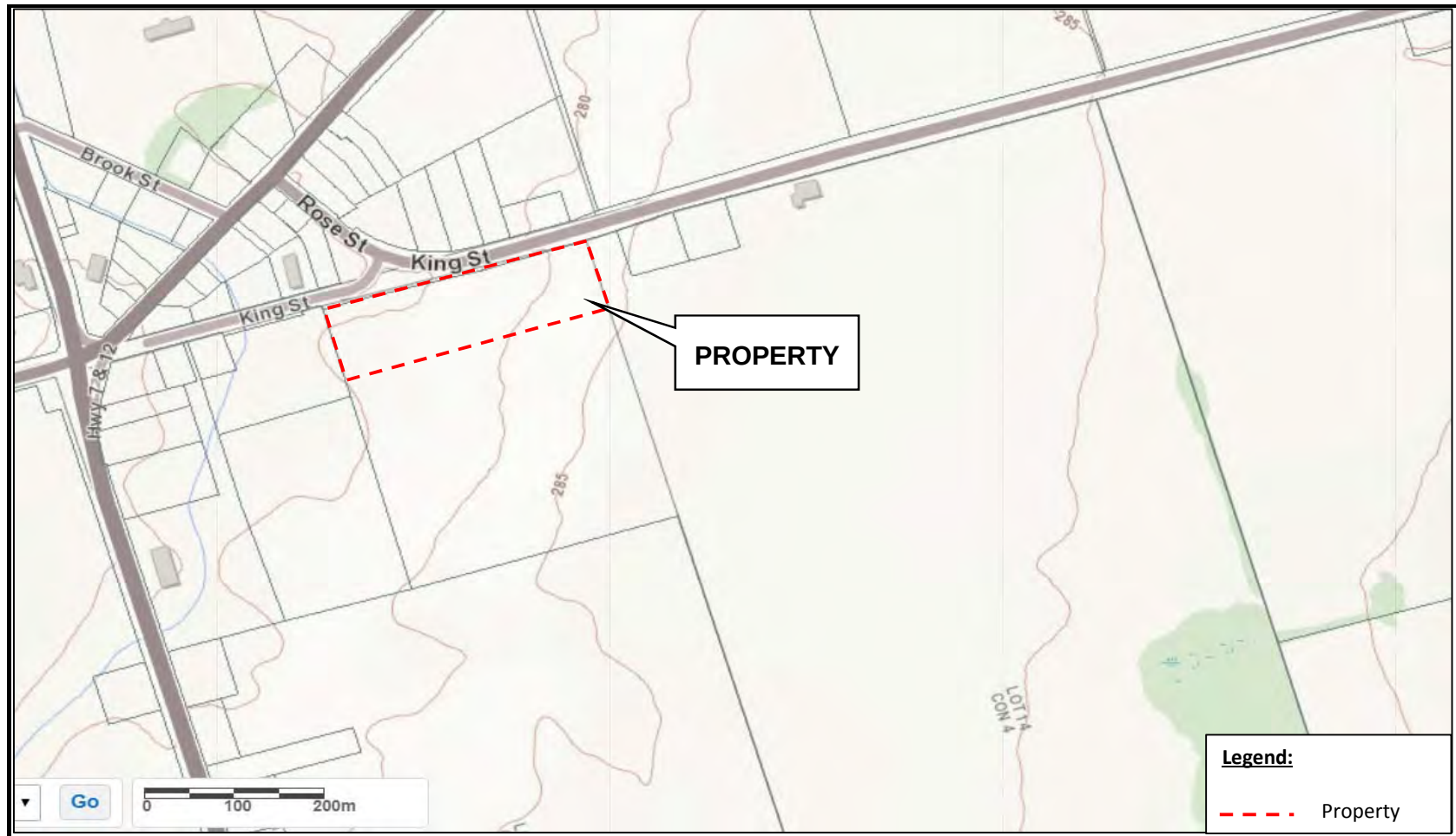


O'Connor Land and Cattle Co.
1370 King Street, Port Perry, ON
Site Screening Questionnaire

11183963-01
October 2018

Vicinity Plan

FIGURE 1



Source: Ministry of Natural Resources and Forestry. © Queen's Printer for Ontario, 2018.

Scale:
Refer to Scale Bar
Coordinate System:
NAD 1983 UTM Zone 17



O'Connor Land and Cattle Co.
1370 King Street, Port Perry, ON
Site Screening Questionnaire

11183963-01
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Property Plan

FIGURE 2



Source: Ministry of Natural Resources and Forestry. © Queen's Printer for Ontario, 2018.

Scale:
Refer to Scale Bar
Coordinate System:
NAD 1983 UTM Zone 17



O'Connor Land and Cattle Co.
1370 King Street, Port Perry, ON
Site Screening Questionnaire

11183963-01
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Plot Plan

FIGURE 3

Appendix A

Site Screening Questionnaire



**SITE SCREENING QUESTIONNAIRE FOR IDENTIFYING
POTENTIALLY CONTAMINATED DEVELOPMENT SITES IN
DURHAM REGION**

This form must be completed for all development applications and/or non-potable groundwater standard requests where a Phase One Environmental Site Assessment prepared in accordance with Ontario Regulation 153/04, as amended, is not being submitted to the approval authority. If you have any questions about the completion of this questionnaire, please contact the Region's Planning and Economic Development Department at 905-668-7711 or Toll Free 1-800-372-1102.

Landowner Name: Sean Maurice O'Connor & Kelly Mark O'Connor

Municipal Address (Street No. and Name): Part of 1370 King Street

Location of Subject Lands: Port Perry, Ontario

Lot(s): 13 Concession: 4 Registered Plan No.: _____

Former Township: Township of Scugog Municipality: Durham

Related Planning Application(s) and File Number(s) _____

- a. What is the current use of the property? Circle appropriate use(s): industrial, commercial, community use, residential, institutional, parkland or agricultural
Note: daycare uses are defined as institutional. See Ontario Regulation 153/04, as amended, for definitions.

Does the application involve a change to a more sensitive land use i.e.: change from industrial, commercial or community use to residential, institutional, parkland or agricultural use? Refer to Sections 11, 12, 13, 14 and 15 of O. Reg. 153/04 as amended.

Yes _____ No X Uncertain _____

b. Is the application on lands or adjacent to lands that are currently or were previously used for the following:

i. Industrial uses?

Yes _____ No X _____ Uncertain _____

If yes, please describe approximate dates and types of industry.

ii. Commercial uses where there is a potential for site contamination, i.e. an automotive repair garage, a bulk liquid dispensing facility including a gasoline outlet, chemical warehousing or for the operation of dry cleaning equipment etc.?

Yes _____ No X _____ Uncertain _____

If yes, please describe approximate dates and types of commercial activities.

c. Has the grading of the subject land been changed by adding earth or materials and/or has filling occurred on the subject lands?

Yes _____ No X _____ Uncertain _____

d. Have the subject lands ever been subjected to chemical spills or hazardous chemical uses i.e. an orchard, where cyanide products may have been used as pesticides?

Yes _____ No X _____ Uncertain _____

e. Have the subject lands or adjacent lands ever been used as an agricultural operation where herbicides or sewage sludge have been applied to the property?

Yes _____ No X _____ Uncertain _____

f. Have the subject lands or adjacent lands ever been used as a weapons firing range?

Yes _____ No X _____ Uncertain _____

g. Are the subject lands on or adjacent to lands identified as a wellhead protection zone or an area of natural significance?

Yes _____ No X _____ Uncertain _____

If yes, please provide details

- h. Is the nearest boundary of the application within 250 metres of the fill area of an operating or former landfill or dump, or a waste transfer station or PCB storage site?

Yes _____ No X _____ Uncertain _____

- i. If there are existing or previously existing buildings, are there any building materials remaining on the site which are potentially hazardous to human health (i.e. asbestos, PCBs etc.)?

Yes _____ No X _____ Uncertain _____

- j. Have any of the buildings on the property been heated by fuel oil?

Yes _____ No X _____ Uncertain _____

- k. Are there or have there ever has been above ground or underground storage tanks on the property?

Yes _____ No X _____ Uncertain _____

- l. Has waste (garbage, solid wastes, liquid wastes) ever been placed on this property? Yes _____ No X _____ Uncertain _____

If yes, when? _____.

Please provide a description of waste materials:

- m. Have hazardous materials ever been stored or generated on the property (e.g. Has **Hazardous Waste Information Network (HWIN)** registration or other permits been required?) Yes _____ No X _____ Uncertain _____

If yes, please summarize details:

- n. Does the subject property support or has it ever supported one or more of the potentially contaminating activities set out in Table 2 of Schedule D of Ontario Regulation 153/04, as amended (see attachment)?

Yes _____ No X _____ Uncertain _____

If yes, provide details

- o. Is there any other reason to believe that the subject property may be potentially contaminated based on historical use of this or an abutting property?

Yes _____ No X _____ Uncertain _____

If yes, please provide details:

If the answer to any of Questions a) through o) was Yes, a Phase One and/or a Phase Two Environmental Site Assessment (ESA) which satisfies the requirements of Ontario Regulation 153/04, as amended, is required. Please submit two hard copies and a digital copy of the ESA documents/reports together with a letter granting the Region third party reliance on these documents and a completed Regional “proof of insurance” form.

- p. Has a Record of Site Condition (RSC) or a Risk Assessment (RA) been accepted by the Ministry of the Environment (MOE) or a Certificate of Property Use been issued by MOE for this site?

Yes _____ No X _____

If yes, please submit two hard copies and a digital copy of the risk assessment, any related certificates of property use and the MOE RSC acknowledgement letter with the application.

- q. Is it the owner/applicant’s intention to submit a Record of Site Condition (RSC) or Risk Assessment (RA) to MOE for approval?

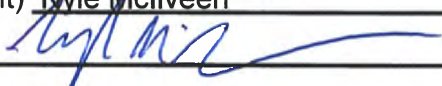
Yes _____ No X _____ Uncertain _____

Declarations:

If the answer to any of Questions a) through Question q) was Yes, this SSQ form must be completed and signed by both a Qualified Person and by the property Owner(s)/applicant(s). The QP sign-off is not required for: land division applications for lease, mortgage, title correction, re-establishment of lot lines (where title inadvertently merged) or a minor lot line adjustment, or for a minor variance, a minor rezoning (e.g. to add a new non-sensitive land use), and/or a part lot control application where site contamination was recently addressed by a related planning application.

To the best of my knowledge, the information provided in this questionnaire is true, and I do not have any reason to believe that the subject site contains contaminants at a level that would interfere with the proposed property use. I am a qualified person with the required liability insurance in accordance with section 3.1.6 of the Region of Durham Site Contamination Protocol.

Qualified Person:

Name (Please Print) Nyle McIlveen
Signature: 
Name of Firm: GHD Limited
Address: 347 Pido Road, Unit 29
Telephone: 705-749-3317 Fax: 705-749-9248
E-Mail Address: nyle.mcilveen@ghd.com
Date: _____

Property Owner, or Authorized Officer:

Name (Please Print): _____
Signature: _____
Name of Company (if Applicable): _____
Title of Authorized Officer: _____
Address: _____
Telephone: _____ Fax: _____
E-mail Address: _____
Date: _____

Appendix C

EXTRACT from ONTARIO REGULATION 153/04, as amended

RECORDS OF SITE CONDITION – PART XV.1 OF THE ACT

TABLE 2

POTENTIALLY CONTAMINATING ACTIVITIES

Item	Column A
	Potentially Contaminating Activity
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage
3.	Airstrips and Hangars Operation
4.	Antifreeze and De-icing Manufacturing and Bulk Storage
5.	Asphalt and Bitumen Manufacturing
6.	Battery Manufacturing, Recycling and Bulk Storage
7.	Boat Manufacturing
8.	Chemical Manufacturing, Processing and Bulk Storage
9.	Coal Gasification
10.	Commercial Auto body Shops
11.	Commercial Trucking and Container Terminals
12.	Concrete, Cement and Lime Manufacturing
13.	Cosmetics Manufacturing, Processing and Bulk Storage
14.	Crude Oil Refining, Processing and Bulk Storage
15.	Discharge of Brine related to oil and gas production
16.	Drum and Barrel and Tank Reconditioning and Recycling
17.	Dye Manufacturing, Processing and Bulk Storage
18.	Electricity Generation, Transformation and Power Stations
19.	Electronic and Computer Equipment Manufacturing
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage
21.	Explosives and Firing Range
22.	Fertilizer Manufacturing, Processing and Bulk Storage
23.	Fire Retardant Manufacturing, Processing and Bulk Storage
24.	Fire Training
25.	Flocculants Manufacturing, Processing and Bulk Storage
26.	Foam and Expanded Foam Manufacturing and Processing
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
28.	Gasoline and Associated Products Storage in Fixed Tanks
29.	Glass Manufacturing
30.	Importation of Fill Material of Unknown Quality

Page 1 of 2

31.	Ink Manufacturing, Processing and Bulk Storage
32.	Iron and Steel Manufacturing and Processing
33.	Metal Treatment, Coating, Plating and Finishing
34.	Metal Fabrication
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage
36.	Oil Production
37.	Operation of Dry Cleaning Equipment (where chemicals are used)
38.	Ordnance Use
39.	Paints Manufacturing, Processing and Bulk Storage
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
42.	Pharmaceutical Manufacturing and Processing
43.	Plastics (including Fibreglass) Manufacturing and Processing
44.	Port Activities, including Operation and Maintenance of Wharves and Docks
45.	Pulp, Paper and Paperboard Manufacturing and Processing
46.	Rail Yards, Tracks and Spurs
47.	Rubber Manufacturing and Processing
48.	Salt Manufacturing, Processing and Bulk Storage
49.	Salvage Yard, including automobile wrecking
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage
51.	Solvent Manufacturing, Processing and Bulk Storage
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.
53.	Tannery
54.	Textile Manufacturing and Processing
55.	Transformer Manufacturing, Processing and Use
56.	Treatment of Sewage equal to or greater than 10,000 litres per day
57.	Vehicles and Associated Parts Manufacturing
58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of bio soils as soil conditioners
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

Appendix B

Site Photographs



Photo 1 – View of Property, facing east along King Street.



Photo 2 – View of Property from King Street.



Site Photographs



Photo 3 –View of neighbouring residential land.



Photo 4 – View south from King Street. Property is bordered by agricultural lands to the south.



Site Photographs

Appendix C

Aerial Photographs



AERIAL PHOTOGRAPHY - 1927

Proposed Severance

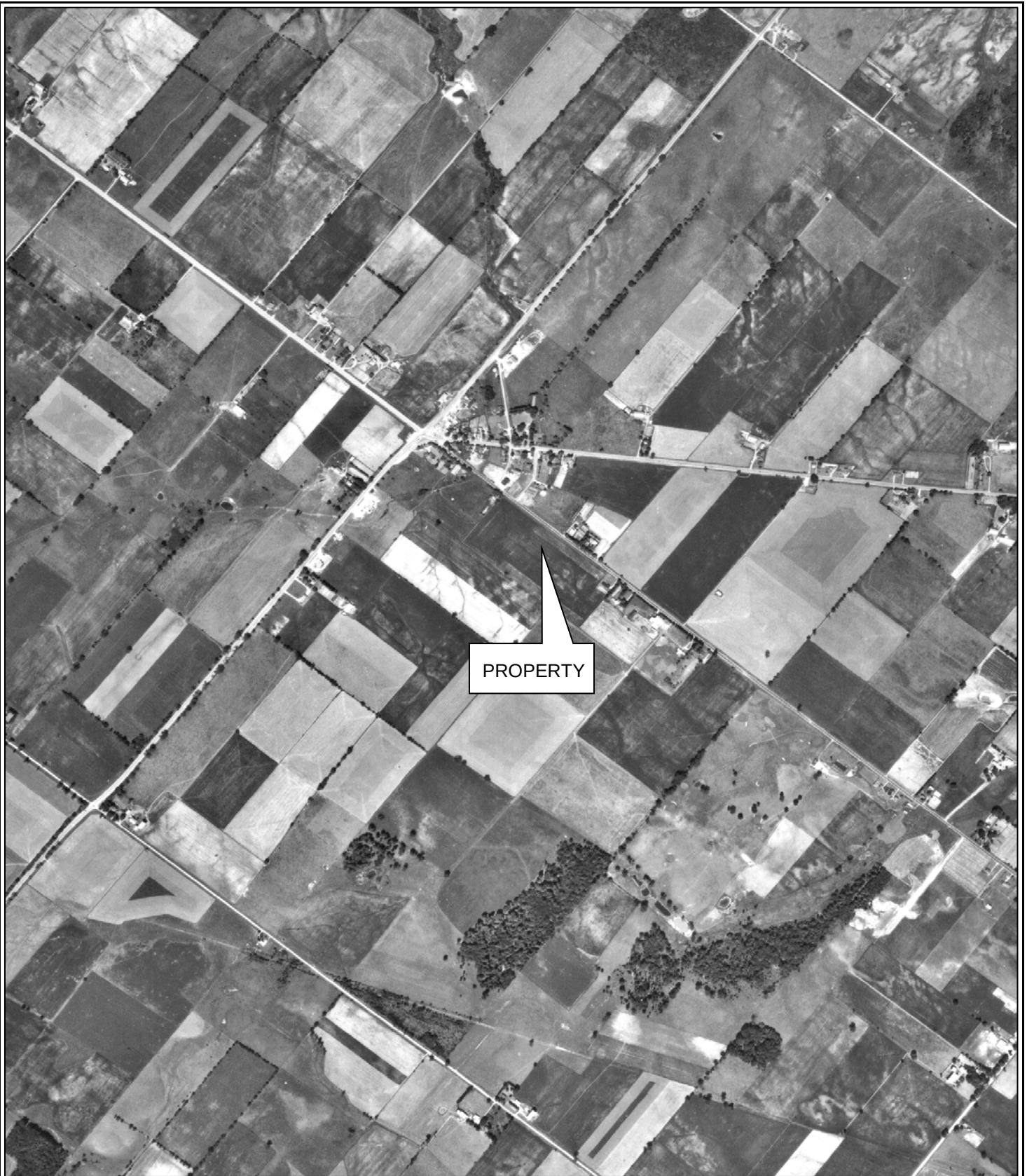
1370 King Street

Port Perry, Ontario

Scale: Not available



11183963-01
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AERIAL PHOTOGRAPHY - 1965

Existing Commercial Property

229 University Avenue

Belleville, Ontario

Scale: Not available





AERIAL PHOTOGRAPHY - 1974

Proposed Severance

1370 King Street

Port Perry, Ontario

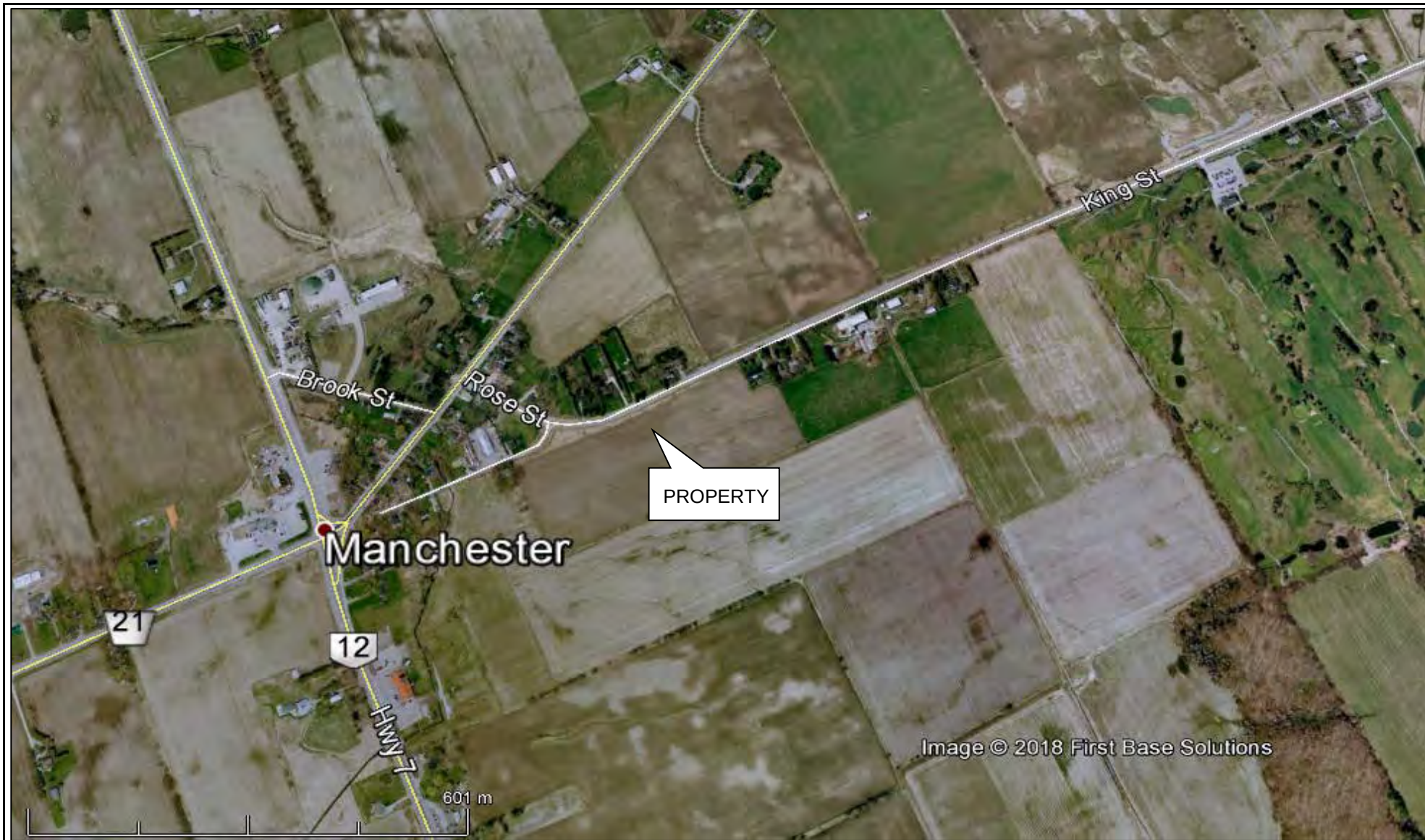
Scale: Not Available



Source: National Airphoto Lab, dated 1974

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October 2018

C-3



AERIAL PHOTOGRAPHY - 2005

Proposed Severance

1370 King Street

Port Perry, Ontario

Scale: Refer to Scale Bar



11183963-01

October 2018

C-4



AERIAL PHOTOGRAPHY - 2017

Proposed Severance

1370 King Street

Port Perry, Ontario

Scale: Refer to Scale Bar



11183963-01

October 2018

Appendix D

Land Registry and ERIS Report

LAND
REGISTRY
OFFICE #40

26807-0192 (LT)

PAGE 1 OF 2
PREPARED FOR GHD
ON 2018/09/28 AT 13:52:45

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

PROPERTY DESCRIPTION: PT LTS 13 & 14 CON 4 REACH AS IN RH18766 EXCEPT LTS 15 & 32 PL H50023,PT 3 HWY PL 869, D50177, PT 1 ON 40R11325 AND PT 1 ON 40R23550; S/T RH17520; SCUGOG, REGIONAL MUNICIPALITY OF DURHAM

PROPERTY REMARKS: PLANNING ACT CONSENT ON DR501670.

ESTATE/QUALIFIER: FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY: DIVISION FROM 26807-0119

PIN CREATION DATE:
2006/06/07

OWNERS' NAMES
O'CONNOR, SEAN MAURICE
O'CONNOR, KELLY MARK

CAPACITY SHARE
TCOM
TCOM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2006/06/07 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1999/02/15 **						
RH17520	1947/08/02	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
DR501670	2006/05/19	TRANSFER		CHRISTIE, DOUGLAS GRANT CHRISTIE, MACLAREN CHRISTIE, PAUL FREDERICK	CHRISTIE, DOUGLAS GRANT CHRISTIE, MACLAREN CHRISTIE, PAUL FREDERICK	C
REMARKS: PLANNING ACT CONSENT						
DR612291	2007/06/12	TRANSMISSION-LAND		*** COMPLETELY DELETED *** CHRISTIE, MACLAREN	CHRISTIE, JOAN MARGOT CHRISTIE, MACLAREN-ESTATE	
DR612515	2007/06/12	TRANS PERSONAL REP	\$1,800,000	CHRISTIE, JOAN MARGOT CHRISTIE, PAUL FREDERICK CHRISTIE, DOUGLAS GRANT	O'CONNOR, SEAN MAURICE O'CONNOR, KELLY MARK	C
REMARKS: PLANNING ACT STATEMENTS						
DR612516	2007/06/12	CHARGE		*** COMPLETELY DELETED ***		

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

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
DR671113	2007/12/04	CHARGE		O'CONNOR, SEAN MAURICE O'CONNOR, TIMOTHY JOHN O'CONNOR, KELLY MARK *** COMPLETELY DELETED *** O'CONNOR, SEAN MAURICE O'CONNOR, KELLY MARK O'CONNOR, TIMOTHY JOHN O'CONNOR BROS. CORP.	FARM CREDIT CANADA FARM CREDIT CANADA	
DR790129	2009/03/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** FARM CREDIT CANADA		
DR1361653	2015/05/14	CHARGE	\$1,500,000	O'CONNOR BROS. CORP. O'CONNOR, KELLY MARK O'CONNOR, SEAN MAURICE	CANADIAN IMPERIAL BANK OF COMMERCE	C
DR1374128	2015/06/25	DISCH OF CHARGE		*** COMPLETELY DELETED *** FARM CREDIT CANADA		

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



DATABASE REPORT

Project Property: 1370 King Street, Port Perry, Ontario
1370 King Street
Port Perry ON L9L 1B5
Project No: 11183963-01
Report Type: Standard Report
Order No: 20180928113
Requested by: GHD Ltd.
Date Completed: October 5, 2018

**Environmental Risk
Information Services**
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 of environmental records.

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Executive Summary

Property Information:

Project Property: 1370 King Street, Port Perry, Ontario
1370 King Street Port Perry ON L9L 1B5

Project No: 11183963-01

Coordinates:

Latitude: 44.078478
Longitude: -78.976471
UTM Northing: 4,882,580.04
UTM Easting: 662,021.80
UTM Zone: UTM Zone 17T

Elevation: 917 FT
279.59 M

Order Information:

Order No: 20180928113
Date Requested: September 28, 2018
Requested by: GHD Ltd.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	16	16
Total:			0	16	16

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 13 con 4 PORT PERRY ON <i>Well ID:</i> 7253986	WNW/33.3	-0.52	14
2	WWIS		PORT PERRY ON <i>Well ID:</i> 7253987	NNE/38.4	0.26	16
3	WWIS		PORT PERRY ON <i>Well ID:</i> 7253988	ESE/48.7	2.22	18
4	WWIS		lot 13 con 4 PORT PERRY ON <i>Well ID:</i> 7253982	SSW/59.0	0.31	20
5	WWIS		PORT PERRY ON <i>Well ID:</i> 7253985	WNW/83.5	-3.14	22
6	WWIS		PORT PERRY ON <i>Well ID:</i> 7253983	SW/105.0	-2.14	24
7	WWIS		lot 13 con 4 PORT PERRY ON <i>Well ID:</i> 7253984	W/130.7	-4.74	26
8	WWIS		lot 13 con 5 ON <i>Well ID:</i> 1906692	NNW/153.9	-1.75	28
9	WWIS		lot 13 con 5 ON <i>Well ID:</i> 1906490	NW/178.5	-2.68	33
10	WWIS		lot 13 con 5 ON <i>Well ID:</i> 4604561	NW/191.6	-3.75	37
11	WWIS		lot 13 con 5 ON <i>Well ID:</i> 1907139	NW/192.3	-3.60	39
12	WWIS		lot 11 con 5 ON	SSW/210.7	-1.44	44

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			Well ID: 4604463			
<u>13</u>	WWIS		lot 13 con 5 ON Well ID: 1906388	NW/212.3	-3.75	<u>47</u>
<u>14</u>	WWIS		lot 14 con 4 PORT PERRY ON Well ID: 7190315	ENE/226.9	6.29	<u>51</u>
<u>15</u>	WWIS		MANCHESTER ON Well ID: 7210370	WNW/242.2	-4.03	<u>56</u>
<u>16</u>	WWIS		lot 13 con 4 ON Well ID: 1908920	WNW/249.0	-4.03	<u>60</u>

Executive Summary: Summary By Data Source

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	PORT PERRY ON <i>Well ID: 7253987</i>	NNE	38.35	<u>2</u>
	PORT PERRY ON <i>Well ID: 7253988</i>	ESE	48.73	<u>3</u>
	lot 13 con 4 PORT PERRY ON <i>Well ID: 7253982</i>	SSW	59.05	<u>4</u>
	lot 14 con 4 PORT PERRY ON <i>Well ID: 7190315</i>	ENE	226.93	<u>14</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 4 PORT PERRY ON <i>Well ID: 7253986</i>	WNW	33.33	<u>1</u>
	PORT PERRY ON <i>Well ID: 7253985</i>	WNW	83.54	<u>5</u>
	PORT PERRY ON <i>Well ID: 7253983</i>	SW	104.99	<u>6</u>
	lot 13 con 4 PORT PERRY ON <i>Well ID: 7253984</i>	W	130.67	<u>7</u>
	lot 13 con 5 ON	NNW	153.87	<u>8</u>

Well ID: 1906692

lot 13 con 5 ON	NW	178.51	<u>9</u>
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Well ID: 1906490

lot 13 con 5 ON	NW	191.57	<u>10</u>
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Well ID: 4604561

lot 13 con 5 ON	NW	192.32	<u>11</u>
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Well ID: 1907139

lot 11 con 5 ON	SSW	210.65	<u>12</u>
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Well ID: 4604463

lot 13 con 5 ON	NW	212.27	<u>13</u>
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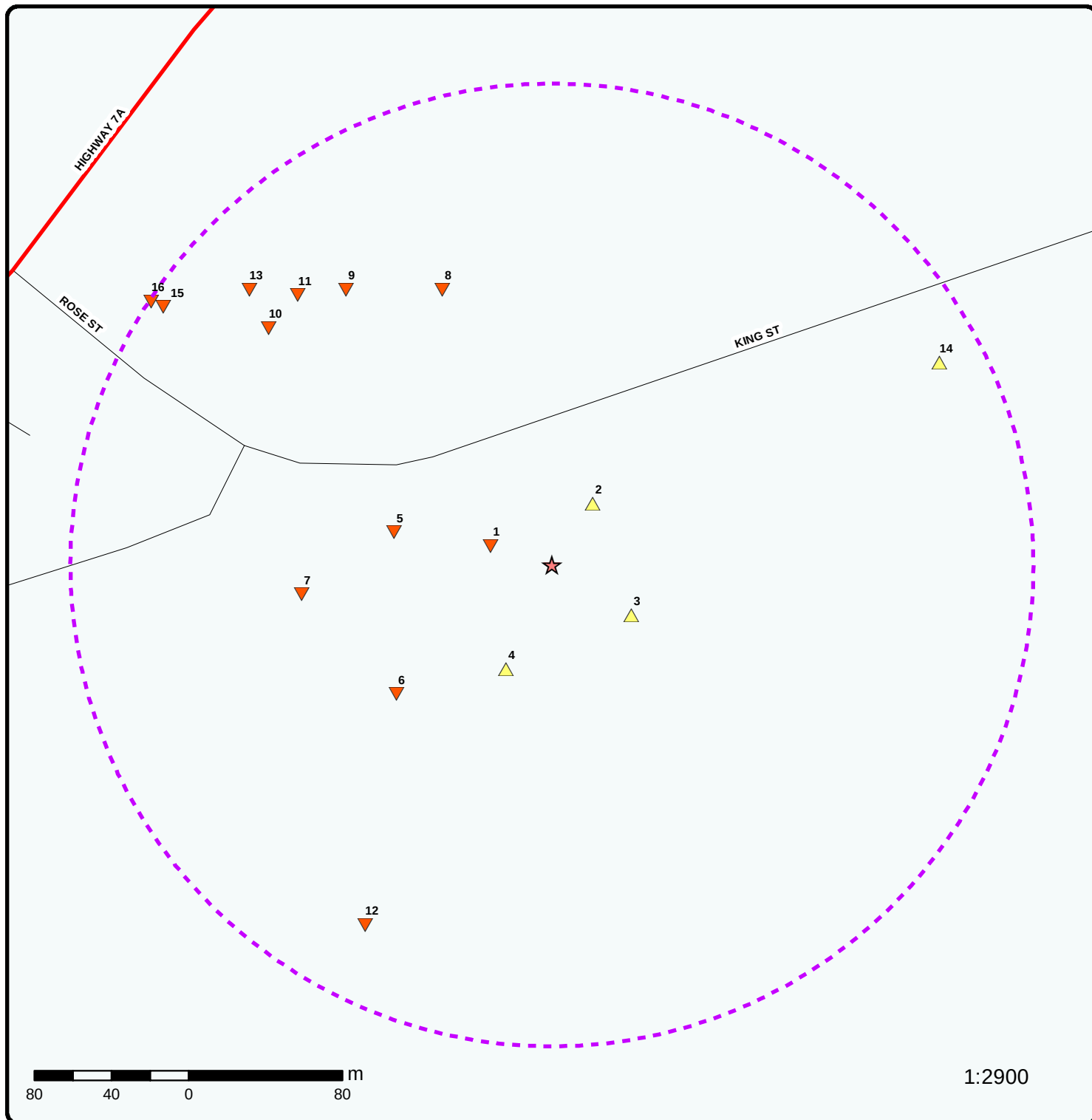
Well ID: 1906388

MANCHESTER ON	WNW	242.22	<u>15</u>
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Well ID: 7210370

lot 13 con 4 ON	WNW	248.96	<u>16</u>
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Well ID: 1908920



Map : 0.25 Kilometer Radius

Order No: 20180928113

Address: 1370 King Street, Port Perry, ON, L9L 1B5



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

78°58'30"W

44°43'0"N

44°43'0"N



Aerial (2016)

Address: 1370 King Street, Port Perry, ON, L9L 1B5

Source: ESRI World Imagery

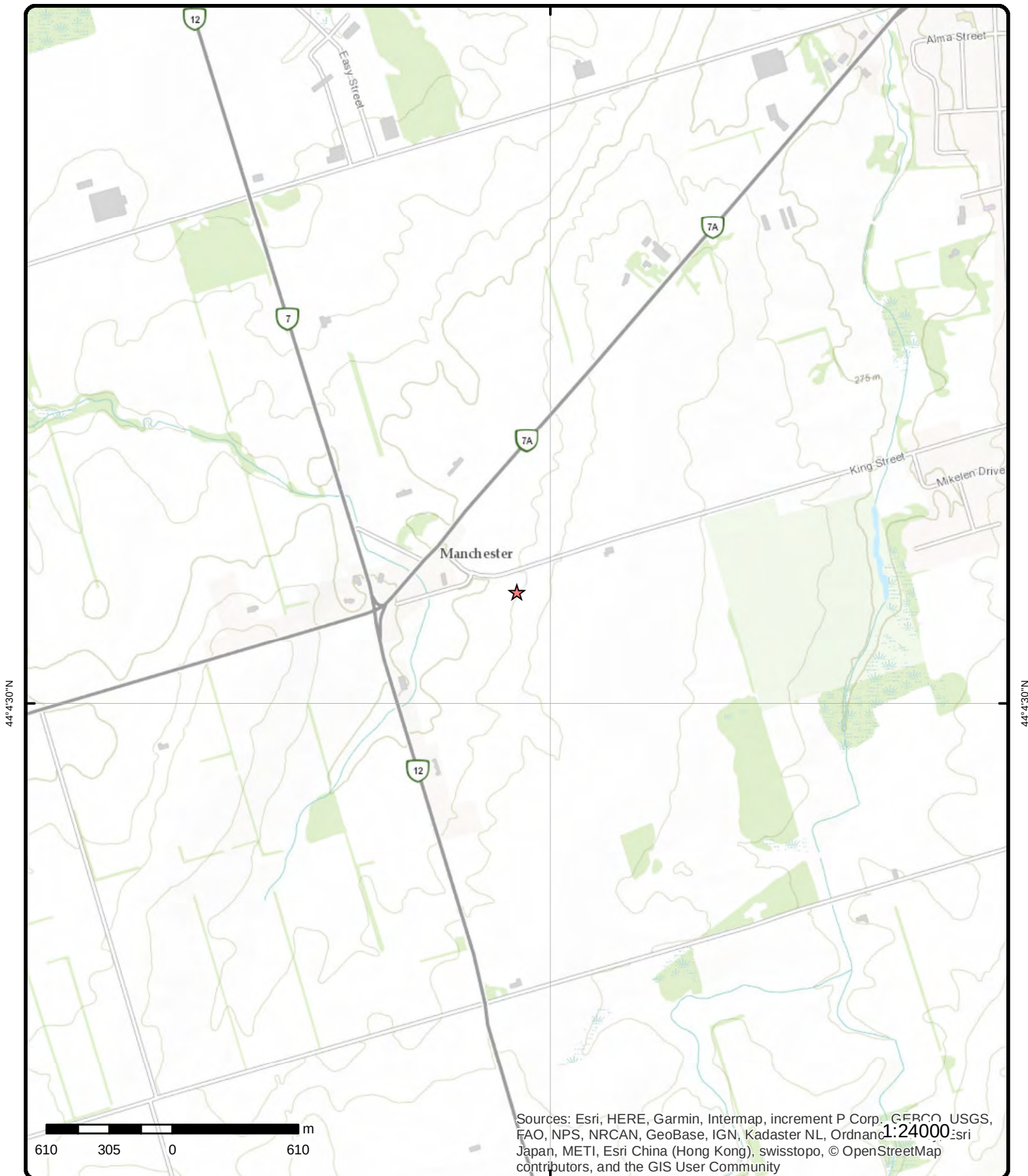
Order No: 20180928113

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



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78°58'30"W



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

Topographic Map

Address: 1370 King Street, Port Perry, ON, L9L 1B5

Source: ESRI World Topographic Map

Order No: 20180928113



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WNW/33.3	279.1 / -0.52	lot 13 con 4 PORT PERRY ON	WWIS
Well ID: 7253986 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z224745 Tag: A183554 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: Date Received: 12/10/2015 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 1370 KING STREET County: DURHAM Municipality: SCUGOG TOWNSHIP (REACH) Site Info: WKQ-008485 A0-A06 Lot: 013 Concession: 04 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1005833249 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 23-NOV-15 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 278.18 Elevrc: Zone: 17 East83: 661990 Org CS: UTM83 North83: 4882590 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1005878886 Layer: 1 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 06 Other Materials: SILT Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		13			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005878894			
Layer:		1			
Plug From:		13			
Plug To:		3			
Plug Depth UOM:		ft			
Plug ID:		1005878895			
Layer:		2			
Plug From:		3			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005878893			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005878885			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878889			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005878890			
Layer:		1			
Slot:		.10			
Screen Top Depth:		4			
Screen End Depth:		13			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.75			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1005878888			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1005878887			
Diameter:		3.25			
Depth From:		0			
Depth To:		13			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
2	1 of 1	NNE/38.4	279.8 / 0.26	PORT PERRY ON	WWIS
Well ID:	7253987			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/10/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z224751			Owner:	
Tag:	A183555			Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1005833252			Elevation:	279.64
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	662043
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882612
Cluster Kind:				UTMRC:	4
Date Completed:	23-NOV-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1005878897			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		11.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005878905			
Layer:		1			
Plug From:		11.5			
Plug To:		3.5			
Plug Depth UOM:		ft			
Plug ID:		1005878906			
Layer:		2			
Plug From:		3.5			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1005878904			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005878896			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878900			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.5			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005878901			
Layer:		1			
Slot:		.10			
Screen Top Depth:		4.5			
Screen End Depth:		11.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.75			
<u>Water Details</u>					
Water ID:		1005878899			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005878898			
Diameter:		3.25			
Depth From:		0			
Depth To:		11.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>3</u>	1 of 1	ESE/48.7	281.8 / 2.22	PORT PERRY ON	WWIS
Well ID:		7253988		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received:	12/10/2015
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z224750		Owner:	
Tag:		A183556		Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1005833255		Elevation:	281.87
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	662063
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882554
Cluster Kind:				UTMRC:	4
Date Completed:		23-NOV-15		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005878908			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		13			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005878916			
Layer:		1			
Plug From:		13			
Plug To:		3			
Plug Depth UOM:		ft			
Plug ID:		1005878917			
Layer:		2			
Plug From:		3			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005878915			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005878907			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878911			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4			
Casing Diameter:		1.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:	1005878912				
Layer:	1				
Slot:	.10				
Screen Top Depth:	4				
Screen End Depth:	13				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	1.5				
<u>Water Details</u>					
Water ID:	1005878910				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1005878909				
Diameter:	3.25				
Depth From:	0				
Depth To:	13				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>4</u>	1 of 1	SSW/59.0	279.9 / 0.31	lot 13 con 4 PORT PERRY ON	WWIS
Well ID:	7253982			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/10/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z224749			Owner:	
Tag:	A183553			Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005833234			Elevation:	279.83
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	661998
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882526

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	23-NOV-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005878808			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		9.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005878816			
Layer:		1			
Plug From:		9.5			
Plug To:		3			
Plug Depth UOM:		ft			
Plug ID:		1005878817			
Layer:		2			
Plug From:		3			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005878815			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005878807			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878811			
Layer:		1			
Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.5			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1005878812			
Layer:		1			
Slot:		.10			
Screen Top Depth:		4.5			
Screen End Depth:		9.5			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.75			
 <u>Water Details</u>					
Water ID:		1005878810			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1005878809			
Diameter:		3.25			
Depth From:		0			
Depth To:		9.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>5</u>	1 of 1	WNW/83.5	276.5 / -3.14	PORT PERRY ON	WWIS
Well ID:	7253985			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/10/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z224746			Owner:	
Tag:	A183557			Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1005833246			Elevation:	275.86
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	661940
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882597
Cluster Kind:				UTMRC:	4
Date Completed:	23-NOV-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005878875				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	13				
Formation End Depth UOM:	ft				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1005878883				
Layer:	1				
Plug From:	13				
Plug To:	3				
Plug Depth UOM:	ft				
Plug ID:	1005878884				
Layer:	2				
Plug From:	3				
Plug To:	0				
Plug Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	1005878882				
Method Construction Code:	D				
Method Construction:	Direct Push				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	1005878874				
Casing No:	0				
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878878			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005878879			
Layer:		1			
Slot:		.10			
Screen Top Depth:		4			
Screen End Depth:		13			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.75			
<u>Water Details</u>					
Water ID:		1005878877			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005878876			
Diameter:		3.25			
Depth From:		0			
Depth To:		13			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>6</u>	1 of 1	SW/105.0	277.5 / -2.14	PORT PERRY ON	WWIS
Well ID:	7253983			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/10/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z224748			Owner:	
Tag:	A183552			Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
<u>Bore Hole Information</u>					
Bore Hole ID: 1005833237			Elevation: 278.09		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 17		
Code OB:			East83: 661941		
Code OB Desc:			Org CS: UTM83		
Open Hole:			North83: 4882513		
Cluster Kind:			UTMRC: 4		
Date Completed: 23-NOV-15			UTMRC Desc: margin of error : 30 m - 100 m		
Remarks:			Location Method: wwr		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005878819					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 28					
Most Common Material: SAND					
Mat2: 06					
Other Materials: SILT					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 13					
Formation End Depth UOM: ft					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1005878828					
Layer: 2					
Plug From: 3					
Plug To: 0					
Plug Depth UOM: ft					
Plug ID: 1005878827					
Layer: 1					
Plug From: 13					
Plug To: 3					
Plug Depth UOM: ft					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID: 1005878826					
Method Construction Code: D					
Method Construction: Direct Push					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 1005878818
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005878822
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005878823
Layer: 1
Slot: .10
Screen Top Depth: 4
Screen End Depth: 13
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.75

Water Details

Water ID: 1005878821
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005878820
Diameter: 3.25
Depth From: 0
Depth To: 13
Hole Depth UOM: ft
Hole Diameter UOM: inch

7	1 of 1	W/130.7	274.8 / -4.74	lot 13 con 4 PORT PERRY ON	WWIS
Well ID:	7253984			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	12/10/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	Z224747			Owner:	
Tag:	A183551			Street Name:	1370 KING STREET
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	WKQ-008485 A0-A06
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005833243	Elevation:	275.31
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	661892
Code OB Desc:		Org CS:	UTM83
Open Hole:		North83:	4882565
Cluster Kind:		UTMRC:	4
Date Completed:	23-NOV-15	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005878864
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005878872
Layer:	1
Plug From:	13
Plug To:	3
Plug Depth UOM:	ft
Plug ID:	1005878873
Layer:	2
Plug From:	3
Plug To:	0
Plug Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005878871			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005878863			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005878867			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4			
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005878868			
Layer:		1			
Slot:		.10			
Screen Top Depth:		4			
Screen End Depth:		13			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.45			
<u>Water Details</u>					
Water ID:		1005878866			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005878865			
Diameter:		3.25			
Depth From:		0			
Depth To:		13			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
8	1 of 1	NNW/153.9	277.8 / -1.75	lot 13 con 5 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1906692			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/21/1983
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4743
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10075366			Elevation:	278.26
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	661964.9
Code OB Desc:	Overburden			Org CS:	
Open Hole:				North83:	4882723
Cluster Kind:				UTMRC:	5
Date Completed:	01-SEP-83			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931162085				
Layer:	7				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	79				
Other Materials:	PACKED				
Formation Top Depth:	106				
Formation End Depth:	120				
Formation End Depth UOM:	ft				
Formation ID:	931162086				
Layer:	8				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	85				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		SOFT			
Mat3:					
Other Materials:					
Formation Top Depth:		120			
Formation End Depth:		126			
Formation End Depth UOM:		ft			
Formation ID:		931162083			
Layer:		5			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		33			
Formation End Depth:		98			
Formation End Depth UOM:		ft			
Formation ID:		931162081			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		03			
Other Materials:		MUCK			
Formation Top Depth:		28			
Formation End Depth:		31			
Formation End Depth UOM:		ft			
Formation ID:		931162087			
Layer:		9			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		126			
Formation End Depth:		128			
Formation End Depth UOM:		ft			
Formation ID:		931162084			
Layer:		6			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		85			
Other Materials:		SOFT			
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		98			
Formation End Depth:		106			
Formation End Depth UOM:		ft			
Formation ID:		931162082			
Layer:		4			
Color:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BLACK			
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		31			
Formation End Depth:		33			
Formation End Depth UOM:		ft			
Formation ID:		931162088			
Layer:		10			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		128			
Formation End Depth:		132			
Formation End Depth UOM:		ft			
Formation ID:		931162080			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		2			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
Formation ID:		931162079			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
Formation ID:		931162089			
Layer:		11			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		132			
Formation End Depth:		135			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961906692				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10623936				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930133159				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	132				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933330310				
Layer:	1				
Slot:	025				
Screen Top Depth:	132				
Screen End Depth:	135				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991906692				
Pump Set At:					
Static Level:	12				
Final Level After Pumping:	100				
Recommended Pump Depth:	110				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	9				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	3				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934402970			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		34			
Test Level UOM:		ft			
Pump Test Detail ID:		934923371			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		12			
Test Level UOM:		ft			
Pump Test Detail ID:		934129824			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
Pump Test Detail ID:		934671599			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		21			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933517218			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		132			
Water Found Depth UOM:		ft			
Water ID:		933517217			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		126			
Water Found Depth UOM:		ft			
9	1 of 1	NW/178.5	276.9 / -2.68	lot 13 con 5 ON	WWIS
Well ID:	1906490			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/4/1983
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Abandoned-Quality			Abandonment Rec:	
Water Type:				Contractor:	3136
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10075236			Elevation:	277.09
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	661914.9
Code OB Desc:	Overburden			Org CS:	
Open Hole:				North83:	4882723
Cluster Kind:				UTMRC:	5
Date Completed:	01-OCT-82			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931161469				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
Formation ID:	931161472				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	30				
Formation End Depth:	210				
Formation End Depth UOM:	ft				
Formation ID:	931161471				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	16				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
Formation ID:	931161470				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		85			
Other Materials:		SOFT			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
Formation ID:		931161473			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		86			
Other Materials:		STICKY			
Mat3:					
Other Materials:					
Formation Top Depth:		210			
Formation End Depth:		327			
Formation End Depth UOM:		ft			
Formation ID:		931161474			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		30			
Most Common Material:		MEDIUM GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		327			
Formation End Depth:		332			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961906490			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10623806			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930133025			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		329			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933330242			
Layer:		1			
Slot:		020			
Screen Top Depth:		326			
Screen End Depth:		329			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991906490			
Pump Set At:					
Static Level:		44			
Final Level After Pumping:		60			
Recommended Pump Depth:		100			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		12			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934402894			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		59			
Test Level UOM:		ft			
Pump Test Detail ID:		934129728			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		53			
Test Level UOM:		ft			
Pump Test Detail ID:		934922857			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
Pump Test Detail ID:		934671109			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933517078			
Layer:		1			
Kind Code:		2			
Kind:		SALTY			
Water Found Depth:		29			
Water Found Depth UOM:		ft			
Water ID:		933517079			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		330			
Water Found Depth UOM:		ft			
10	1 of 1	NW/191.6	275.8 / -3.75	lot 13 con 5 ON	WWIS
Well ID:	4604561			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/10/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2214
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10295892			Elevation:	276.18
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	661874.9
Code OB Desc:	Overburden			Org CS:	
Open Hole:				North83:	4882703
Cluster Kind:				UTMRC:	4
Date Completed:	29-OCT-70			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931957227				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
Formation ID:		931957229			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		19			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
Formation ID:		931957228			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		19			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964604561			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10844462			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930488184			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		994604561			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:		25			
Recommended Pump Depth:		24			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934770982			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		22			
Test Level UOM:		ft			
Pump Test Detail ID:		935039703			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		21			
Test Level UOM:		ft			
Pump Test Detail ID:		934251415			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		24			
Test Level UOM:		ft			
Pump Test Detail ID:		934524230			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		23			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933766865			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		18			
Water Found Depth UOM:		ft			
11	1 of 1	NW/192.3	276.0 / -3.60	lot 13 con 5 ON	WWIS
Well ID:	1907139			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	12/14/1984
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1413
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10075780	Elevation:	276.58
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	0	East83:	661889.9
Code OB Desc:	Overburden	Org CS:	
Open Hole:		North83:	4882720
Cluster Kind:		UTMRC:	5
Date Completed:	14-NOV-84	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	www
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931163985
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Other Materials:	DENSE
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	16
Formation End Depth UOM:	ft
Formation ID:	931163988
Layer:	6
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	73

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		HARD			
Formation Top Depth:		30			
Formation End Depth:		97			
Formation End Depth UOM:		ft			
Formation ID:		931163986			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		16			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
Formation ID:		931163989			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		97			
Formation End Depth:		118			
Formation End Depth UOM:		ft			
Formation ID:		931163984			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
Formation ID:		931163991			
Layer:		9			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		140			
Formation End Depth:		148			
Formation End Depth UOM:		ft			
Formation ID:		931163987			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		06			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		23			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
Formation ID:		931163983			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		85			
Other Materials:		SOFT			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
Formation ID:		931163992			
Layer:		10			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		62			
Other Materials:		CLEAN			
Mat3:					
Other Materials:					
Formation Top Depth:		148			
Formation End Depth:		158			
Formation End Depth UOM:		ft			
Formation ID:		931163990			
Layer:		8			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Other Materials:		DENSE			
Mat3:					
Other Materials:					
Formation Top Depth:		118			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933120104			
Layer:		1			
Plug From:		151			
Plug To:		155			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961907139			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10624350			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930133596			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		155			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933330496			
Layer:		1			
Slot:		014			
Screen Top Depth:		155			
Screen End Depth:		158			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991907139			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		60			
Recommended Pump Depth:		75			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		7			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934122717			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		47			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934672227			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			
Pump Test Detail ID:		934924489			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
Pump Test Detail ID:		934404038			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		58			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933517673			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		158			
Water Found Depth UOM:		ft			

12	1 of 1	SSW/210.7	278.1 / -1.44	lot 11 con 5 ON	WWIS
Well ID: 4604463					
Construction Date:		Data Entry Status:			
Primary Water Use: Domestic		Data Src:		1	
Sec. Water Use: 0		Date Received:		7/24/1970	
Final Well Status: Water Supply		Selected Flag:		Yes	
Water Type:		Abandonment Rec:			
Casing Material:		Contractor:		4761	
Audit No:		Form Version:		1	
Tag:		Owner:			
Construction Method:		Street Name:			
Elevation (m):		County:		DURHAM	
Elevation Reliability:		Municipality:		SCUGOG TOWNSHIP (REACH)	
Depth to Bedrock:		Site Info:			
Well Depth:		Lot:		011	
Overburden/Bedrock:		Concession:		05	
Pump Rate:		Concession Name:		CON	
Static Water Level:		Easting NAD83:			
Flowing (Y/N):		Northing NAD83:			
Flow Rate:		Zone:			
Clear/Cloudy:		UTM Reliability:			

Bore Hole Information					
Bore Hole ID: 10295797		Elevation: 277.59			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 17			
Code OB: 0		East83: 661924.9			
Code OB Desc: Overburden		Org CS:			
Open Hole:		North83: 4882393			
Cluster Kind:		UTMRC: 4			
Date Completed: 11-OCT-69		UTMRC Desc: margin of error : 30 m - 100 m			
Remarks:		Location Method: p4			
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931956851			
Layer:		5			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		180			
Formation End Depth:		184			
Formation End Depth UOM:		ft			
Formation ID:		931956847			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
Formation ID:		931956850			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		175			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
Formation ID:		931956848			
Layer:		2			
Color:		1			
General Color:		WHITE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		50			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931956849			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		175			
Formation End Depth UOM:		ft			
Formation ID:		931956852			
Layer:		6			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		184			
Formation End Depth:		186			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964604463			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10844367			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930488077			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		186			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		994604463			
Pump Set At:					
Static Level:		50			
Final Level After Pumping:		160			
Recommended Pump Depth:		170			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:	4				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	2				
Pumping Duration MIN:	30				
Flowing:	N				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934523737			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		160			
Test Level UOM:		ft			
Pump Test Detail ID:		935039626			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		160			
Test Level UOM:		ft			
Pump Test Detail ID:		934250364			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		125			
Test Level UOM:		ft			
Pump Test Detail ID:		934770906			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		160			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933766767			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		185			
Water Found Depth UOM:		ft			

13	1 of 1	NW/212.3	275.8 / -3.75	lot 13 con 5 ON	WWIS
Well ID:	1906388			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/24/1982
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1413
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:			Concession:	05	
Overburden/Bedrock:			Concession Name:	CON	
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10075147		Elevation:	276.11	
DP2BR:			Elevrc:		
Spatial Status:			Zone:	17	
Code OB:	0		East83:	661864.9	
Code OB Desc:	Overburden		Org CS:		
Open Hole:			North83:	4882723	
Cluster Kind:			UTMRC:	5	
Date Completed:	02-AUG-82		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931161014				
Layer:	6				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	140				
Formation End Depth:	161				
Formation End Depth UOM:	ft				
Formation ID:	931161009				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	66				
Other Materials:	DENSE				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
Formation ID:	931161010				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		15			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
Formation ID:		931161012			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		28			
Formation End Depth:		130			
Formation End Depth UOM:		ft			
Formation ID:		931161015			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		161			
Formation End Depth:		166			
Formation End Depth UOM:		ft			
Formation ID:		931161011			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
Formation ID:		931161013			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		130			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961906388			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10623717			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930132932			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		163			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933330185			
Layer:		1			
Slot:		025			
Screen Top Depth:		163			
Screen End Depth:		166			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991906388			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		130			
Recommended Pump Depth:		140			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		7			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		30			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934922774			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		130			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
Pump Test Detail ID:		934402413			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		96			
Test Level UOM:		ft			
Water Details					
Water ID:		933516970			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		166			
Water Found Depth UOM:		ft			
14	1 of 1	ENE/226.9	285.9 / 6.29	lot 14 con 4 PORT PERRY ON	WWIS
Well ID:		7190315		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	10/25/2012
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	7
Audit No:		Z159437		Owner:	
Tag:		A124593		Street Name:	1320 KING ST
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	014
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:		1004188613		Elevation:	285.97
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	662223
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882685
Cluster Kind:				UTMRC:	4
Date Completed:		27-SEP-12		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1004521852			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		40			
Formation End Depth:		120			
Formation End Depth UOM:		ft			
Formation ID:		1004521848			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
Formation ID:		1004521851			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		25			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
Formation ID:		1004521850			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		10			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
Formation ID:		1004521849			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		85			
Other Materials:		SOFT			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		4			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
Formation ID:		1004521854			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		09			
Other Materials:		MEDIUM SAND			
Formation Top Depth:		180			
Formation End Depth:		195			
Formation End Depth UOM:		ft			
Formation ID:		1004521853			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		120			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004521875			
Layer:		1			
Plug From:		0			
Plug To:		120			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1004521874			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		ROTARY AIR			
 <u>Pipe Information</u>					
Pipe ID:		1004521846			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004521858			
Layer:		2			
Material:					
Open Hole or Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		1004521857			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		188			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004521859			
Layer:		1			
Slot:		10			
Screen Top Depth:		189			
Screen End Depth:		195			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004521847			
Pump Set At:		180			
Static Level:		49			
Final Level After Pumping:		56.1			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004521861			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		54			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521868			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521872			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		60			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521864			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		55.5			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521865			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		55.9			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521867			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521869			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521866			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521863			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		55.3			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521862			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		54.8			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521871			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		56.1			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521860			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		52.3			
Test Level UOM:		ft			
Pump Test Detail ID:		1004521870			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		56.1			
Test Level UOM:		ft			

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1004521856			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		195			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1004521855			
Diameter:		6			
Depth From:		0			
Depth To:		195			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
15	1 of 1	WNW/242.2	275.6 / -4.03	MANCHESTER ON	WWIS
Well ID:	7210370			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/30/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	7
Audit No:	Z168187			Owner:	
Tag:	A088266			Street Name:	HWY 7A
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1004617676			Elevation:	275.3
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	661820
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	4882714
Cluster Kind:				UTMRC:	4
Date Completed:	19-OCT-13			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1004666533			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		85			
Formation End Depth:		87			
Formation End Depth UOM:		ft			
Formation ID:		1004666531			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		35			
Formation End Depth:		82			
Formation End Depth UOM:		ft			
Formation ID:		1004666534			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		87			
Formation End Depth:		96			
Formation End Depth UOM:		ft			
Formation ID:		1004666530			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		15			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
Formation ID:		1004666529			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		85			
Other Materials:		SOFT			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
Formation ID:		1004666532			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		82			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004666552			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004666551			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1004666527			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004666537			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		93			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1004666538			
Layer:		1			
Slot:		14			
Screen Top Depth:		93			
Screen End Depth:		96			
Screen Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004666528			
Pump Set At:		90			
Static Level:		4.5			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		7.56			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004666541			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		22.4			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666545			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		46.6			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666540			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		17.5			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666542			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		26			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666543			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		29			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666544			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		39.8			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666547			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		52.4			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666548			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		56.5			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666549			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		59.3			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666539			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		12			
Test Level UOM:		ft			
Pump Test Detail ID:		1004666546			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		49			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1004666536			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004666535			
Diameter:		6			
Depth From:		0			
Depth To:		96			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

16	1 of 1	WNW/249.0	275.6 / -4.03	lot 13 con 4 ON	WWIS
Well ID:	1908920			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/9/1988
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3136
Casing Material:				Form Version:	1
Audit No:	NA			Owner:	
Tag:				Street Name:	
Construction Method:				County:	DURHAM
Elevation (m):				Municipality:	SCUGOG TOWNSHIP (REACH)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
Formation ID:		931172353			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
Formation ID:		931172352			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		81			
Other Materials:		SANDY			
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
Formation ID:		931172356			
Layer:		6			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		91			
Other Materials:		WATER-BEARING			
Mat3:					
Other Materials:					
Formation Top Depth:		132			
Formation End Depth:		135			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961908920			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10626118			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930135426			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		135			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991908920			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		125			
Recommended Pump Depth:		130			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		20			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934409160			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		120			
Test Level UOM:		ft			
Pump Test Detail ID:		934921781			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		125			
Test Level UOM:		ft			
Pump Test Detail ID:		934668950			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		125			
Test Level UOM:		ft			
Pump Test Detail ID:		934128754			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		116			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933519550			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		132			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: **9** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 13 Con 4	Scugog-Darlington ON	
CA	R.M. OF DURHAM	KING ST.	SCUGOG TWP. ON	
EXP	LARRY TAYLOR LAR-KENT HOLDINGS LTD	HWY 7A W	PORT PERRY ON	
GEN	ZOECON INDUSTRIES LIMITED	PART OF LOT 16, CONCESSION 5 HIGHWAY 7A	SCUGOG TOWNSHIP ON	L0B 1N0
GEN	ZOECON INDUSTRIES LTD	BOX 30, HWY. 7A (L16,C5-SCUGOG TWP,PT 1 REF PL 40R6434	PORT PERRY ON	L0B 1N0
GEN	ZOECON INDUSTRIES LTD 43-022	BOX 30, HWY. 7A (L16,C5-SCUGOG TWP,PT 1 REF PL 40R6434	PORT PERRY ON	L0B 1N0
GEN	ZOECON INDUSTRIES LTD 43-022	HWY. 7A PT. OF LOT 16, CONC. 5	SCUGOG TWP. ON	L0B 1N0
PRT	LAR KENT HOLDINGS LTD	LOT 16 CON 5 HWY 7A	PORT PERRY ON	
PRT	LARRY TAYLOR LAR-KENT HOLDINGS LTD	HWY 7A W	PORT PERRY ON	

Unplottable Report

Site: Lot 13 Con 4 Scugog-Darlington ON

Database:
AAGR

Type: Pit
Region/County: Durham
Township: Scugog-Darlington
Concession:: 4
Lot:: 13
Size (ha)::
Landuse:: junk yard
Comments::

Site: R.M. OF DURHAM
KING ST. SCUGOG TWP. ON

Database:
CA

Certificate #: 7-1851-87-
Application Year: 87
Issue Date: 6/20/1988
Approval Type: Municipal water
Status: Approved in 1988
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: LARRY TAYLOR LAR-KENT HOLDINGS LTD
HWY 7A W PORT PERRY ON

Database:
EXP

Instance No: 9633568
Instance ID: 391535
Instance Type: FS Facility
Description: FS Propane Refill Cntr - Motor Fill
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: ZOECON INDUSTRIES LIMITED
PART OF LOT 16, CONCESSION 5 HIGHWAY 7A SCUGOG TOWNSHIP ON L0B 1N0

Database:
GEN

Generator No.:	ON0193900	PO Box No.:
Status:		Country:
Approval Years:	98	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No. Admin:
SIC Code:	3729	
SIC Description:	OTHER AGRI. CHEM.	

--Details--
Waste Code: 242

Waste Description: HALOGENATED PESTICIDES

Site: ZOECON INDUSTRIES LTD
BOX 30, HWY. 7A (L16,C5-SCUGOG TWP,PT 1 REF PL 40R6434 PORT PERRY ON L0B 1N0

Database:
GEN

Generator No.: ON0193900
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 3729
SIC Description: OTHER AGRI. CHEM.
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Site: ZOECON INDUSTRIES LTD 43-022
BOX 30, HWY. 7A (L16,C5-SCUGOG TWP,PT 1 REF PL 40R6434 PORT PERRY ON L0B 1N0

Database:
GEN

Generator No.: ON0193900
Status:
Approval Years: 94,95
Contam. Facility:
MHSW Facility:
SIC Code: 3729
SIC Description: OTHER AGRI. CHEM.
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Site: ZOECON INDUSTRIES LTD 43-022
HWY. 7A PT. OF LOT 16, CONC. 5 SCUGOG TWP. ON L0B 1N0

Database:
GEN

Generator No.: ON0193900
Status:
Approval Years: 92,93,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 3729
SIC Description: OTHER AGRI. CHEM.
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Site: LAR KENT HOLDINGS LTD
LOT 16 CON 5 HWY 7A PORT PERRY ON

Database:
PRT

Location ID: 12024
Type: retail
Expiry Date: 1995-01-31
Capacity (L): 81700
Licence #: 0052374001

Site: LARRY TAYLOR LAR-KENT HOLDINGS LTD
HWY 7A W PORT PERRY ON

Database:
PRT

Location ID:	12020
Type:	retail
Expiry Date:	1995-06-30
Capacity (L):	2000
Licence #:	0033370001

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2017

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Jul 31, 2018

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial

[CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-Jul 31, 2018

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 2012 - Apr 2018

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Apr 2018

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Jul 31, 2018

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Nov 30, 2017

Dry Cleaning Facilities:

Federal

DRYCLEANERS

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

Government Publication Date: Jan 2004-Dec 2016

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Aug 31, 2018

Environmental Registry:

Provincial

EBR

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

Government Publication Date: 1994-Jul 31, 2018

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011-Aug 31, 2018

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-May 2018

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-December 31, 2017

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report:

Provincial

MISA PENALTY

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2017

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2018

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Mar 31, 2018

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

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.

Government Publication Date: 1988-April 30, 2018

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Jul 31, 2018

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Jul 31, 2018

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2018

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jul 31, 2018

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-Jul 2018

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Aug 31, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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