



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

893 AND 911 LOCKHART ROAD,
INNISFIL, ONTARIO

MMS LOCKHART HOLDINGS INC.

FINAL REPORT

PROJECT NO.: 201-09744-00
DATE: DECEMBER 2020

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December 09, 2020

Mr. Sam Fayaz
MMS LOCKHART HOLDINGS INC.
31 Fleetwell Court
Toronto, Ontario
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Dear Mr. Fayaz,

Subject: Phase One Environmental Site Assessment
893 and 911 Lockhart Road,
Innisfil, Ontario
WSP Project 201-09744-00

WSP is pleased to present our Phase One Environmental Site Assessment (ESA) report for the above-noted property. This Phase One ESA was completed in accordance with CSA Standard Z768-01 *Phase I Environmental Site Assessment* (R2012) using the reporting structure and nomenclature set out within O. Reg. 153/04 *Records of Site Condition*. This Phase One ESA does not include sampling or testing and is based solely on visual observations and a review of available or supplied factual data.

The report provides information collected during a site reconnaissance, site records reviews and interviews. We analyzed the data collected and provide our conclusions and recommendations for your consideration.

Please direct comments and questions to the undersigned.

Yours truly,

A handwritten signature in blue ink, appearing to read 'Jay Dolan', enclosed within a blue oval.

Jay Dolan, P.Eng.
Senior Engineer, Environment

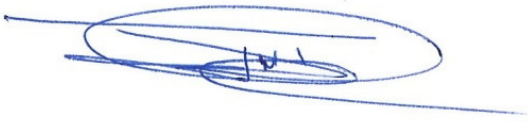
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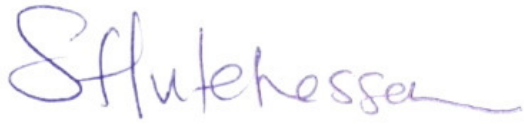
SIGNATURES

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B	SITE RECONNAISSANCE PHOTOS
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ACRONYMS AND ABBREVIATIONS

ACM	asbestos containing material
APEC	area(s) of potential environmental concern as defined in O. Reg. 153/04, “the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through (a) identification of past or present uses on, in or under the phase one property, and (b) identification of potentially contaminating activity”
As	arsenic
AST	above ground storage tank
B-HWS	boron (hot water soluble)
BTEX	benzene, toluene, ethylbenzene, and xylene isomers
Cl-	chlorine
CN-	cyanide
Cr (VI)	hexavalent chromium
CSM	conceptual site model
EC	electrical conductivity
ECA	Environmental Compliance Approval
ESA	environmental site assessment
FIP	fire insurance plan
FOI	freedom of information
ha	hectare(s)
Hg	mercury
km	kilometer(s)
L	litre(s)
LCM	lead containing material
m	metre(s)
mASL	metres above mean sea level
mBGS	metres below ground surface
MNDM	Ministry of Northern Development and Mines
MNRF	Ministry of Natural Resources and Forestry
MECP	Ministry of the Environment, Conservation and Parks
NPRI	National Pollutant Release Inventory
N/S	not specified in Table 2, Schedule D, of O. Reg. 153/04
Na	sodium

O. Reg. 153/04	Ontario Regulation 153/04, as amended
O. Reg. 347	Ontario Regulation 347, as amended
OP	organochlorine pesticides
ODS	ozone depleting substances
ORP	other regulated parameters
PAH	polycyclic aromatic hydrocarbon
PCA	potentially contaminating activity as defined in O. Reg. 153/04, “a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One study area”
PCB	polychlorinated biphenyl
PCOC	potential contaminant(s) of concern
PHC	petroleum hydrocarbon
PIN	property identification number
QA	quality assurance
QC	quality control
QPESA	Qualified Person for ESAs according to MOECC (O. Reg. 153/04)
RA	risk assessment
RSC	Record of Site Condition
SAR	sodium adsorption ratio
Sb	antimony
SCS	Site Condition Standard
Se	selenium
THM	trihalomethane
TSSA	Technical Standards and Safety Authority
UFFI	urea formaldehyde foam insulation
UST	underground storage tank
VOC	volatile organic compound

1 EXECUTIVE SUMMARY

WSP Canada Inc. (WSP) was retained by *MMS Lockhart Holdings Inc.* to conduct a Phase One Environmental Site Assessment (ESA) of two contiguous properties located at 893 Lockhart Road and 911 Lockhart Road in the Town of Innisfil, Ontario. These lands are collectively referred to as the “Phase One Property” throughout this report. This Phase One ESA was completed in accordance with CSA Standard Z768-01 *Phase I Environmental Site Assessment* (R2012) using the nomenclature and reporting structure set out within O. Reg. 153/04 *Records of Site Condition*.

The purpose of this Phase One ESA was to identify the presence or absence of Potentially Contaminating Activities (PCAs) in, on or under the Phase One Property and/or within 250 m of the Site boundaries. Any PCAs having the potential to contribute to Areas of Potential Environmental Concern (APECs) in, on or under the Phase One Property were identified. APECs identified in, on or under the Phase One Property require further investigation to determine if they present a risk to human health or the natural environment.

The Phase One Property is owned by the MMS as of the date of this report. MMS intends to construct single-family homes within the Phase One Property and has submitted a draft Plan of Subdivision to the Town of Innisfil (the Town). Constructing residential-uses within the Phase One Property will not trigger the requirement for a Record of Site Condition (RSC) pursuant to O. Reg. 153/04 (as amended) based on existing and previous uses of the Phase One Property as described within this report. This Phase One ESA was requested by the Town as part of the required development approval technical submissions.

Potentially-contaminating activities were noted within the Phase One Property and within the Phase One Study Area, one of which contributes to an APEC within the Phase One Property as summarized in the table below:

AREA OF POTENTIAL ENVIRONMENTAL CONCERN	LOCATION OF POTENTIAL ENVIRONMENTAL CONCERN ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY	LOCATION OF PCA (ON-SITE OR OFF-SITE)	POTENTIAL CONTAMINANTS OF CONCERN	MEDIA POTENTIALLY IMPACTED (GROUND WATER, SOIL AND/OR SEDIMENT)
APEC-1 Storage of liquid waste outdoors over unprotected earth	(i) Adjacent to detached garage within #893 Lockhart Road, (ii) Adjacent to first of two abandoned sheds within #911 Lockhart Road, and (iii) Adjacent to second of two abandoned sheds within #911 Lockhart Road.	Storage of liquid waste outdoors over unprotected earth. Possible unreported leaks and spills within the storage areas.	On-Site	PHCs, VOCs, Metals	Soil & Groundwater

The APEC is related to outdoor, unlined storage of liquid waste (possibly waste engine fluids) along with paints and solvents.

This APEC should be further investigated in one of two ways:

- 1 Soil and groundwater quality below the detached garage and two sheds should be assessed for the COPCs identified in the table above by an O. Reg. 153/04 Qualified Person during demolition of these structures. Any soil and/or

groundwater impacts exceeding generic quality standards prescribed under O. Reg. 153/04 for residential land uses in a potable groundwater environment should be remediated; or

- 2 A Limited Phase Two Environmental Site Assessment addressing soil and groundwater quality below the detached garage and two abandoned sheds should be undertaken.

WSP recommends that the APEC be investigated during demolition of the garage and shed structures (method #1 above) rather than by way of a limited Phase Two ESA. Soil and groundwater samples may be collected by excavating test pits following removal of the liquid waste containers and structures, and analyzed for the contaminants of potential concern identified in this study. Any soil and/or groundwater impacts discovered during the test-pitting work may be addressed at that time, and a report may be prepared documenting the investigation along with any remedial work undertaken.

2 INTRODUCTION

WSP Canada Inc. (WSP) was retained by *MMS Lockhart Holdings Inc.* (MMS) to conduct a Phase One Environmental Site Assessment (ESA) of two contiguous properties located at 893 Lockhart Road and 911 Lockhart Road in the Town of Innisfil, Ontario. These lands are collectively referred to as the “Phase One Property” throughout this report.

The Phase One Property is owned by the MMS as of the date of this report. MMS intends to construct single-family homes within the Phase One Property and has submitted a draft Plan of Subdivision to the Town of Innisfil (the Town). Constructing residential-uses within the Phase One Property will not trigger the requirement for a Record of Site Condition (RSC) pursuant to O. Reg. 153/04 (as amended) based on existing and previous uses of the Phase One Property as described within this report. This Phase One ESA was requested by the Town as part of the required development approval technical submissions.

The purpose of this Phase One ESA was to identify the presence or absence of Potentially Contaminating Activities (PCA)s in, on or under the Phase One Property and/or within 250 m of the Site boundaries. Any PCAs having the potential to contribute to Areas of Potential Environmental Concern (APECs) in, on or under the Phase One Property were identified. APECs identified in, on or under the Phase One Property require further investigation to determine if they present a risk to human health or the natural environment.

This Phase One ESA was completed in accordance with CSA Standard Z768-01 *Phase I Environmental Site Assessment* (R2012) using the nomenclature and reporting structure set out within O. Reg. 153/04 *Records of Site Condition*.

2.1 PHASE ONE PROPERTY INFORMATION

The Phase One Property is located adjacent to an established retirement community known as “Sandycove Acres” which itself is generally located on the west-side of the intersection of Lockhart Road and the 25th Sideroad. The retirement community consists of modular homes located to the north and south of the Phase One Property along with privately-run services such as banks and grocery stores.

The Phase One Property location is shown on **Figure 1**. The precise boundaries of the Phase One Property are shown in a Draft Plan of Subdivision dated July 07, 2020; a copy of which is provided in **Appendix C**.

The Phase One Property occupies a surface area of approximately 2.21 ha with 893 Lockhart covering approximately 0.29 ha and 911 Lockhart covering approximately 1.92 ha. Existing access to 893 Lockhart Road is via a gravel driveway. A single-family home and detached shed currently exist within 893 Lockhart Road. Access to 911 Lockhart Road is provided via rectangular undeveloped grass-covered land fronting onto Lockhart between #909 Lockhart to the east and #913 Lockhart to the west and extending to the south where the majority of the #911 land is located.

Phase One Property information is provided in Table 2.1.

Table 2.1 Phase One Property Information

	Phase One Property Information
Current Owner	MMS Lockhart Holdings Inc.
Phase One Property Representative	Mr. Sam Fayez 31 Fleetwell Court Toronto, Ontario M2R 1L2
Municipal Address	#893 Lockhart Road and #911 Lockhart Road, Town of Innisfil, Ontario

	Phase One Property Information
Property Identification Numbers	58079-0023(LT) – 893 Lockhart Road 58079-0091(LT) – 911 Lockhart Road
Legal Descriptions	<u>893 Lockhart Road</u> : Part Lot 25, Concession 10, Innisfil, Part 1 51R5621. <u>911 Lockhart Road</u> : Part Lot 25, Concession 10, Innisfil, as in R01402109, Except Parts 1 to 7, 51R29738.

3 SCOPE OF INVESTIGATION

The purpose of this Phase One ESA was to identify the presence or absence of Potentially Contaminating Activities (PCA)s in, on or under the Phase One Property and/or within 250 m of the Site boundaries. Any PCAs having the potential to contribute to Areas of Potential Environmental Concern (APECs) in, on or under the Phase One Property were identified.

The objectives of this assignment were achieved by:

- Identifying PCAs within the Phase One Property and 250-metre Phase One Study Area;
- Identifying PCAs having the potential to APECs in, on or under the Phase One Property;
- Determining PCOCs associated with identified APECs; and
- Determining whether a Phase Two ESA is required for the Phase One Property.

The scope of this Phase One ESA generally included:

- Reviewing the historical occupancy of the Phase One Property and surrounding properties using available archived and relevant municipal and business directories, fire insurance plans (FIPs), historical plans (if applicable) and aerial photographs to identify land uses that may have impacted the Phase One Property's environmental condition;
- Reviewing available geologic maps and well records for the Phase One Property and Phase One Study Area;
- Conducting a visual assessment (reconnaissance) of the Phase One Property and Phase One Study Area to identify the presence of Potentially Contaminating Activities;
- Conducting interviews with knowledgeable persons to obtain current and historical Phase One Property information;
- Contacting provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Searching title to the Phase One Property beginning from the Crown land patent and extending to current ownership;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One Property and surrounding properties within 250 metres of the Phase One Property boundaries;
- Obtaining copyrighted Fire Insurance Plans and/or privately held Property Underwriters' Reports and Property Underwriters' Plans for the Phase One Property from Opta through its Historical Environmental Information Reporting System (HEIRS™) and reviewing such records, where available; and
- Preparation of this Phase One ESA Report documenting WSP's record search results, interview(s), and site reconnaissance observations, and providing WSP's professional review and interpretation of this data.

A Record of Site Condition (RSC) is not required for the Phase One Property at this time as described later in this report. Any APECs identified during this study may therefore be addressed by either (i) conducting a Phase Two ESA, or (ii) by an environmental sampling and analysis program undertaken concurrently with development of the Phase One Property.

4 RECORDS REVIEW

The records review provides Phase One Property background information including the physical setting, history of development, and land use of the Phase One Property and adjacent properties. WSP accessed publicly-available databases for the records review.

Records review results are presented in the regulated format set out in O. Reg. 153/04, Schedule D, Table 1.

4.1 GENERAL RECORDS

General records results set out under O. Reg. 153/04, Schedule D, Table 1, Column 3 are provided in this section.

4.1.1 PHASE ONE STUDY AREA DETERMINATION

The Phase One ESA Study Area selected for this Phase One ESA included properties wholly or partly-located within 250 m of the Phase One Property boundaries. The Phase One Study Area is shown on **Figure 1**. WSP examined historical aerial photography, fire insurance plans, historical photographs, and publicly-accessible street-level image photography from 2019 to determine if a 250-metre Study Area was adequate. WSP found no evidence of PCAs beyond 250-metres from the Phase One Property Boundary that had obvious potential to impact the Phase One Property. A 250-metre Study Area was considered suitable for this investigation.

4.1.2 FIRST DEVELOPED USE DETERMINATION

The Phase One Property appears to have been first-developed for agricultural use based on the following evidence:

- An air photo from 1927 (discussed in detail later in this report) shows the Phase One Property set within a larger agricultural land parcel. The Phase One Property appears to be covered with a commercial crop (possible wheat or corn) and there is tree-cover within the west-portion of the Phase One Property. There is one farm-house located approximately 200 metres north of the Phase One Property, and additional farm houses and agricultural out-buildings are visible beyond the 250-metre Study Area boundary.
- The Chain of Property Title for the Phase One Property (see **Appendix D**) shows private ownership from the original Crown land patent on September 24, 1822 until January 15, 1999 (829781 Ontario Ltd. Purchased #911) and July 31, 2019 (MMS purchased #893). Corporations with potentially-risky business activities do not appear on the titles to either #893 or #911.

The above evidence suggests that the Phase One Property was first used for agricultural purposes, with wheat or corn farming the most likely use based on historical information and on a review of a 1927 air photo.

4.1.3 FIRE INSURANCE PLANS

WSP requested Fire Insurance Maps and Fire Inspection Reports from Opta Information Intelligence (via Ecolog ERIS). No Fire Insurance Plans or Fire Inspection Reports for the Phase One Study Area were found by Ecolog ERIS. A copy of the Ecolog ERIS response to WSP indicating “No Records Found” is provided in **Appendix D**.

4.1.4 CHAIN OF TITLE

An historical property title search was commissioned through Ecolog ERIS for the Property Identification Numbers (PINs) associated with the Phase One Property shown in Table 2.1. Both PINs were searched beginning from the Crown land patent which is the most extensive chain of property title search available.

893 LOCKHART ROAD

The original Crown Land Patent for #893 was issued to Grant Powell on September 24, 1822 for 200 acres. The Phase One Property title was owned by seventeen (17) private individuals between September 24, 1822 and July 31, 2019 when MMS assumed title. An individual (William Ardagh) sold lands including #893 as Mortgagor-in-Possession under Power of Sale to a private individual on May 29, 1879.

No evidence of PCAs was found based on a review of the Chain of Property Title for #893 Lockhart Road. An up-to-date chronological chain of title showing the owners' names and dates of ownership for the Phase One Property is provided in **Appendix D**.

911 LOCKHART ROAD

The original Crown Land Patent for #911 was also issued to Grant Powell on September 24, 1822 for the same 200-acre plot of land within which #893 was located. The Phase One Property title was owned by eleven (11) private individuals between September 24, 1822 and January 15, 1999 when 829781 *Ontario Limited* assumed title. An individual (William Ardagh) sold lands including #911 as Mortgagor-in-Possession under Power of Sale to a private individual on May 29, 1879.

One corporation owned #911 between May 15, 1999 and August 31, 2016, and the current corporate owner MMS assumed title to #911 on February 11, 2020. There is no evidence that the numbered corporation conducted environmentally-risky operations within #911 during its period of ownership.

No evidence of PCAs was found based on a review of the Chain of Property Title for #911 Lockhart Road. An up-to-date chronological chain of title showing the owners' names and dates of ownership for the Phase One Property is provided in **Appendix D**.

4.1.5 PREVIOUS ENVIRONMENTAL REPORTS

The following environmental reports were provided by MMS to WSP for review:

- Central Earth Engineering, 2019a. *Geotechnical Report, Proposed 28 Lot Residential Development, 893&911 Lockhart Road, Innisfil, Ontario*, December 3, 2019
- Central Earth Engineering, 2019b. *Hydrogeological Report, Proposed 28 Lot Residential Development, 893&911 Lockhart Road, Innisfil, Ontario*, December 11, 2019
- Earthworks Archaeological Services Inc., 2020a. *Stage 1 & 2 Archaeological Assessment, 893 and 911 Lockhart Road, Part of Lot 25, Concession 10, Geographic Township of Innisfil, City of Barrie, Simcoe County*, January 25, 2020 (marked DRAFT).
- Earthworks Archaeological Services Inc., 2020b. *Stage 3 Archaeological Assessment, Henry Wice Site (BcGv-53), 893 and 911 Lockhart Road, Part of Lot 25, Concession 10, Geographic Township of Innisfil, City of Barrie, Simcoe County*, June 5, 2020 (marked DRAFT).

WSP reviewed both archaeological reports but did not rely on information contained therein because both reports were marked "draft".

Relevant information contained within the geotechnical and hydrogeological reports produced by Central Earth Engineering (CEE) is reproduced below:

GEOTECHNICAL REPORT (CENTRAL EARTH ENGINEERING, 2019A)

- This report was prepared for MMS as a required technical submission for the proposed residential development within the Phase One Property;
- Four (4) boreholes were placed within the Phase One Property and completed as groundwater-monitoring wells in conjunction with the hydrogeological study conducted by CEE (2019b). All four CEE borehole/well locations are shown on **Figure 1**.
- Boreholes BH1, 2 and 3 were advanced to depths of 9.6 metres below ground surface (mbgs), and BH4 was advanced to a depth of 4.6 mbgs;

- Groundwater levels on November 15, 2019 were reported to be 2.2 mbgs, 3.3 mbgs, 6.4 mbgs and 1.8 mbgs for boreholes BH1, 2, 3 and 4 respectively;

HYDROGEOLOGICAL REPORT (CENTRAL EARTH ENGINEERING, 2019B)

- This report was prepared for MMS as a required technical submission for the proposed residential development within the Phase One Property;
- Four (4) boreholes were placed within the Phase One Property and completed as groundwater-monitoring wells in conjunction with the geotechnical study conducted by CEE (2019b). All four CEE borehole/well locations are shown on **Figure 1**.
- The report concluded that the prevailing groundwater table is located about 2 to 3 metres below grade across the site, and that the expected groundwater flow gradient (flow direction) is from the higher elevation within the southwest portion of the site to the lower elevation at the northeast portion of the site;
- Groundwater sampling and “baseline” chemical analysis of groundwater samples removed from all four wells was performed. The purpose of the analytical work was to support recommendations for construction dewatering. Samples were analyzed for metals and other inorganic parameters (no organic parameters were analyzed). Analytical results were compared with Provincial Water Quality Objectives (PWQO) for Ontario, and the following PWQO exceedances were noted:
 - Zinc – 21 µg/L in groundwater vs. objective of 1 µg/L;
 - Lead – 6.13 µg/L in groundwater vs. objective of 1 µg/L;
 - Iron – 2,200 µg/L in groundwater vs. objective of 300 µg/L;
 - Copper – 12 µg/L in groundwater vs. objective of 5 µg/L; and
 - Lead – 6.13 µg/L in groundwater vs. objective of 1 µg/L;
 - Cobalt – 1.6 µg/L in groundwater vs. objective of 0.9 µg/L;
- Meeting these PWQO concentrations will be required if dewatered water is to be discharged to the surface. These groundwater concentrations are however all below maximum generic limits prescribed under O. Reg. 153/04 for residential properties in a potable groundwater situation (*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, Full-Depth Generic Site Condition Standards in a Potable Ground Water Condition (Table 2)). This means that the groundwater metal concentrations within samples collected from the four CEE wells shown in **Figure 1** do not have the potential to cause an adverse effect.

4.2 ENVIRONMENTAL SOURCE INFORMATION

A records and regulatory agency database review was completed through a database search carried out by EcoLog ERIS for the Phase One Property and Phase One Study Area. The ERIS Report includes a drawing showing the Phase One Property and a summary of records available for the Phase One Property and other properties located within 250 metres of the Phase One Property boundaries. The EcoLog ERIS Report is provided in **Appendix D**.

The following is a list of the databases searched by EcoLog ERIS for the Phase One Property and Phase One Study Area. Databases containing one or more records for the Phase One Property and/or Phase One Study Area are shown in **bold, underlined red text**. Databases that were searched but for which no records for the Phase One Property and/or Phase One Study Area were found by ERIS are shown in black text.

Federal Government Databases

- | | |
|--|--|
| • Environmental Effects Monitoring (EEM) | • National Analysis of Trends in Emergencies System (NATES) |
| • Environmental Issues Information System (EIIS) | • National Environmental Emergencies System (NEES) |
| • Federal Convictions (FCON) | • National Defence & Canadian Forces Fuel Tanks (NDFT) |
| • Contaminated Sites on Federal Land (FCS) | • National Defence & Canadian Forces Spills (NDSP) |
| • Fisheries and Oceans Fuel Storage Tanks (FOFT) | • National Defence & Canadian Forces Waste Disposal Sites (NDWD) |
| • Indian and Northern Affairs Fuel Tanks (IAFT) | • Parks Canada Fuel Storage Tanks (PCFT) |
| • National PCB Inventory (NPCB) | |
| • National Pollutant Release Inventory (NPRI) | |

- Transport Canada Fuel Storage Tanks (TCFT)

Private Databases

- Anderson's Waste Disposal Sites (ANDR)
- Anderson Storage Tanks (TANK)
- Automobile Wrecking & Supplies (AUWR)
- Chemical Register (CHEM)
- [ERIS Historical Searches \(EHS\)](#)
- Canadian Mine Locations (MINE)
- Oil and Gas Wells (OGW)
- Canadian Pulp and Paper (PAP)
- Retail Fuel Storage Tanks (RST)
- Scott's Manufacturing Directory (SCT)
- Commercial Fuel Oil Tanks (CFOT)

Provincial Government Databases

- Abandoned Aggregate Inventory (AAGR)
- Aggregate Inventory (AGR)
- Abandoned Mine Information System (AMIS)
- Boreholes (BORE)
- Certificates of Approval (CA)
- Certificate of Property Use (CPU)
- Coal Gasification Plants (COAL)
- Compliance and Convictions (CONV)
- Drill Hole Database (DRL)
- Environmental Registry (EBR)
- Environmental Activity and Sector Registry (EASR)
- [Environmental Compliance Approval \(ECA\)](#)
- [O. Reg. 347 Waste Generators Summary \(GEN\)](#)
- Mineral Occurrences (MNR)
- Non-Compliance Reports (NCPL)
- Ontario Inventory of PCB Storage Sites (OPCB)
- Ontario Oil and Gas Wells (OOGW)
- Orders (ORD)
- Permit to Take Water (PTTW)
- List of TSSA Expired Facilities (EXP)
- TSSA Variances for Abandonment of USTs (VAR)
- TSSA Historic Incidents (HINC)
- TSSA Incidents (INC)
- [TSSA Pipeline Incidents \(PINC\)](#)
- Pesticide Register (PES)
- Fuel Storage Tank (FST)
- Fuel Storage Tank - Historic (FSTH)
- Private and Retail Fuel Storage Tanks (PRT)
- Ontario Regulation 347 Waste Receivers Summary (REC)
- Record of Site Condition (RSC)
- Wastewater discharge Registration Database (SRDS)
- Waste Disposal Site Sites – MOE CA Inventory (WDS)
- Waste Disposal Sites – MOE 1991 Historical Approved Inventory (WDSH)
- [Ontario Spills \(SPL\)](#)
- [Water Well Information System \(WWIS\)](#)

The EcoLog ERIS search identified a total of thirty-nine (39) records for the Phase One Study Area, two (2) of which are associated with the Phase One Property. PCAs identified from the EcoLog ERIS search within the Phase One Study Area are discussed in Section 7.2.

A summary of the findings of the EcoLog ERIS report is provided in Table 4.1. Detailed descriptions of data, analyses and findings relevant to this Phase One ESA are provided following Table 4.1.

Table 4.1 Summary of Ecolog ERIS Results

Database	Number of Records			
	Phase One Property	Lands Adjacent to Phase One Property	Phase One Study Area	Total
Environmental Compliance Approvals	0	0	3	3
ERIS Historical Searches	0	0	1	1
Ontario Regulation 347 Waste Generators Summary	0	0	2	2
TSSA Pipeline Incidents	0	0	1	1
Ontario Spills	0	0	7	7

Database	Number of Records			
	Phase One Property	Lands Adjacent to Phase One Property	Phase One Study Area	Total
Water Well Information System	2	6	17	25
TOTALS	2	6	31	39

ENVIRONMENTAL COMPLIANCE APPROVALS (ECAS) (OCTOBER 2011 – OCTOBER 31, 2019)

On October 31, 2011, an updated 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.

No ECAs were reported for the Phase One Property. Three (3) ECAs were reported by ERIS within the Phase One Study Area, none of which were located adjacent to the Phase One Property. A summary of all three records is provided in Table 4.2.

Table 4.2 Environmental Compliance Approvals

Site	Distance and Direction from Phase One Property	ECA Number	Approval Date	Approval Type and Status
INTERSERVICE UTILITIES INC.	ENE 202.2 metres	6764-BEZPRJ	2019-08-20	Municipal and private sewage works, 2996 25 TH Sideroad, 988 Lockhart Road
BELMAC ESTATE PROPERTIES INC.	ESE 227.1 metres	0001106036	2018-10-11	Municipal sewage works
BELMAC ESTATE PROPERTIES INC.	ESE 227.1 metres	0001106035	2018-10-11	Municipal sewage works

The ECA records shown in Table 4.2 are municipal water and sewage approvals. These approvals are required wherever municipal sanitary sewage collection and potable water services are installed within municipal lands. Installing water and sewer infrastructure requires conventional construction techniques involving use of heavy excavation equipment and is not expected to have presented a significant risk to the Phase One Property. The most significant construction-related environmental risk was potential spillage of gasoline, diesel and engine fluids from heavy equipment. No spill records were reported by ERIS in these areas.

In WSP's opinion, conventional construction techniques associated with installing municipal water and sewer services are not PCAs as defined under O. Reg. 153/04. Accordingly, none of the records shown in Table 4.2 contribute to APECs associated with the Phase One Property.

ERIS HISTORICAL SEARCH REQUESTS

Ecolog ERIS makes available search requests conducted by other clients within a specified Study Area (250 metres in this case). Requesting ERIS data may indicate that other parties conducted environmental studies of properties within the Study Area, although ERIS data may be requested for other reasons.

No previous ERIS searches were reported by Ecolog for the Phase One Property. One (1) ERIS search was requested by another party on September 16, 2013 for land identified as “Lockhart Rd 7 25 Sideroad, Innisfil, Ontario” located 176.2 metres southeast of the Phase One Property. This approximate location appears to correspond with vacant land (see *Figure 1*).

WSP draws no adverse inferences from another party’s historical request for Ecolog ERIS records of this property located southeast of the Phase One Property.

ONTARIO REGULATION 347 WASTE GENERATORS SUMMARY (1986 –JULY 31, 2019)

Ontario Regulation 347 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.

No O. Reg 347 Waste Generator records were reported for the Phase One Property. Two (2) individual Waste Generator records were reported by ERIS within the Phase One Study Area (none adjacent to the Phase One Property). A summary of Waste Generator records is provided in Table 4.3.

Table 4.3 Summary of O. Reg. 347 Waste Generator Records

Generator Name and Address	Generator Number	Reported Distance and Direction from Phase One Property	Waste Class(es)	Waste Description(s)	Year(s)
439912 Ontario Ltd., 2988 25 th Sideroad, Innisfil	ON9316406	ENE 199.7 metres	251	Oil Skimmings and Sludges	2015
439912 Ontario Ltd., 2988 25 th Sideroad, Innisfil	ON9316406	ENE 199.7 metres	251	Oil Skimmings and Sludges	2016

The generator address shown in Table 4.3 is a residential dwelling with a small detached garage and is shown as PCA “B” on *Figure 1*. It is likely that a small-scale business operation involving production of waste oils operated from this garage. The small scale of the business combined with the down-gradient location relative to the Phase One Property suggests that any spills or leaks of these wastes could not have impacted the Phase One Property. For these reasons, this PCA is not an APEC within the Phase One Property.

PIPELINE INCIDENTS (UP TO FEBRUARY 28, 2017)

This is a database of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified by ERIS for accuracy or completeness.

No Pipeline Incidents were reported for the Phase One Property. One (1) Pipeline Incident was reported by ERIS within the Phase One Study Area (not located adjacent to the Phase One Property). A summary of the pipeline incident record is provided in Table 4.4.

Table 4.4 Pipeline Incident

Site	Distance and Direction from Phase One Property	Incident Number and Date	Fuel Category	Description
42 HAWTHORNE DRIVE, INNISFIL	SSW 171.8 metres	1280666, 2013/11/13	Natural Gas	½" pipeline strike.

This incident describes a release of natural gas on 2013/11/13 from a pipeline strike in front of 42 Hawthorne Drive approximately 172 metres south-southwest of the Phase One Property. No further details are provided in the record. This incidental release of gaseous fuel to the atmosphere did not have the potential to impair soil and/or groundwater quality within the Phase One Property.

ONTARIO SPILLS (1988 – JUNE 2019)

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

No spills were reported within the Phase One Property. Seven (7) spills were reported within the Phase One Study Area (not adjacent to the Phase One Property) as shown in Table 4.5.

Table 4.5 Summary of Ontario Spills

Spill Location	Ref No.	Date	Contaminant Name	Incident Reason	Incident Summary
22 Flora Court	6080-5QZK3W	9/2/2003	Sewage, raw unchlorinated	Not provided.	30 L sewage spill, Sandycove Acres
908 Lockhart Road	148634	10/30/1997	Sewage	Container overflow.	100L of sewage spilled to cement pad, in Sandycove Acres, contained and cleaned.
908 Lockhart Road & Parkette	200672	5/15/2001	Sewage	Broken sewer pipe.	Broken sewer pipe, Locust Hill, Sandycove Acres, cleaned up.
908 Lockhart Road	207739	8/3/2001	Sewage	Overflow.	Sewage overflow from manhole to ground, Sandycove Acres, cleaned up.
908 Lockhart Road	222985	3/10/2002	Sewage	Overflow.	Sewage overflow from manhole to ground, Sandycove Acres, cleaned up.
908 Lockhart Road	230502	7/3/2002	Sewage	Valve leak.	20 L sewage overflow to grass when un-plugging sanitary manhole at Sandy Cove Acres.
908 Lockhart Road	230654	7/4/2002	Sewage	Pipe/hose leak.	Broken forcemain, raw sewage discharged to nearby small creek.

Sanitary sewage spills have the potential to cause an adverse effect, and for this reason these spills have been identified as PCA “A” on **Figure 1**. However, all of these spills occurred within the Sandycove Acres retirement community north of the Phase One Property and appear to have been cleaned up or addressed to the satisfaction of MECP. All seven spill locations are located at lower elevations relative to the Phase One Property. Even if the spills were not cleaned up properly, the probability of any impacts within the Phase One Property caused by these spills is low to non-existent.

For these reasons, this PCA does not contribute to an APEC within the Phase One Property.

WATER WELL INFORMATION SYSTEM (GOVERNMENT PUBLICATION DATE – FEBRUARY 28, 2019)

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 and well status. Also included is detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Two (2) water well records were reported within the Phase One Property, and twenty-three (23) records were reported within the remainder of the Phase One Study Area. Most of these wells appear to be existing or abandoned potable water supply wells. Along with some “test holes” installed in the 1970s.

Locations of all wells in the MECP well database are provided in **Figure 1**.

None of the information presented within the well records suggests the presence of PCAs. The presence of these wells does not contribute to one or more APECs within the Phase One Property.

4.3 PHYSICAL SETTING SOURCES

Physical setting sources are provided in Table 4.8 pursuant to O. Reg. 153/04, Schedule D, Table 1, Items 4(c)(i) through 4(c)(v).

4.3.1 AERIAL PHOTOGRAPHS

Aerial photographs for the years 1927, 1946, 1959, 1965, 1975, 1981 and 1989 were obtained from the National Air Photo Library maintained by Natural Resources Canada. Air photos for the years 2002, 2012 and 2018 were obtained from the Simcoe County Geographic Information Systems database. WSP is unaware of the existence of additional air photos of the Phase One Study Area other than those listed above. WSP’s interpretation of each aerial photograph is provided below. All aerial photographs are provided in **Appendix A**.

1927 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo. Buildings, roads and trees can be resolved, however smaller objects such as vehicles and fuel tanks (if present) cannot.

The Phase One Property appears to be located at the north-end of a larger lot generally bounded by Lockhart Drive to the north and by Sideroad 25 to the east. Agricultural land appears to extend to the west and south beyond the 250 metre Study Boundary. The larger lot appears to be a farm property. The apparent texture of the land surface is consistent with local crops known to have been grown in the Innisfil area such as corn and wheat.

No PCAs were identified within the 1927 air photo.

1946 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo. Roads and trees can be resolved, however buildings and smaller objects such as vehicles and fuel tanks (if present) cannot.

The visible land-use layout within the 1946 photo appears substantially the same as that shown in the 1927 air photo. Parallel rows of alternating light and dark texture consistent with tilling of soil and crop growth are visible south and west of the Phase One Property.

No PCAs were identified within the 1946 air photo.

1959 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo; however, the resolution of this photo is poor. The overall land use within the Phase One Study Area appears consistent with the land uses shown in the previous air photos. A driveway access from Lockhart Road to the future location of 911 Lockhart is now visible. This location is consistent with the barns and sheds observed during WSP's Site Reconnaissance as discussed later in this report.

No PCAs were identified within the 1959 air photo.

1965 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo. Roads and trees can be resolved, however buildings and smaller objects such as vehicles and fuel tanks (if present) cannot.

The overall land use within the Phase One Study Area appears consistent with the land uses shown in the previous air photos. Single-family dwellings now appear on the south-side of Lockhart Road east of the Phase One Property.

No PCAs were identified within the 1965 air photo.

1975 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo; however, the resolution of this photo is poor.

Substantial development has occurred since the last air photo in 1965. The Sandycove Acres retirement community has been developed north and south of the Phase One Property. The retirement community consists of modular homes that are situated on large parcels of land; portions of which are leased to the modular home occupants. A dwelling is now visible within #893 Lockhart Road within the Phase One Property. A driveway to the west-portion of #911 Lockhart also appears to extend from the adjacent Sandycove Acres development in addition to the driveway access from Lockhart Road.

No PCAs were identified within the 1975 air photo.

1981 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo; however, the resolution of this photo is poor.

Land uses within this air photo appear substantially the same as the uses visible in the 1975 air photo.

No PCAs were identified within the 1981 air photo.

1989 AIR PHOTO (BLACK & WHITE)

The Phase One Property and Phase One Study Area are visible in this photo. Roads and trees can be resolved along with buildings and smaller objects such as vehicles and larger fuel tanks (if present).

The enhanced resolution of this photo reveals that #893 Lockhart Road contains a dwelling and an outbuilding consistent with the shed observed by WSP as described later in this report. #911 Lockhart appears to be surfaced with grass and trees. Barn and shed structures consistent with WSP's field observations (discussed later in this report) appear adjacent to the west Phase One Property boundary. What appeared to be a driveway access leading to #911 from the adjacent Sandy Cove Acres development to the west appears to be a dead-end road spur with no access to

Sandycove Acres. Driveway access to #911 from Lockhart Road appears to be via lands that are currently occupied by #913 Lockhart Road. A building consistent with a small commercial strip-plaza is visible on the north-side of Lockhart Road opposite the Phase One Property.

No PCAs were identified within the 1989 air photo.

2002 AIR PHOTO (COLOUR)

The Phase One Property and Phase One Study Area are visible in this photo. Roads, buildings and trees can be resolved, along with smaller objects such as vehicles and larger fuel tanks (if present).

Single-family dwellings now appear between Lockhart Road and the Phase One Property, including a dwelling at #913 Lockhart Road which blocked off the former driveway access to #911 Lockhart. The central portion of the commercial plaza north of the Phase One Property appears to have been expanded.

The remainder of the Phase One Study Area, including the Phase One Property, appears to be substantially the same as that observed within the 1989 air photo.

No PCAs were identified within the 1989 air photo.

2012 AND 2018 AIR PHOTOS (COLOUR)

The Phase One Property and Phase One Study Area are visible in these two recent air photos. Roads and trees can be resolved along with buildings and smaller objects such as vehicles and larger fuel tanks (if present).

The portion of the Phase One Property occupied by #911 Lockhart Road appears to have been permitted to naturally revegetate since 2002 when grass-covered clearings were visible. The remainder of the Phase One Study Area appears to be substantially the same as that observed within the 2002 air photo.

No PCAs were identified within the 2012 and 2018 air photos.

4.3.2 TOPOLOGY, HYDROLOGY, GEOLOGY

The Phase One Property is located within the physiographic area denoted as the Peterborough Drumlin Field (Chapman & Putnam, 1984). Based on surficial and bedrock geology mapping of the site by the Ontario Geological Survey, the surficial geology at the site consists of stone-poor, sandy silt to silty sand textured glacial till on Paleozoic terrain. Surficial geology at the site also consists of coarse-textured glaciolacustrine deposits of sands and gravels with limestone and shale bedrock of the Verulam Formation is present at deeper depths.

The Phase One Property slopes gently from the southwest towards the northeast, with elevations of 245 masl at the southwestern property limit to 239 masl near the northeastern property limit. Existing topographic contours are shown on **Figure 1**. The land surrounding the Phase One Property gently slopes to the east and northeast. No surface water features were observed on the Phase One Property

4.3.3 FILL MATERIALS

A review of historical aerial photography suggests that some limited fill materials were imported into the Phase One Property to construct access driveways for #893 and #911 Lockhart Road.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

The Phase One Property is located in the Innisfil Creeks subwatershed, which is part of the Lake Simcoe watershed. Topography suggests that the Phase One Property and surrounding area generally drain into a creek located northeast of the site which flows to the east into Lake Simcoe, about 1.7 km to the east.

No Areas of Natural and Scientific Interest are located within 2,000 metres of the Phase One Property (ANSI, 2017, Ontario Ministry of Natural Resources).

4.3.5 WELL RECORDS

MECP water well records were obtained for lands within 500 metres of the Phase One Property to assess the general nature of the groundwater resource in near vicinity of the site, and historical/current uses of wells in the area. Thirty-four (34) well records were found (25 of which are located in the 250 metre Study Area), and a summary of the data obtained from this review is presented below.

The well records provide generic information about where groundwater was encountered. The records indicate that groundwater was encountered at depths ranging from 1.4 to 18 mbgs. The wells were installed in different stratigraphic units and for different purposes (e.g. monitoring, domestic use, etc.) and for that reason may not reflect a stabilized groundwater level. According to the well records the wells were installed for the following uses:

- Nineteen (19) of the wells were installed for domestic use;
- Eight (8) were not used or were decommissioned;
- Three (3) were used for monitoring purposes;
- Two (2) were used for farming; and
- One (1) was used for municipal purposes.

The stratigraphic descriptions within the MECP monitoring well records are often inaccurate due to the methodology in which they are determined (observations of cuttings and no consistency between descriptions of soil between different drillers). A high-level description of the deep stratigraphy can be determined by observing consistencies between most stratigraphic descriptions and at what depth the wells were terminated in an aquifer. In the area surrounding the Phase One Property, the well records generally indicate that there is an upper layer of “sand,” followed by “clays,” sometimes followed by deeper “sand” deposits.

Locations of all wells in the MECP well database are provided in **Figure 1**.

4.4 SITE OPERATING RECORDS

The Phase One Property is not currently being used for one of the uses described in clause 32 (1) (b) of O. Reg. 153/04, and accordingly Site Operating Records need not be reviewed for this study. It is unlikely that Site Operating Records exist for the Phase One Property given its history of residential and agricultural use.

5 INTERVIEW

WSP interviewed Mr. John Wight, a current tenant of the residential dwelling located at #893 Lockhart Road, to obtain additional historical information for the Phase One Property. A summary of WSP's interview of Mr. Wight is provided in Table 5.1.

Table 5.1 Phase One Property Interview – Mr. John Wight

	Interview Details
i. Date, place, and method of the interviews and the name of person being interviewed	<p>Date: November 09, 2020</p> <p>Place: 893 Lockhart Road</p> <p>Interview Method: In-person</p> <p>Interviewee: Mr. John Wight</p>
ii. Reason why the person was identified as an interview subject	Mr. Wight was interviewed in his capacity as a current residential tenant within the Phase One Property (#893 Lockhart Road).
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	<p>The interview was conducted by Jay Dolan, QP_{ESA} on behalf of WSP on the same date WSP conducted the Reconnaissance of the Phase One Property. A summary of relevant information within Mr. Wight's responses is provided below:</p> <ul style="list-style-type: none"> — Mr. Wight advised that he has been a tenant of the #893 Lockhart Road property for approximately two (2) years; — The use of the #893 property was residential when he began his occupancy. He recalled no business used within the property; — He advised that the house has always been heated by natural gas appliances since his tenancy began. He did not recall other heating sources such as oil-burning appliances; — Mr. Wight advised that he does not run a business from the #893 property, but advised that he does maintenance and repair work on personal vehicles and small motorized equipment; — Mr. Wight is unaware of the presence of underground tanks within the property other than a septic tank; — Mr. Wight was unaware of any spills within the property during his tenancy; — Mr. Wight advised that surrounding land use has not changed significantly since his tenancy began. <p>No PCAs were identified based on the answers provided by Mr. Wight.</p>
Reliability or Validity	Information provided by Mr. Wight was consistent with information obtained during the records review. No Ontario spills were reported by ERIS within the Phase One Property, which is consistent with Mr. Wight's recollection.

6 SITE RECONNAISSANCE

A description of the Phase One Property and Phase One Study Area reconnaissance conducted by WSP is documented throughout Section 6.0 with potential contaminating activities identified and discussed in Section 7.0.

6.1 GENERAL DETAILS

General inspection details are provided in Table 6.1:

Table 6.1 Site Reconnaissance - General Details

	Inspection Details
i. date and time of the investigation	November 09, 2019 from 10:30AM to 1:00PM.
ii. weather conditions	Partly-cloudy, approximately 10°C.
iii. whether the facility was operating at the time of the investigation	The portion of the Phase One Property known as #893 Lockhart Road was occupied by a single-family residential dwelling and detached garage. The remainder of the Phase One Property (#911 Lockhart) was vacant but included three abandoned structures.
iv. The name and qualifications of the person conducting the investigation	The investigation was conducted by Mr. Jay Dolan, P.Eng., QP _{ESA} . Mr. Dolan's qualifications are provided in Section 8.2 of this report.
Photographic Record of Inspection	
Photographs of the exterior and interior portions of the Phase One Property documenting any areas of potential environmental concern and illustrating any relevant structures and areas of disturbed soils, including fill areas, are provided in <i>Appendix B</i> .	

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

Table 6.2 summarizes the Phase One Property reconnaissance observations made by WSP. Site reconnaissance photos are provided in *Appendix B*.

Table 6.2 Site Reconnaissance Observations

Identifiable Features	Specific Observations
General	
i. Subject Site Structures and Improvements including Below-Ground Structures	The Phase One Property was occupied by a single-family residential dwelling and detached garage (#893 Lockhart) along with an abandoned barn and two abandoned sheds (#911 Lockhart). None of the structures observed by WSP included basements.
ii. Underground Storage Tanks	One (1) septic tank was observed within #893. No evidence of additional underground storage tanks was observed within the Phase One Property.

Identifiable Features	Specific Observations
iii. Above Ground Storage Tanks	No evidence of aboveground storage tanks was observed within the Phase One Property.
iv. Potable and Non-Potable Water Sources	#893 Lockhart Road obtained potable water form an onsite drilled well. #911 Lockhart road is currently unserved.
Underground Utilities and Corridors	
Underground Utilities and Corridors	Buried natural gas, hydro and telecommunications cable were observed within #893. #911 is currently unserved. Upgrades to municipal water and sewer infrastructure were underway within Lockhart Road at the time of the inspection.
Features and Structures of On-site Buildings	
i. Entry and Exit Points	The residential dwelling within #893 was equipped with entry and exit points on the north, east and south sides. An abandoned barn and one of two abandoned sheds within #911 are accessible from doors on the east-facing sides of the structures.
ii. Heating & Cooling Systems	#893 is equipped with natural gas heating appliances. #911 is currently unserved.
iii. Drains, Pits, Sumps	No drains, pits or sumps were observed within the Phase One Property.
iv. Unidentified Substances	A 205 litre steel drum was observed at the southwest corner of the detached garage within #893 (Appendix B , Photo B5). This drum was not labelled, but based on answers to interview questions provided in Section 5.0 and, based on the presence of several motorcycles, ATVs and lawn mowers near the shed it is possible that the drum contains waste fluids from small engine repair and maintenance operations.
Wells, Sewage Works, Ground Surface, Railways	
i. Wells	One (1) domestic drilled water well was observed within #893 along with one (1) groundwater-monitoring well installed by another consultant as discussed earlier in this report. Three (3) groundwater-monitoring wells installed by another consultant were observed within #911.
ii. Sewage Works	#893 is currently equipped with a Class 4 sewage disposal system consisting of a septic tank and effluent absorption field. No sewage works were observed within #911.
iii. Ground Surface	Ground surface within the Phase One Property was generally covered by grass and trees. A gravel vehicle-access driveway services #893, and evidence of an overgrown vehicle access driveway was observed within #911.
iv. Railway Lines and Spurs	No railway lines or rail spurs were observed within or adjacent to the Phase One Property.
Documentation referred to in O. Reg. 153/04, Schedule D, paragraph 4 of subsection 13 (2)	
i. Stained Soil, Vegetation or Pavement	No significant staining of the gravel driveway was observed within #893. No obvious evidence of vegetative staining was observed near the detached garage within #893 or elsewhere within the Phase One Property, however significant vegetative growth did not permit a comprehensive inspection.
ii. Stressed Vegetation	No stressed vegetation was observed within the Phase One Property.

Identifiable Features	Specific Observations
iii. Areas where fill and debris materials appear to have been placed or graded	The vehicle access driveway within #893 is constructed of gravel. Evidence of a former access driveway within #911 was observed directly behind #913 Lockhart Road.
iv. Potentially contaminating activity	Maintenance and repair of small engines adjacent to the detached garage within #893 is potentially-contaminating activity.
v. Details of potentially hazardous liquids or unidentified substances found at the property	An unlabeled 205-litre steel drum was observed at the southwest corner of the detached garage within #893 (Appendix B , Photo B5). This drum may contain waste fluids generated during repair and maintenance of small engines. Paint and solvent containers were also observed within or adjacent to abandoned storage sheds located within #911 (Appendix B , Photos B13, B17 and C18).

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

WSP's reconnaissance included the Phase One Property and observation of lands within the Phase One Study Area accessible from public property. A written description of the investigation is provided with reference to photographs B1 through B20 provided in **Appendix B**.

The existing single-family dwelling and detached garage are shown in Photo B1 looking south from Lockhart Road. The dwelling is of wood-frame construction, clad with brick and vinyl-siding, and equipped with an asphalt-shingled roof. The dwelling is serviced with natural gas (gas fireplace shown in Photo B2), hydro and telephone connections. Potable water is obtained from an onsite drilled well, and domestic sewage is disposed using a septic tank and effluent distribution field. The detached garage (interior shown in Photo B3) is of wood-frame construction and is serviced with electricity.

Motorcycles and small utility vehicles (ATVs, lawn mowers) were observed at the rear of the detached garage (Photos B4 and B5). One unlabeled 205-litre steel drum was observed at the southwest corner of the garage (Photo B5). Based on answers to interview questions provided in Section 5.0 and based on the presence of several motorcycles, ATVs and lawn mowers near the shed it is possible that the drum contains waste fluids from small engine repair and maintenance operations. The drum was not located within a spill containment dike. Production and storage of waste engine fluids is a potentially-contaminating activity which is shown as "PCA-C" in **Figure 1**. Liquid waste within this drum and within any other containers within or adjacent to the detached garage should be properly disposed in accordance with O. Reg. 347 (as amended).

No evidence of fuel storage tanks was observed within #893. An inspection of the dwelling's perimeter revealed no evidence of former piping penetrations that might have suggested the presence of a former fuel oil heating tank. A groundwater-monitoring well set inside a monument-style casing was observed at the southeast corner of the #893 property (Photo B7). This well was one of four wells observed in the Phase One Property used for geotechnical and hydrogeological investigations conducted by another consultant as previously described.

A view facing east of the back-yards for dwellings located at #909, 905, 901, 897 and 893 Lockhart Road as observed from the #911 Lockhart Road access point is shown in Photo B9. A view facing west of the back-yard of the dwelling located at #913 Lockhart Road as observed from the #911 Lockhart Road access point is shown in Photo B10. No potentially-contaminating activity was observed within any of these properties.

Two (2) additional groundwater-monitoring wells installed by another consultant for geotechnical and hydrogeological studies are shown in Photo B11. The dwelling in Photo B11 is #913 Lockhart Road which was constructed over the former driveway access to #911 Lockhart Road based on a review of historical aerial photography.

One (1) abandoned barn and two (2) abandoned sheds were observed adjacent to the west property line of #911 Lockhart Road. Both sheds (Photos B12 and B16) contained paint and solvent containers (Photos B13, B17 and B18). The containers

had been placed on bare earth and grass in front of and inside the sheds. Liquid waste in these containers should be properly disposed in accordance with O. Reg. 347 (as amended). Soil beneath the paint and solvent containers should be analyzed for contaminants of potential concern related to paints and solvents (petroleum hydrocarbons, volatile organic compounds and metals). Any soil not meeting generic soil quality standards for the future residential use within the Phase One Property should be properly removed and disposed. Any impact of the shallow groundwater table should also be properly remediated to potable groundwater standards for residential use. Potentially-contaminating activity associated with liquid waste storage is identified on **Figure 1** as PCA-C.

A fourth groundwater-monitoring well installed by another consultant for geotechnical and hydrogeological investigations was observed near the south property line within #911 (Photo B19). The remainder of the #911 lands were covered by trees and dense vegetation.

No potentially-contaminating activity was observed within the 250-metre Study Area. Reconstruction of Lockhart Road in front of the Phase One Property was underway at the time of the inspection (Photo B8). No significant risks such as temporary diesel fuel tanks for construction equipment were observed within the construction area. A small commercial strip-plaza containing various commercial uses was observed north of the Phase One Property (Photo B8). The Sandycove Acres retirement community is located north of the plaza and to the south of the Phase One Property (Photo B20). No evidence of fuel oil heating tanks was observed within the modular homes abutting the Phase One Property to the south while standing within the Phase One Property.

The PCAs observed during the reconnaissance have potential to impact soil and groundwater, and accordingly these PCAs are considered Areas of Potential Environmental Concern (APECs) requiring further investigation.

7 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

A table of current and past uses of the Phase One Property is provided in Table 7.1.

Table 7.1 Current and Past Phase I Property Land Uses

Year(s)	Owner(s)	Property Use(s)	Evidence in Support of Property Use(s)
Crown Patent (September 24, 1822) to 1927	Various Private Owners	Undetermined	The Phase One Property was first owned by Grant Powell, who was granted a Crown land patent on September 24, 1822 which included the Phase One Property (see Title Search). No additional records were available for this time period, although the land use was likely agricultural based on the long history of agricultural activity within the Town of Innisfil.
1927 to Late 1960s or Early 1970s.	Various private owners	Agricultural and Residential Uses	<p>An air photo from 1927 clearly shows the Phase One Property as part of a larger agricultural land parcel. Agricultural activity likely included farming of corn, wheat, or possibly cattle (dairy farming). An air photo from 1965 shows that the Phase One Property remains part of a larger agricultural land parcel. In the next-available air photo from 1975, the Phase One Property is surrounded by the Sandycove Acres retirement community, and a dwelling appears within the portion of the Phase One Property occupied by #893 Lockhart Road.</p> <p><u>The Phase One Property appears to have been first-developed for agricultural use.</u></p>
Late 1960s or Early 1970s to Date of this Phase One ESA Report	Two corporations (including MMS) and various private owners.	Single-family dwelling (#893). Use of former agricultural buildings (barn and sheds) for storage (#911).	<p>The single-family residential dwelling within #893 first viewed on a 1975 air photo remains within the Phase One Property as of the date of this report based on a review of air photography and on a site reconnaissance.</p> <p>A barn and two sheds visible near the west-boundary of the Phase One Property (#911) first viewed on a 1959 air photo also remain within the Phase One Property as of the date of this report based on a review of air photography and on a site reconnaissance. Agricultural activity within #911 likely ceased on construction of the Sandycove Acres retirement community south of the Phase One Property sometime between 1965 and 1975.</p>

7.2 POTENTIALLY CONTAMINATING ACTIVITY

Potentially Contaminating Activities (PCAs) contributing to Areas of Potential Environmental Concern (APECs) within the Phase One Property are shown in Table 7.2 and *Figure 1*.

Table 7.2 Summary of Potentially-Contaminating Activities Contributing to APECs

PCA	Description
PCA “C” (Figure 1) — Storage of liquid waste outdoors over unprotected earth	This Phase One ESA Report documents the presence of three (3) liquid waste storage areas: (i) adjacent to a detached shed within #893, (ii) adjacent to an abandoned shed within #911, and (iii) inside an abandoned shed within #911. The potential for unreported leaks and spills within these storage areas to impact soil and groundwater should be investigated. The liquid waste and containers should be properly disposed in accordance with O. Reg. 347 (as amended).

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Areas of Potential Environmental Concern are provided in Table 7.3 and shown in *Figure 2*.

Table 7.3 Summary of Areas of Potential Environmental Concern

AREA OF POTENTIAL ENVIRONMENTAL CONCERN	LOCATION OF POTENTIAL ENVIRONMENTAL CONCERN ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY	LOCATION OF PCA (ON-SITE OR OFF-SITE)	POTENTIAL CONTAMINANTS OF CONCERN	MEDIA POTENTIALLY IMPACTED (GROUND WATER, SOIL AND/OR SEDIMENT)
APEC-1 Storage of liquid waste outdoors over unprotected earth	(i) Adjacent to detached garage within #893 Lockhart Road, (ii) Adjacent to first of two abandoned sheds within #911 Lockhart Road, and (iii) Adjacent to second of two abandoned sheds within #911 Lockhart Road.	Storage of liquid waste outdoors over unprotected earth. Possible unreported leaks and spills within the storage areas.	On-Site	PHCs, VOCs, Metals	Soil & Groundwater

7.4 PHASE ONE CONCEPTUAL SITE MODEL

A Conceptual Site Model (CSM) for the Phase One Property is shown in **Figure 1**. The CSM contains the following information:

- Existing buildings and structures;
- Water bodies located in whole, or in part, on the Phase One Study Area;
- Areas of natural significance located in whole, or in part, on the Phase One Study Area;
- Water wells at the Phase One Property or within the Phase One Study Area;
- Roads, including names, within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and
- Areas where any PCAs have occurred, including location of any tanks.

A description and assessment of the CSM is provided in Table 7.4. APECs and COPCs are provided in **Figure 2**.

Table 7.4 Conceptual Site Model Description and Assessment

CSM Data		Discussion
i.	Any areas where potentially contaminating activity on or potentially affecting the Phase One Property has occurred	<p>One (1) APEC was identified within the Phase One Property:</p> <ul style="list-style-type: none"> • Leaks and/or spills of paints, solvents and/or waste automotive fluids from unlined aboveground containers within the Phase One Property had potential to impact soil and/or groundwater within the Phase One Property; • Three (3) separate locations within the Phase One Property requiring investigation for the same potentially-contaminating activity were identified.
ii.	Any contaminants of potential concern	<p>Potential Contaminants of Concern (COCs) related to each of the four APECs are provided in Table 7.3 and discussed below:</p> <ul style="list-style-type: none"> • Petroleum hydrocarbons (PHCs), Volatile Organic Compounds (VOCs) and metals are COCs with respect to waste automotive fluids, paints and solvents.
iii.	The potential for underground utilities, if present, to affect contaminant distribution and transport	<p>Underground utility trenches observed within the Phase One Property have potential to facilitate movement of dissolved-phase contaminants in groundwater in the event there were large, unreported spills within the Phase One Property.</p>
iv.	Available regional or site specific geological and hydrogeological information	<p>The Phase One Property is located in the Innisfil Creeks subwatershed, which is part of the Lake Simcoe watershed. Topography suggests that the Phase One Property and surrounding area generally drain into a creek located northeast of the site which flows to the east into Lake Simcoe, about 1.7 km to the east.</p> <p>In the area surrounding the Phase One Property, the well records generally indicate that there is an upper layer of “sand,” followed by “clays,” sometimes</p>

CSM Data		Discussion
		<p>followed by deeper “sand” deposits. This data suggests that shallow groundwater flow velocity below and adjacent to the Phase One Property will be mostly dictated by the hydraulic conductivity of the water-bearing sand formations near ground surface. Contaminant attenuation potential within groundwater will also be dictated by the physiochemical properties of the sand.</p>
v.	<p>How any uncertainty or absence of information obtained in each of the components of the phase one environmental site assessment could affect the validity of the model</p>	<p>During the records review, WSP relied on information obtained from municipal, provincial, and independent sources as referenced in this report. WSP considers the information provided by these sources to be reliable based on consistency of information observed while cross-referencing information sources.</p> <p>WSP made all reasonable inquiries to obtain information for this assessment. It is possible, though in WSP’s opinion unlikely, that additional information not reviewed by WSP exists, and that this information may change the conclusions of this Phase One ESA report. The evaluation provided in this report reflects our best judgement based on the information available at the time the report was prepared.</p> <p>The decision to consider PCAs as APECs was made by application of the professional judgment of the QP who prepared this report.</p>

8 CONCLUSIONS

WSP completed a Phase One ESA of the Phase One Property in accordance with CSA Standard Z768-01 Phase I Environmental Site Assessment (R2012) using the nomenclature and reporting structure set out within O. Reg. 153/04 Records of Site Condition. Potentially-contaminating activities were noted within the Phase One Property and within the Phase One Study Area, one of which contributes to an Area of Potential Environmental Concern (APEC) within the Phase One Property as summarized in Table 7.3. The APEC is related to outdoor, unlined storage of liquid waste (possibly waste engine fluids) along with paints and solvents.

This APEC should be further investigated in one of two ways:

- 1 Soil and groundwater quality below the detached garage and two sheds should be assessed for the COPCs identified in Table 7.3 by an O. Reg. 153/04 Qualified Person during demolition of these structures. Any soil and/or groundwater impacts exceeding generic quality standards prescribed under O. Reg. 153/04 for residential land uses in a potable groundwater environment should be remediated; or
- 2 A Limited Phase Two Environmental Site Assessment addressing soil and groundwater quality below the detached garage and two abandoned sheds should be undertaken.

WSP recommends that the APEC be investigated during demolition of the garage and shed structures (method #1 above) rather than by way of a limited Phase Two ESA. Soil and groundwater samples may be collected by excavating test pits following removal of the liquid waste containers and structures and analyzed for the contaminants of potential concern identified in this study. Any soil and/or groundwater impacts discovered during the test-pitting work may be addressed at that time, and a report may be prepared documenting the investigation along with any remedial work undertaken.

8.1 CLOSURE

This Phase One Environmental Site Assessment was completed by Mr. Jay Dolan, P.Eng., QP_{ESA} and reviewed by Ms. Sarah Hutchesson, M.Sc., P.Eng., QP_{ESA}. Any Professional Engineering practice documented within this report was undertaken by or under the supervision of a Professional Engineer licensed in the Province of Ontario. The Qualifications of the Assessors are provided in Section 8.2.

This report was prepared for the exclusive use of *MMS Lockhart Holdings Inc.* and is intended to provide a Phase One Environmental Site Assessment (ESA) of the Phase One Property as shown in a Draft Plan of Subdivision provided in **Appendix C** of this report. Any use of this report made by other parties, or any reliance on or decisions made based on it are the responsibility of the other parties. Should additional parties require reliance on this report, written authorization from WSP Canada Inc. will be required. With respect to other parties, WSP Canada Inc. disclaims liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the Phase One ESA of the Phase One Property conducted by WSP Canada Inc. The report is based solely on the Phase One Property conditions encountered at the time of the Phase One Property visit on November 09, 2020 as supplemented by a review of historical information and data obtained by WSP Canada Inc., along with interviews of persons having knowledge of the Phase One Property's history as reported herein. Except as otherwise specified, WSP Canada Inc. disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to WSP Canada Inc. following completion of the Phase One Property inspection on November 09, 2020.

WSP Canada Inc. relied in good faith on information provided by service providers and individuals noted in this report. WSP Canada Inc. has assumed that the information provided is factual and accurate. WSP Canada Inc. accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report resulting from omissions or misinterpretation of information.

WSP Canada Inc. makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters flowing from this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes

are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

8.2 QUALIFICATIONS OF THE ASSESSORS

This Phase One Environmental Site Assessment was conducted by Mr. Jay Dolan, a licensed Professional Engineer (Ontario and Saskatchewan) with over twenty-five (25) years of full and part-time experience in environmental consulting and contracting. Mr. Dolan has successfully applied in-situ remedial techniques to remediate contaminated soil and groundwater including chemical oxidation, bioremediation, soil vapour extraction and multi-phase extraction, and has successfully applied ex-situ techniques including bio-piling and “dig and dump”. He has completed hundreds of Phase I, II and III Environmental Site Assessments and has prepared hundreds of assessment reports and remedial action plans for contaminated properties. Mr. Dolan is a Qualified Person pursuant to O. Reg. 153/04 (as amended).

This Phase One Environmental Site Assessment was reviewed by Ms. Sarah Hutchesson, a licensed Professional Engineer (Ontario) with fourteen (14) years of environmental consulting experience. Sarah has completed numerous Phase One and Phase Two ESAs within Central Ontario. Sarah has solid working knowledge of provincial and federal environmental regulations governing contaminated sites, including the Ontario Environmental Protection Act, the Ontario Water Resources Act, and the Ontario Technical Standards and Safety Act, 2001 and Federal CCME Environmental Practice regulations and guidelines.

Detailed Curricula Vitae for Mr. Dolan and Ms. Hutchesson are available on request.

9 REFERENCES

Agriculture and Agri-Food Canada, 2014 *Detailed Soil Survey National Database (NSDB)*, 2014.

Central Earth Engineering, 2019a. *Geotechnical Report, Proposed 28 Lot Residential Development, 893&911 Lockhart Road, Innisfil, Ontario*, December 3, 2019

Central Earth Engineering, 2019b. *Hydrogeological Report, Proposed 28 Lot Residential Development, 893&911 Lockhart Road, Innisfil, Ontario*, December 11, 2019

Chapman, L.J., and Putnam, D.F., 2007. *Physiography of Southern Ontario*; Ontario Geological Survey, Miscellaneous Release – Data 22.

Dubreuil, Lorraine and Woods, Cheryl A., 2002 *Catalogue of Canadian Fire Insurance Plans 1875-1975. Occasional Papers of the Association of Canadian Map Libraries and Archives, Number 6.* Ottawa, Ontario, Canada: Association of Canadian Map Libraries and Archives, 2002. p. 500p.

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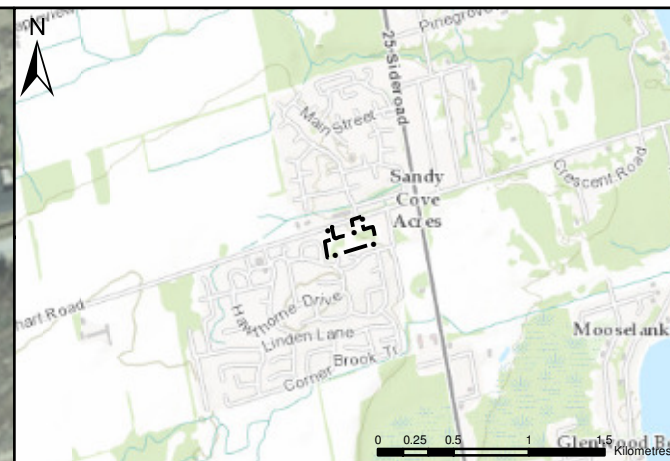
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(A) SANITARY SEWER SPILL

(B) O. REG. 347 WASTE GENERATOR (OIL SKIMMINGS AND SLUDGE

(C) WASTE OIL AND SOLVENT STORAGE

PROJECT:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
893 & 911 LOCKHART ROAD
INNISFIL, ONTARIO

	PROJECT NO.: 201-09744-00	REVIEWED BY: JD
	DATE: NOVEMBER 2020	FIGURE: 1



DATA SOURCE:

- LEGEND:
- SITE BOUNDARY
 - PCA (NOT CONTRIBUTING TO APEC)
 - PCA (CONTRIBUTING TO APEC)
 - APEC 1

0 10 20 40 60 Metres

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs):

APEC	PCA	COPC	Media
1	C	PHCs, VOCs, Metals	Soil & GW

TITLE:
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

PROJECT:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
893 & 911 LOCKHART ROAD
INNISFIL, ONTARIO

CLIENT:
MMS LOCKHART HOLDINGS INC.

	PROJECT NO.: 201-09744-00	REVIEWED BY: JD
	DATE: NOVEMBER 2020	FIGURE: 2

APPENDIX

A HISTORICAL AIR PHOTOS







DATA SOURCE: NAPL

0 25 50 100 150 Metres






LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE:	1927 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A1



DATA SOURCE: NAPL				02550100150Metres	
	LEGEND:  SITE BOUNDARY  250 m STUDY AREA	TITLE: 1946 AERIAL PHOTOGRAPH		PROJECT NO.: 201-09744-00	
		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO		REVIEWED BY: JD	
				DATE: NOVEMBER 2020	
				CLIENT: MMS LOCKHART HOLDINGS INC.	FIGURE: A2





DATA SOURCE: NAPL

0 25 50 100 150 Metres



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE:	1959 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A3





DATA SOURCE: NAPL

0 25 50 100 150 Metres



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE:	1965 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A4





DATA SOURCE: NAPL

0 25 50 100 150 Metres



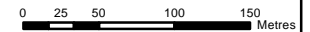
LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA



TITLE:	1975 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A5



DATA SOURCE: NAPL



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE:	1981 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A6





DATA SOURCE: SIMCOE COUNTY

0 25 50 100 150 Metres



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE: 1989 AERIAL PHOTOGRAPH

PROJECT NO.: 201-09744-00

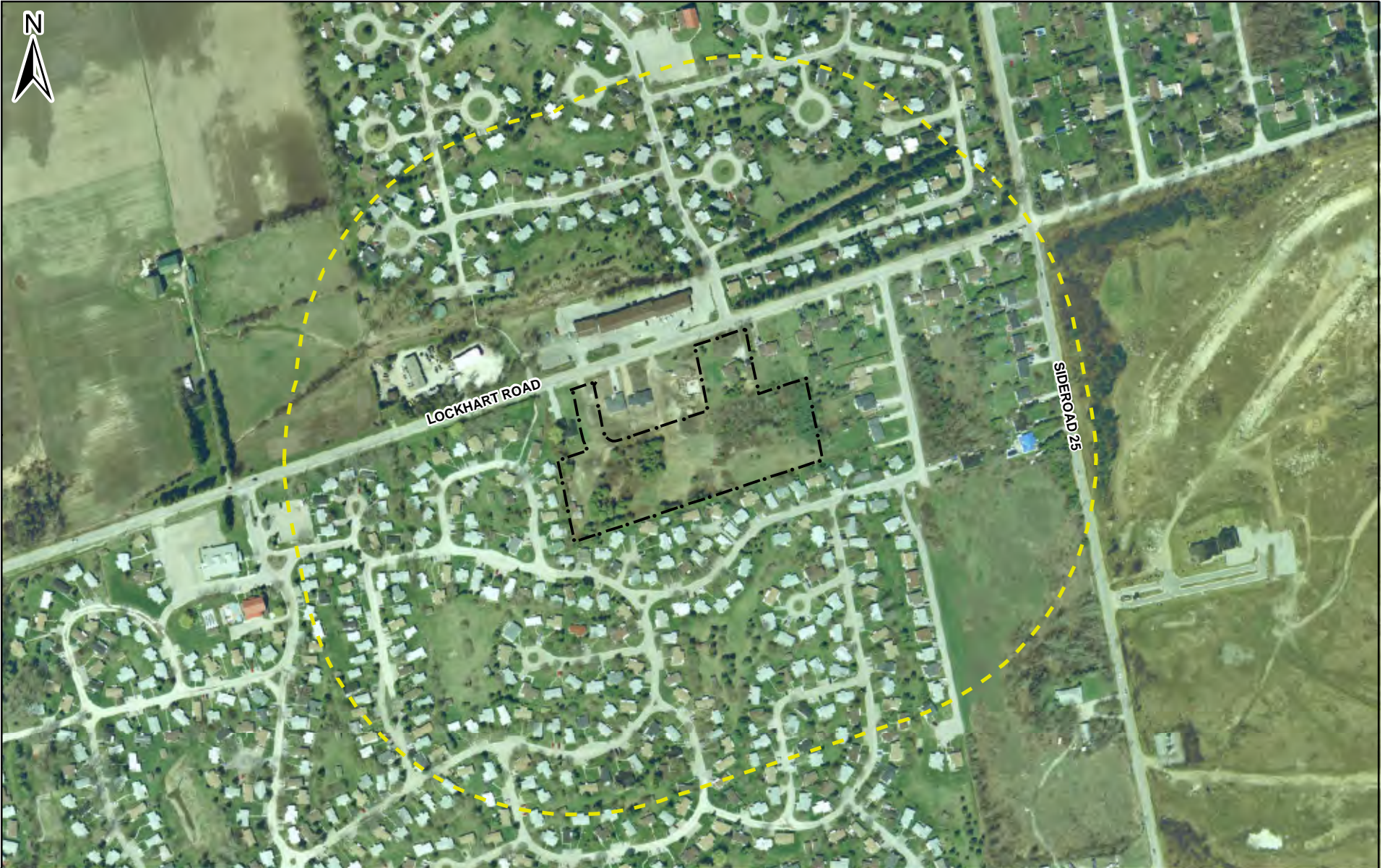
PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
893 & 911 LOCKHART ROAD
INNISFIL, ONTARIO

REVIEWED BY: JD

DATE: NOVEMBER 2020




CLIENT: MMS LOCKHART HOLDINGS INC.

FIGURE: A7



DATA SOURCE: SIMCOE COUNTY

0 25 50 100 150 Metres

	LEGEND:  SITE BOUNDARY  250 m STUDY AREA	TITLE:	2002 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
		PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
				DATE:	NOVEMBER 2020
		CLIENT:	MMS LOCKHART HOLDINGS INC.	FIGURE:	A8





DATA SOURCE: SIMCOE COUNTY

0 25 50 100 150 Metres



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE: 2012 AERIAL PHOTOGRAPH

PROJECT NO.: 201-09744-00

PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
893 & 911 LOCKHART ROAD
INNISFIL, ONTARIO

REVIEWED BY: JD

DATE: NOVEMBER 2020

CLIENT: MMS LOCKHART HOLDINGS INC.

FIGURE: A9





DATA SOURCE: SIMCOE COUNTY

0 25 50 100 150 Metres



LEGEND:

-  SITE BOUNDARY
-  250 m STUDY AREA

TITLE:	2018 AERIAL PHOTOGRAPH	PROJECT NO.:	201-09744-00
PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 893 & 911 LOCKHART ROAD INNISFIL, ONTARIO	REVIEWED BY:	JD
CLIENT:	MMS LOCKHART HOLDINGS INC.	DATE:	NOVEMBER 2020
		FIGURE:	A10

APPENDIX

B SITE

RECONNAISSANCE PHOTOS





Photo B1: Existing Dwelling (Right) and Detached Garage (Left) – 893 Lockhart Road.

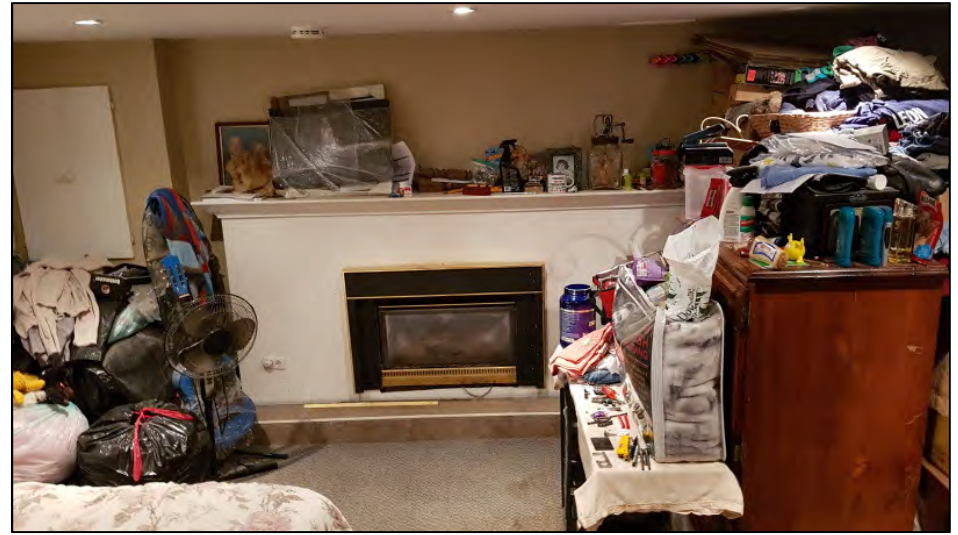


Photo B2: Existing Space Heat Source (Gas Fireplace) – 893 Lockhart Rd. Dwelling



Photo B3: Detached Garage Interior – 893 Lockhart Road



Photo B4: Rear of Detached Garage – 893 Lockhart Road.



Photo B5: Liquid Waste Drum – Rear of Detached Garage – 893 Lockhart Road.



Photo B6: Rear of Existing Dwelling – 893 Lockhart Road



Photo B7: Groundwater-Monitoring Well – SE Corner of 893 Lockhart Road.



Photo B8: Looking West Along Lockhart Road From #893.



**SITE RECONNAISSANCE PHOTOS – 893 & 911 LOCKHART ROAD, INNISFIL,
ONTARIO - NOVEMBER 09, 2020**



Photo B9: Looking East From #911 Lockhart Access.



Photo B10: Looking West From #911 Lockhart Access



Photo B11: Groundwater-Monitoring Wells, #911 Lockhart Looking to #913 Lockhart.



Photo B12: Abandoned Shed, NW Corner of #911 Lockhart Road..



Photo B13: Paint and Solvent Containers, Abandoned Shed, 911 Lockhart Road.



Photo B14: Abandoned Barn, SW Corner of #911 Lockhart Road.



Photo B15: Abandoned Barn Interior, #911 Lockhart Road.



Photo B16: Abandoned Shed, SW Corner #911 Lockhart Road (Barn in Rear).



Photo B17: Scrap Tires and Liquid Container, Abandoned Shed, SW Corner #911.



Photo C18: Paint Containers and Refuse, Abandoned Shed, SW Corner #911.



Photo B19: Groundwater-Monitoring Well, #911 Lockhart (#901 Visible in Rear).



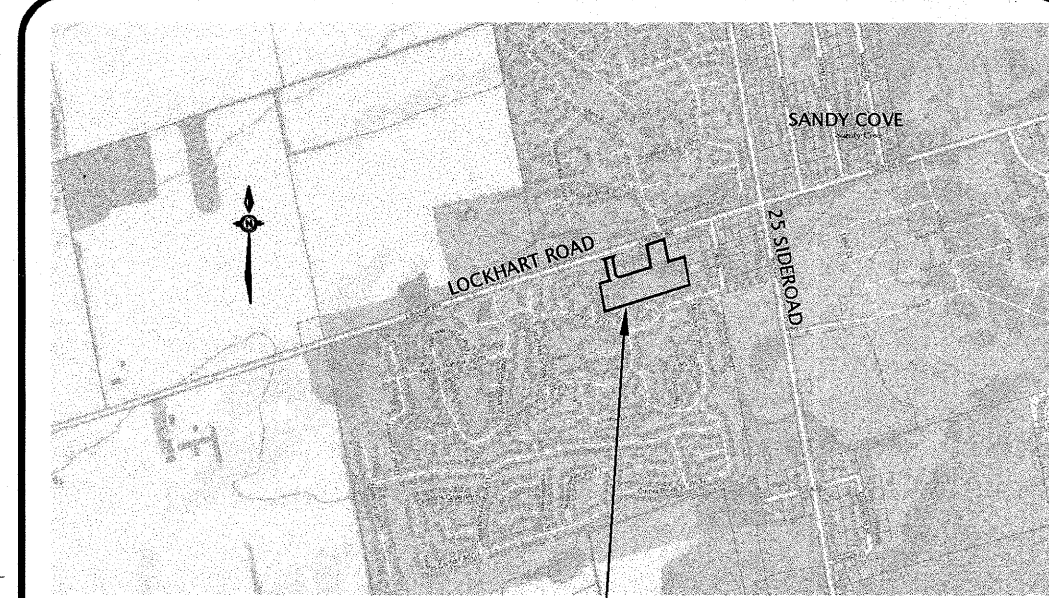
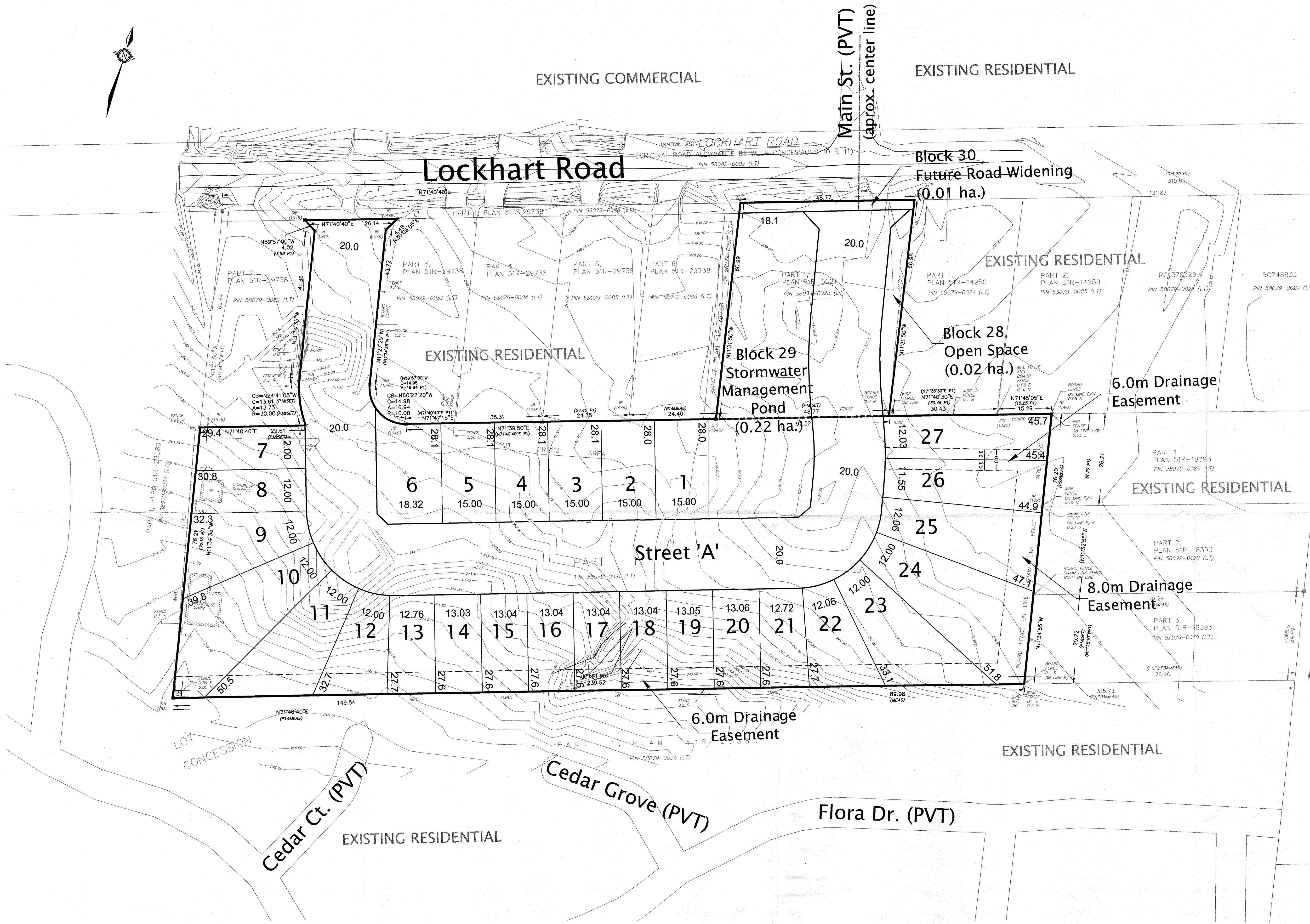
Photo B20: Modular Homes Beyond South Property Line of 911 Lockhart Road.

APPENDIX

C DRAFT PLAN OF SUBDIVISION



FAYAZ
893 & 911 LOCKHART ROAD
TOWN OF INNISFIL, ONTARIO



KEY PLAN SCALE 1:25,000

Proposed Draft Plan of Subdivision
Part of Lot 25, Concession 10
Town of Innisfil, County of Simcoe
2020

OWNER'S CERTIFICATE
I, THE UNDERSIGNED, BEING THE REGISTERED OWNER OF THE SUBJECT LANDS, HEREBY AUTHORIZE THE JONES CONSULTING GROUP LTD., TO PREPARE THIS DRAFT PLAN OF SUBDIVISION AND TO SUBMIT SAME TO THE TOWN OF INNISFIL FOR APPROVAL.

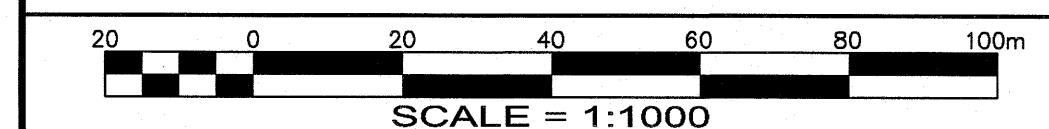
DATE July 21st 2020 OWNER [Signature]

SURVEYOR'S CERTIFICATE
I CERTIFY THAT THE BOUNDARIES OF THE LANDS TO BE SUBDIVIDED AND THEIR RELATIONSHIP TO ADJACENT LANDS ARE ACCURATELY AND CORRECTLY SHOWN.

DATE July 14, 2020 RUDY MAK
ONTARIO LAND SURVEYOR

- ADDITIONAL INFORMATION REQUIRED UNDER SECTION 51(17) OF THE PLANNING ACT
- | | |
|--|--|
| a) SHOWN ON DRAFT PLAN | g) SHOWN ON DRAFT PLAN |
| b) SHOWN ON DRAFT PLAN | h) MUNICIPAL PIPED WATER TO BE PROVIDED |
| c) SHOWN ON KEY PLAN | i) SANDY/CLAY LOAM |
| d) RESIDENTIAL OPEN SPACE & j) SHOWN ON DRAFT PLAN | |
| e) SHOWN ON DRAFT PLAN | k) ALL MUNICIPAL SERVICES TO BE PROVIDED |
| f) SHOWN ON DRAFT PLAN | l) SHOWN ON DRAFT PLAN |

Residential Zone R2 with Municipal Sewer Services		
STATISTICS	AREA (ha.)	UNITS
15.0 m Singles (Lots 1-6)	0.26 ha.	6 units
12.0 m Singles (Lots 7-27)	1.06 ha.	21 units
Open Space (Block 28)	0.02 ha.	
Stormwater Management (Block 29)	0.22 ha.	
Road Widening (Block 30)	0.01 ha.	
Road (Street 'A')	0.65 ha.	
TOTAL	2.22 ha.	27 units



FAYAZ - 893 & 911 LOCKHART ROAD
BARRIE, ONTARIO
DRAFT PLAN OF SUBDIVISION

Raymond J. Duhamel
REGISTERED PROFESSIONAL PLANNER
R.P.P.

Date Issued: JULY 7, 2020
Checked By: RD
Project No.: FAY-19035
Drawn By: m.c.r.
Drawing Name: FAY-19035-DP-1.dwg

JONES
CONSULTING GROUP LTD.
PLANNERS & ENGINEERS
229 Mapleview Drive East, Unit 1, Barrie, Ontario, L4N 0V6
Phone: 705-734-2891 Fax: 705-734-1056
www.jonesconsulting.com

SCHEDULE OF REVISIONS		
DATE	DESCRIPTION	DRAWN

APPENDIX

D RECORD SEARCH RESULTS





enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

893 911 Lockhart Road Innisfil Ontario

Project No:

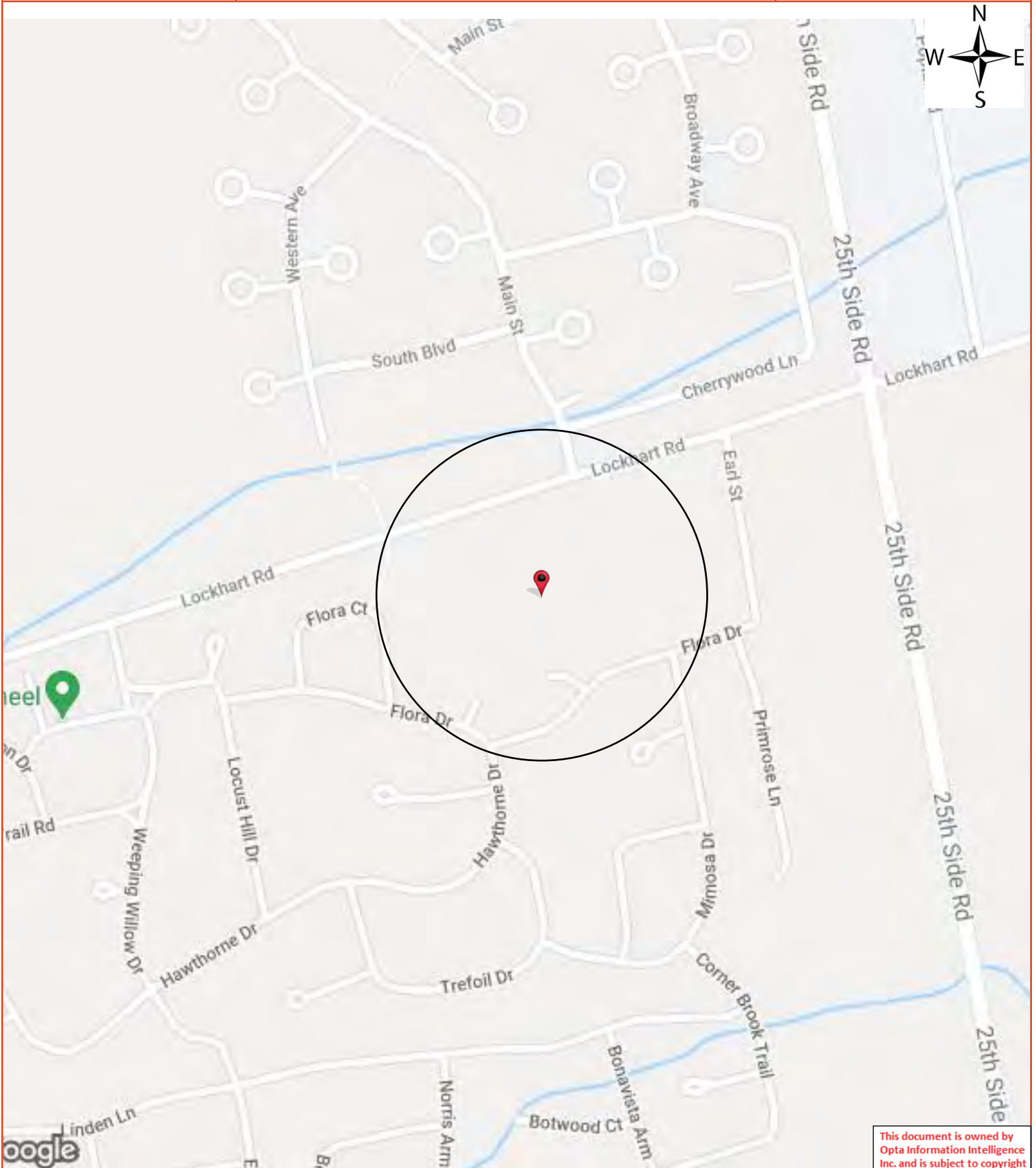
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Opta Order ID:

78190

Requested by:
Eleanor Goolab
ERIS

Date Completed:
9/29/2020 11:20:11 AM



Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

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

Governing Document

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

Law

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

No Records Found

Requested by:

Eleanor Goolab

Date Completed: 09/29/2020 11:20:11



OPTA INFORMATION INTELLIGENCE

No Records Found



CHAIN OF TITLE REPORT

Project # 20292200140
Address: 893 Lockhart Road, Innisfil
Legal Part Lot 25 Con 10 Innisfil
Description: Part 1 51R5621

PIN# 58079-0023 (LT)

Searched at: Barrie
LRO #: 51

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	24 09 1822	Crown	Grant POWELL
1449	Deed	25 01 1836	Grant Powell	Anne Jane SEYMOUR
14535	Deed	02 08 1854	Anne Jane Seymour	John LUXSON & Mary LUXSON
14536	Deed	02 08 1854	John Luxson & Mary Luxson	William James SOULES
36850	Deed	26 12 1863	William James Soules	Samuel CRAIG
36851	Mortgage	26 12 1863	Samuel Craig	William ARDAGH (Mortgagee)
938	Deed (Power of Sale)	29 05 1879	William Ardagh (Samuel Craig defaulted in Mtg 36851)	John JOHNSTON
16794	Deed	15 03 1929	John Johnston - Estate	John E. JOHNSTON, Sr.
213298	Deed	22 11 1965	John E. Johnston, Sr.	John E. JOHNSTON, Jr.

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 20292200140
Address: 893 Lockhart Road, Innisfil
Legal Part Lot 25 Con 10 Innisfil
Description: Part 1 51R5621

PIN# 58079-0023 (LT)

Searched at: Barrie
LRO #: 51

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
222387	Deed	27 05 1966	John E. Johnston, Jr.	Raymond J. W. JOHNSTON
347226	Deed	29 12 1970	Raymond J. W. Johnston	Arvella E. JOHNSTON
553054	Deed	15 04 1976	Arvella E. Johnston	Lawrence Dalton Boyd JOHNSTON & Heather Jeannette JOHNSTON
RO916247	Deed	22 08 1986	Lawrence Dalton Boyd Johnston & Heather Jeannette Johnston	Bruce Edward JOHNSON
SC774212	Deed	15 10 2009	Bruce Edward Johnson	Wendy Rebecca CHIN QUAN & Brian CHIN QUAN
SC1134132	Deed	02 06 2014	Wendy Rebecca Chin Quan & Brian Chin Quan	Charanjit Singh TAGERH
SC1612985	Deed (Present Owner)	31 07 2019	Charanjit Singh Tagerh	MMS Lockhart Holdings Inc.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SC424280	2006/03/31	CHARGE		*** COMPLETELY DELETED *** JOHNSON, BRUCE EDWARD	TRIOLO, LEN	
SC425347	2006/04/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** J.T. TUCKER HOLDINGS INC.		
SC427909	2006/04/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL TRUST CORP. OF CANADA		
SC460995	2006/07/25	DISCH OF CHARGE		*** COMPLETELY DELETED *** PEOPLES CREDIT UNION LIMITED		
SC542286	2007/05/10	TRANSFER OF CHARGE		*** COMPLETELY DELETED *** TRIOLO, LEN		
SC651883	2008/06/03	APL DEL EXECUTION	REMARKS: DELETED S/T WRIT NO.S 93-02351 & 97-00434	*** COMPLETELY DELETED *** JOHNSON, BRUCE EDWARD		
SC651884	2008/06/03	CHARGE		*** COMPLETELY DELETED *** JOHNSON, BRUCE EDWARD	B2B TRUST	
SC652141	2008/06/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** 1083018 ONTARIO LIMITED		
SC774212	2009/10/15	TRANSFER		*** COMPLETELY DELETED *** JOHNSON, BRUCE EDWARD	CHIN QUAN, WENDY REBECCA CHIN QUAN, BRIAN	
SC774213	2009/10/15	CHARGE		*** COMPLETELY DELETED *** CHIN QUAN, WENDY REBECCA CHIN QUAN, BRIAN	THE BANK OF NOVA SCOTIA	
SC779968	2009/11/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** B2B TRUST		
REMARKS: RE: SC651884						

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SC783058	2009/11/19	DISCH OF CHARGE		*** COMPLETELY DELETED *** HOME TRUST COMPANY		
SC1134132	2014/06/02	TRANSFER		*** COMPLETELY DELETED *** CHIN QUAN, BRIAN CHIN QUAN, WENDY REBECCA	TAGERH, CHARANJIT SINGH	
SC1134133	2014/06/02	CHARGE		*** COMPLETELY DELETED *** TAGERH, CHARANJIT SINGH	HOME TRUST COMPANY	
SC1134142	2014/06/02	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** TAGERH, CHARANJIT SINGH	HOME TRUST COMPANY	
SC1139560	2014/06/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
SC1411998	2017/05/23	TRANSFER OF CHARGE		*** DELETED AGAINST THIS PROPERTY *** HOME TRUST COMPANY	COMPUTERSHARE TRUST COMPANY OF CANADA/SOCIÉTÉ DE FIDUCIE	
SC1421104	2017/06/16	NOTICE		*** DELETED AGAINST THIS PROPERTY *** HOME TRUST COMPANY	COMPUTERSHARE TRUST COMPANY OF CANADA/SOCIÉTÉ DE FIDUCIE	
SC1496724	2018/03/12	CHARGE		*** COMPLETELY DELETED *** TAGERH, CHARANJIT SINGH	HOME TRUST COMPANY	
SC1508029	2018/05/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** COMPUTERSHARE TRUST COMPANY OF CANADA/SOCIÉTÉ DE FIDUCIE	COMPUTERSHARE TRUST COMPANY OF CANADA	
SC1600586	2019/06/13	TRANSFER OF CHARGE		*** DELETED AGAINST THIS PROPERTY *** HOME TRUST COMPANY	COMPUTERSHARE TRUST COMPANY OF CANADA	
SC1612985	2019/07/31	TRANSFER	\$760,000	TAGERH, CHARANJIT SINGH	MMS LOCKHART HOLDINGS INC.	C

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* 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
SCI621502	2019/09/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** COMPUTERSHARE TRUST COMPANY OF CANADA		
REMARKS: SCI496724.						

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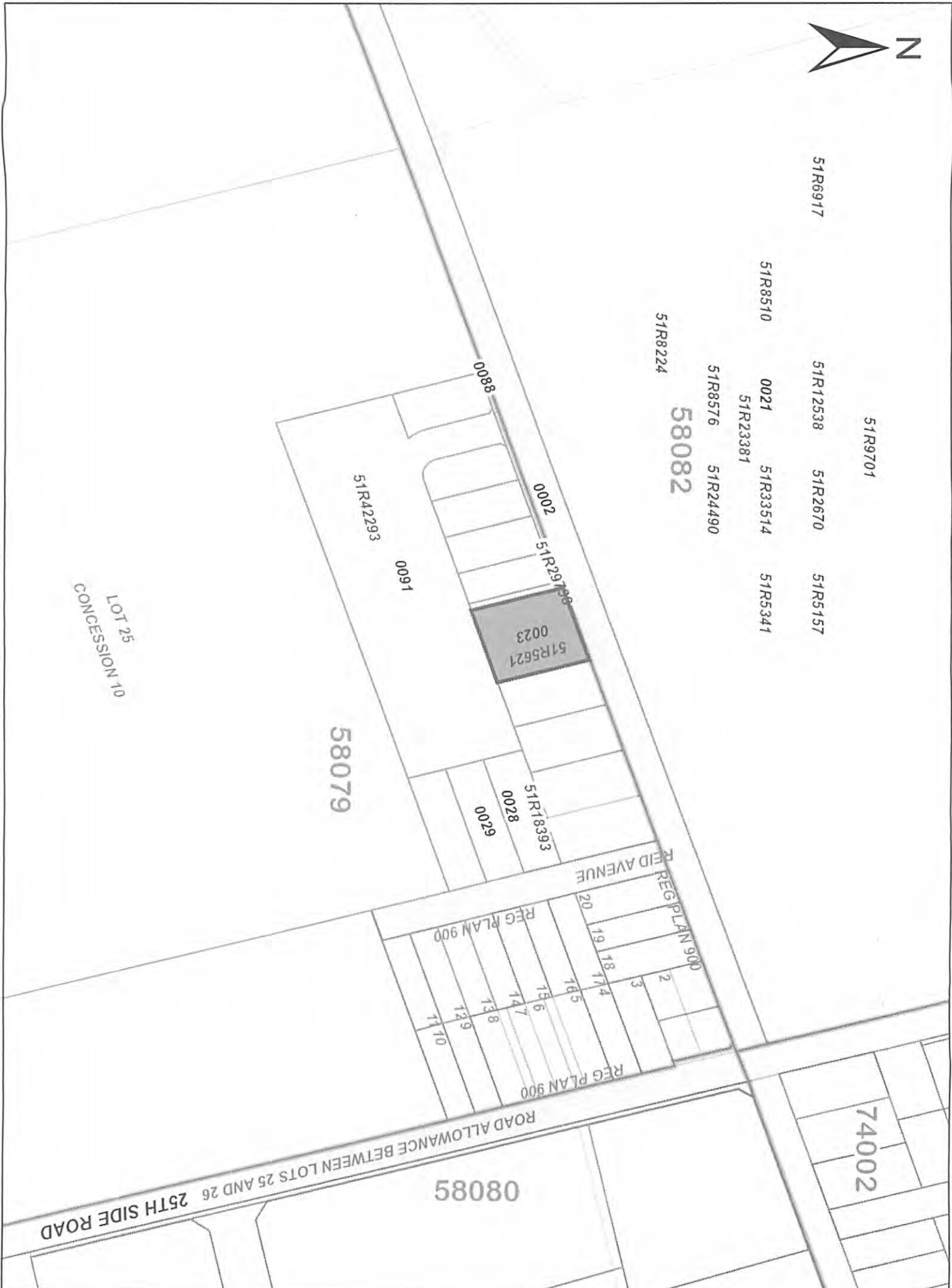


51R9701
51R6917
51R12538
51R2670
51R5157

51R8510
0021
51R33514
51R5341
51R23381

51R8576
51R24490

51R8224
58082



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PROPERTY INDEX MAP
SIMCOE(No. 51)

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
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FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
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ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project # 20292200140
Address: 911 Lockhart Road, Innisfil
Legal Part Lot 25 Con 10 Innisfil
Description: as in RO1402109
Except Parts 1 to 7 51R29738
PIN# 58079-0091 (LT)

Searched at: Barrie
LRO #: 51

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
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213798	Deed	22 11 1965	John E. Johnston, Sr.	John E. JOHNSTON, Jr.

Cont'd on Page 2

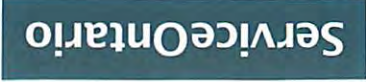
CHAIN OF TITLE REPORT

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Searched at: Barrie
LRO #: 51

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
222387	Deed	27 05 1966	John E. Johnston, Jr.	Raymond J. W. JOHNSTON
RO1402109	Deed	15 01 1999	Raymond J. W. Johnston	829781 Ontario Limited
SC1338047	Deed	31 08 2016	829781 Ontario Limited	Soheil FAYAZ ESFAHANI & Mohamad-Ali FAYAZ-ESFAHANI
SC1661166	Deed (Present Owner)	11 02 2020	Soheil Fayaz Esfahani & Mohamad-Ali Fayaz-Esfahani	MMS Lockhart Holdings Inc.



PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

OWNERS' NAMES

MMS LOCKHART HOLDINGS INC.

RECENTLY:

DIVISION FROM 58079-0089

PIN CREATION DATE:
2008/06/05

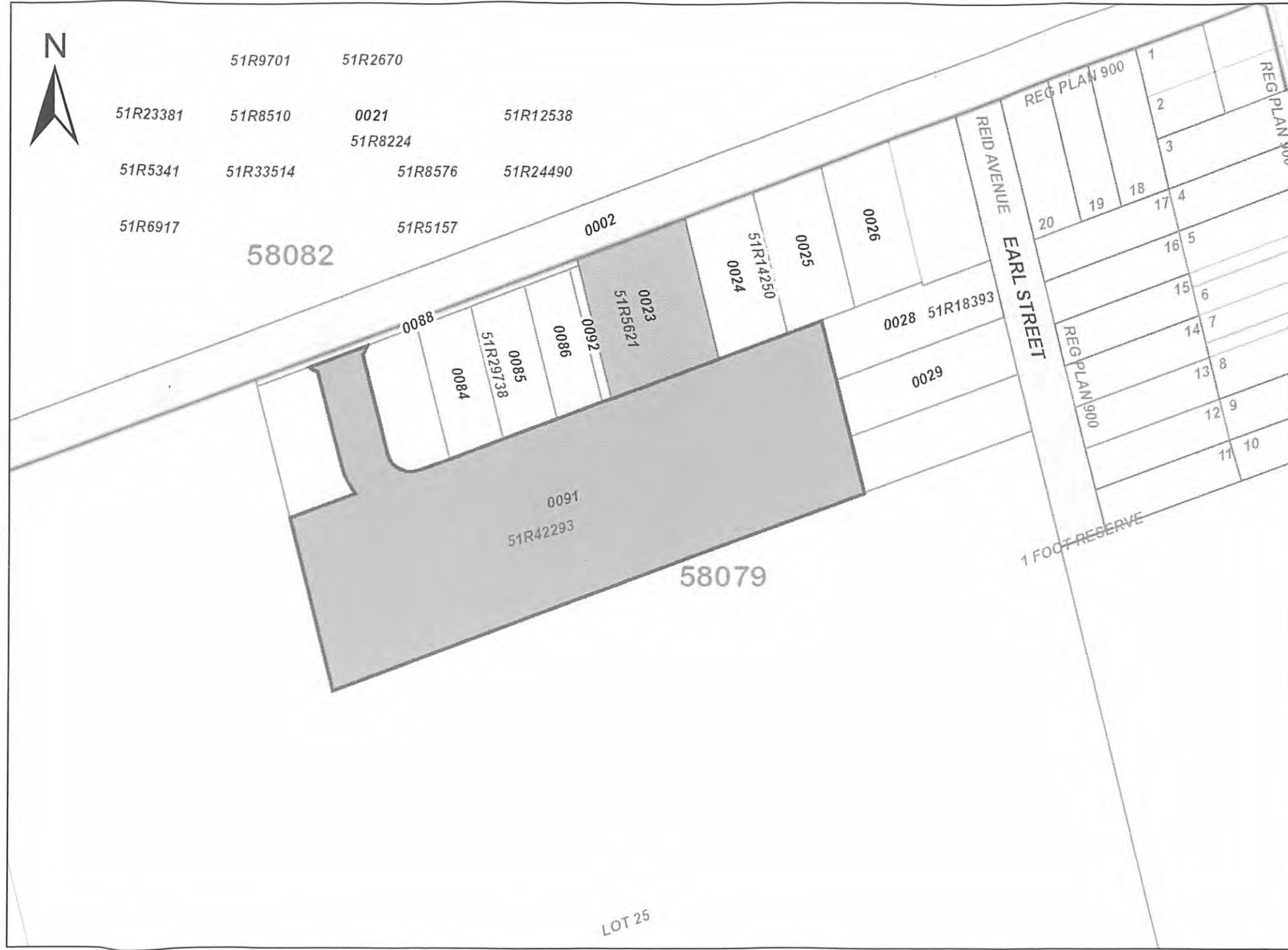
PT LT 25 CON 10 INNISFIL AS IN R01402109 EXCEPT PTS 1 TO 7 51R29738; INNISFIL

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2008/06/05 **						
**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: 1999/11/22 **						
R01402109	1999/01/15	TRANSFER				
51R29738	2000/08/30	PLAN REFERENCE			829781 ONTARIO LIMITED	C
51R30854	2001/12/11	PLAN REFERENCE				C
SC251115	2004/08/12	CHARGE				
SC814574	2010/04/23	LIEN			TOM MURPHY LIMITED	
SC1098259	2013/11/12	CERTIFICATE				
REMARKS: TAX AREAS CERTIFICATE						
REMARKS: INCOME TAX ACT						
*** COMPLETELY DELETED ***						
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY						
THE MINISTER OF NATIONAL REVENUE						
*** COMPLETELY DELETED ***						
BREWER, LYNNDON						
BREWER, LYNN						
*** DELETED AGAINST THIS PROPERTY ***						
*** DELETED AGAINST THIS PROPERTY ***						
THE CORPORATION OF THE TOWN OF INNISFIL						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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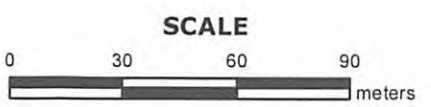
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SCI164803	2014/10/02	APL (GENERAL)		*** COMPLETELY DELETED *** THE CORPORATION OF THE TOWN OF INNISFIL		
REMARKS: - DELETES TAX ARREARS SCI1098259						
SCI334501	2016/08/22	LR'S ORDER		*** COMPLETELY DELETED *** LAND REGISTRAR, SIMCOE COUNTY LAND REGISTRY OFFICE		
REMARKS: DELETES SC251115						
SCI338047	2016/08/31	TRANSFER		*** COMPLETELY DELETED *** 829781 ONTARIO LIMITED	FAYAZ ESFAHANI, SOHEIL FAYAZ-ESFAHANI, MOHAMAD-ALI	
REMARKS: PLANNING ACT STATEMENTS.						
SCI343925	2016/09/20	DISCHARGE INTEREST		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
REMARKS: SC814574.						
SCI439962	2017/08/11	DIR TITLES ORDER		*** COMPLETELY DELETED *** DIRECTOR OF TITLES		
51R42293	2019/11/26	PLAN REFERENCE				C
SCI661166	2020/02/11	TRANSFER	\$350,000	FAYAZ ESFAHANI, SOHEIL FAYAZ-ESFAHANI, MOHAMAD-ALI	MMS LOCKHART HOLDINGS INC.	C

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PROPERTY INDEX MAP SIMCOE(No. 51)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED





DATABASE REPORT

Project Property: *Phase One ESA - 893 and 911 Lockhart Road, Innisfil, Ontario
893 and 911 Lockhart Road
Innisfil, Ontario ON L9S 1M9*

Project No:

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

Order No: *20292200140*

Requested by: *WSP Canada Inc.*

Date Completed: *September 25, 2020*

Environmental Risk Information Services

A division of Glacier Media Inc.

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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: *Phase One ESA - 893 and 911 Lockhart Road, Innisfil, Ontario
893 and 911 Lockhart Road Innisfil, Ontario ON L9S 1M9*

Project No:

Order Information:

Order No: *20292200140*
Date Requested: *September 22, 2020*
Requested by: *WSP Canada Inc.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs *Aerials - National Collection*
City Directory Search *CD - Subject Site plus 5 Adjacent Properties*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*
Land Title Search *Historical Land Title Search*

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
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	7	7
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	23	25
Total:			2	37	39

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>
<u>1</u>	WWIS		lot 25 con 10 ON <i>Well ID:</i> 5735464	NW/0.0	0.00	<u>19</u>
<u>2</u>	WWIS		lot 25 con 10 ON <i>Well ID:</i> 5722353	NNE/0.0	-2.52	<u>22</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u>	SPL	Sandy Cove Acres<UNOFFICIAL>	22 FLORA COURT<UNOFFICIAL> Innisfil ON L9S 1R4	W/25.1	0.36	<u>25</u>
<u>4</u>	WWIS		lot 25 con 10 ON Well ID: 5721810	NE/34.3	-3.71	<u>26</u>
<u>5</u>	WWIS		FLORA CR lot 24 con 10 Innisfil ON Well ID: 7187193	WSW/37.4	1.92	<u>29</u>
<u>6</u>	WWIS		FLORA CRT lot 24 con 10 Innisfil ON Well ID: 7187195	WSW/39.3	1.92	<u>31</u>
<u>7</u>	WWIS		lot 25 con 10 ON Well ID: 5708192	WSW/39.7	1.92	<u>33</u>
<u>8</u>	WWIS		lot 25 con 10 ON Well ID: 5708194	WSW/40.1	1.92	<u>37</u>
<u>9</u>	SPL	SANDY COVE ACRES	SANDY COVE ACRES RETIREMENT HOME AT 908 LOCKHART NEAR STROUD. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>41</u>
<u>9</u>	SPL	SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>41</u>
<u>9</u>	SPL	SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>42</u>
<u>9</u>	SPL	SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>42</u>
<u>9</u>	SPL	SANDYCOVE ACRES LTD	908 LOCKHART ROAD & PARKETTE GRASS. SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>43</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>9</u>	SPL	PRIVATE BUSINESS	SANDY COVE ACRES, 908 LOCKHART RD WATERMAIN INNISFIL TOWN ON L9S 3G7	NW/43.3	-2.64	<u>43</u>
<u>10</u>	WWIS		lot 4 con 10 ON Well ID: 5736524	ENE/46.6	-4.69	<u>44</u>
<u>11</u>	WWIS		2979 EAST STREET Innisfil ON Well ID: 7315674	ENE/102.5	-5.31	<u>47</u>
<u>12</u>	WWIS		EAST STREET Innisfil ON Well ID: 7315673	E/104.2	-4.97	<u>54</u>
<u>13</u>	WWIS		2983 EAST STREET Innisfil ON Well ID: 7315675	ENE/105.9	-5.79	<u>60</u>
<u>14</u>	WWIS		lot 25 con 11 ON Well ID: 5710889	NE/139.6	-7.00	<u>67</u>
<u>15</u>	PINC		42 HAWTHORNE DR, INNISFIL ON	SSW/171.8	8.00	<u>70</u>
<u>16</u>	EHS		Lockhart Rd 7 25 Sideroad Innisfil ON	SE/176.2	1.44	<u>71</u>
<u>17</u>	WWIS		lot 25 con 10 ON Well ID: 5711616	E/187.7	-7.50	<u>71</u>
<u>18</u>	WWIS		lot 4 con 10 ON Well ID: 5736903	ENE/192.5	-8.15	<u>75</u>
<u>19</u>	WWIS		lot 24 con 10 ON Well ID: 5708191	WSW/196.4	5.72	<u>79</u>
<u>20</u>	WWIS		lot 25 con 10 ON Well ID: 5710848	ENE/197.7	-7.40	<u>81</u>
<u>21</u>	GEN	439912 Ontario Ltd.	2988 25th side road innisfil ON L9S 3T6	ENE/199.7	-8.03	<u>85</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	GEN	439912 Ontario Ltd.	2988 25th side road innisfil ON L9S 3T6	ENE/199.7	-8.03	<u>86</u>
<u>22</u>	ECA	INNSERVICES UTILITIES INC.	2996 25th Sideroad 988 Lockhart Road Innisfil ON L9S 1A1	ENE/202.2	-8.15	<u>86</u>
<u>23</u>	WWIS		lot 25 con 10 ON Well ID: 5724907	E/208.2	-7.40	<u>86</u>
<u>24</u>	WWIS		lot 25 con 10 ON Well ID: 5736901	ESE/213.1	-6.69	<u>89</u>
<u>25</u>	WWIS		lot 4 con 10 ON Well ID: 5736902	ENE/213.1	-8.03	<u>94</u>
<u>26</u>	WWIS		lot 25 con 10 ON Well ID: 5708245	ENE/214.1	-8.00	<u>98</u>
<u>27</u>	WWIS		lot 25 con 10 ON Well ID: 5735975	ENE/216.8	-8.03	<u>102</u>
<u>28</u>	WWIS		lot 24 con 10 ON Well ID: 5708195	WSW/221.0	4.92	<u>106</u>
<u>29</u>	WWIS		lot 25 con 10 ON Well ID: 5715124	ESE/222.1	-5.69	<u>109</u>
<u>30</u>	WWIS		2964 25 SIDEROAD Innisfil ON Well ID: 7226274	E/223.0	-8.00	<u>112</u>
<u>31</u>	ECA	BELMAC ESTATE PROPERTIES INC.	ON	ESE/227.1	-3.92	<u>115</u>
<u>31</u>	ECA	BELMAC ESTATE PROPERTIES INC.	ON	ESE/227.1	-3.92	<u>115</u>
<u>32</u>	WWIS		lot 25 con 11 ON	ENE/241.1	-8.00	<u>115</u>

<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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Well ID: 5724107

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Aug 31, 2020 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
INNSERVICES UTILITIES INC.	2996 25th Sideroad 988 Lockhart Road Innisfil ON L9S 1A1	202.2	<u>22</u>
BELMAC ESTATE PROPERTIES INC.	ON	227.1	<u>31</u>
BELMAC ESTATE PROPERTIES INC.	ON	227.1	<u>31</u>

EHS - ERIS Historical Searches

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Lockhart Rd 7 25 Sideroad Innisfil ON	176.2	<u>16</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
439912 Ontario Ltd.	2988 25th side road innisfil ON L9S 3T6	199.7	<u>21</u>
439912 Ontario Ltd.	2988 25th side road innisfil ON L9S 3T6	199.7	<u>21</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	42 HAWTHORNE DR, INNISFIL ON	171.8	<u>15</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sandy Cove Acres<UNOFFICIAL>	22 FLORA COURT<UNOFFICIAL> Innisfil ON L9S 1R4	25.1	<u>3</u>
PRIVATE BUSINESS	SANDY COVE ACRES, 908 LOCKHART RD WATERMAIN INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>
SANDYCOVE ACRES LTD	908 LOCKHART ROAD & PARKETTE GRASS. SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>
SANDY COVE ACRES	SANDY COVE ACRES RETIREMENT HOME AT 908 LOCKHART NEAR STROUD. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>
SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>
SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SANDYCOVE ACRES LTD	908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	43.3	<u>9</u>

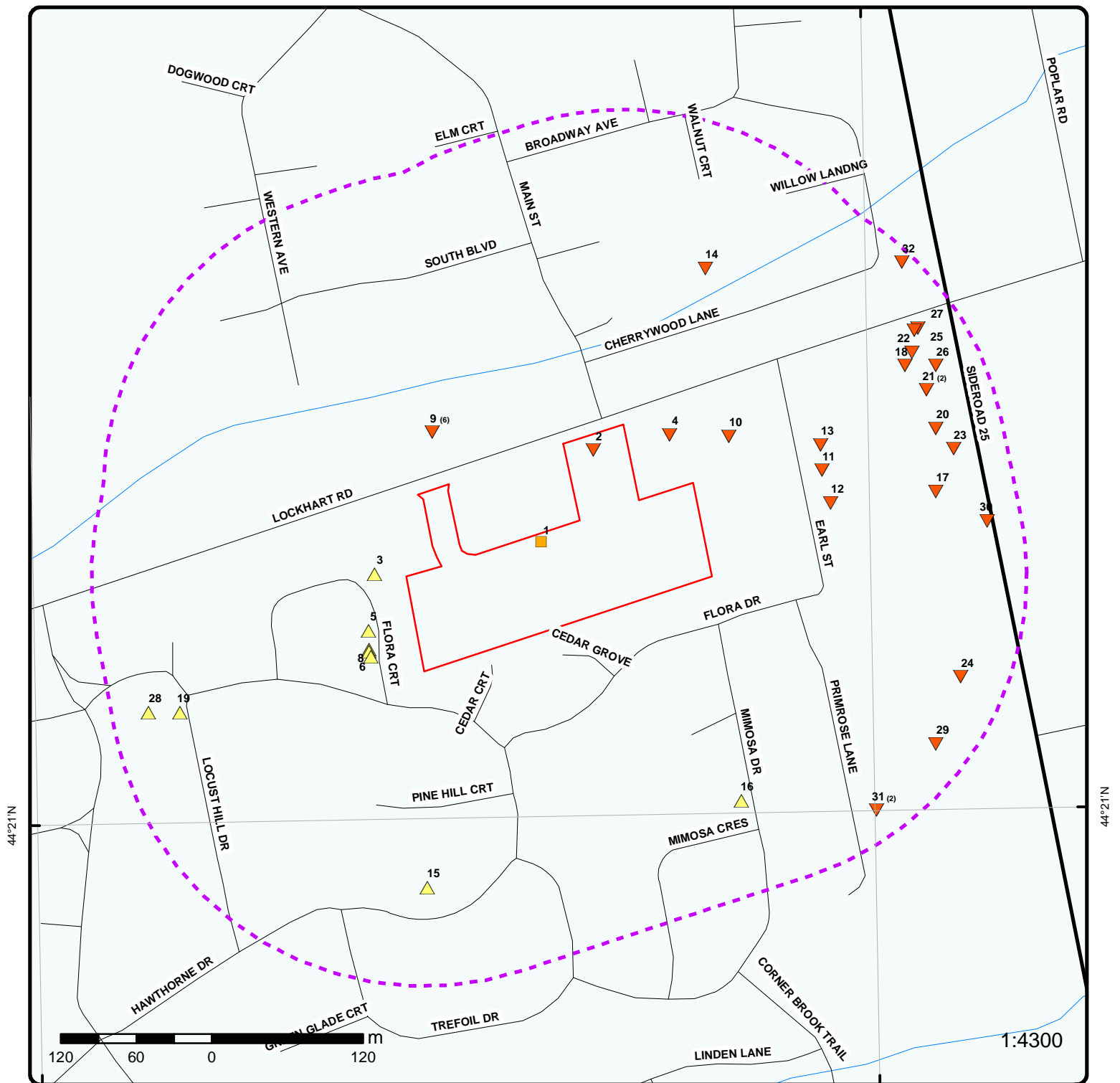
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 25 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 10 ON <i>Well ID: 5735464</i>	0.0	<u>1</u>
	lot 25 con 10 ON <i>Well ID: 5722353</i>	0.0	<u>2</u>
	lot 25 con 10 ON <i>Well ID: 5721810</i>	34.3	<u>4</u>
	FLORA CR lot 24 con 10 Innisfil ON <i>Well ID: 7187193</i>	37.4	<u>5</u>
	FLORA CRT lot 24 con 10 Innisfil ON <i>Well ID: 7187195</i>	39.3	<u>6</u>
	lot 25 con 10 ON <i>Well ID: 5708192</i>	39.7	<u>7</u>
	lot 25 con 10 ON <i>Well ID: 5708194</i>	40.1	<u>8</u>
	lot 4 con 10 ON <i>Well ID: 5736524</i>	46.6	<u>10</u>
	2979 EAST STREET Innisfil ON	102.5	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 7315674		
	EAST STREET Innisfil ON	104.2	<u>12</u>
	Well ID: 7315673		
	2983 EAST STREET Innisfil ON	105.9	<u>13</u>
	Well ID: 7315675		
	lot 25 con 11 ON	139.6	<u>14</u>
	Well ID: 5710889		
	lot 25 con 10 ON	187.7	<u>17</u>
	Well ID: 5711616		
	lot 4 con 10 ON	192.5	<u>18</u>
	Well ID: 5736903		
	lot 24 con 10 ON	196.4	<u>19</u>
	Well ID: 5708191		
	lot 25 con 10 ON	197.7	<u>20</u>
	Well ID: 5710848		
	lot 25 con 10 ON	208.2	<u>23</u>
	Well ID: 5724907		
	lot 25 con 10 ON	213.1	<u>24</u>
	Well ID: 5736901		
	lot 4 con 10 ON	213.1	<u>25</u>
	Well ID: 5736902		
	lot 25 con 10 ON	214.1	<u>26</u>
	Well ID: 5708245		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 10 ON <i>Well ID: 5735975</i>	216.8	<u>27</u>
	lot 24 con 10 ON <i>Well ID: 5708195</i>	221.0	<u>28</u>
	lot 25 con 10 ON <i>Well ID: 5715124</i>	222.1	<u>29</u>
	2964 25 SIDEROAD Innisfil ON <i>Well ID: 7226274</i>	223.0	<u>30</u>
	lot 25 con 11 ON <i>Well ID: 5724107</i>	241.1	<u>32</u>



Map : 0.25 Kilometer Radius

Order Number: 20292200140

Address: 893 and 911 Lockhart Road, Innisfil, Ontario, ON



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

79°33'W

44°21'N

44°21'N



Aerial

Year: 2019

Address: 893 and 911 Lockhart Road, Innisfil, Ontario, ON

Source: ESRI World Imagery

Order Number: 20292200140

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



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79°34'30"W

79°33'W

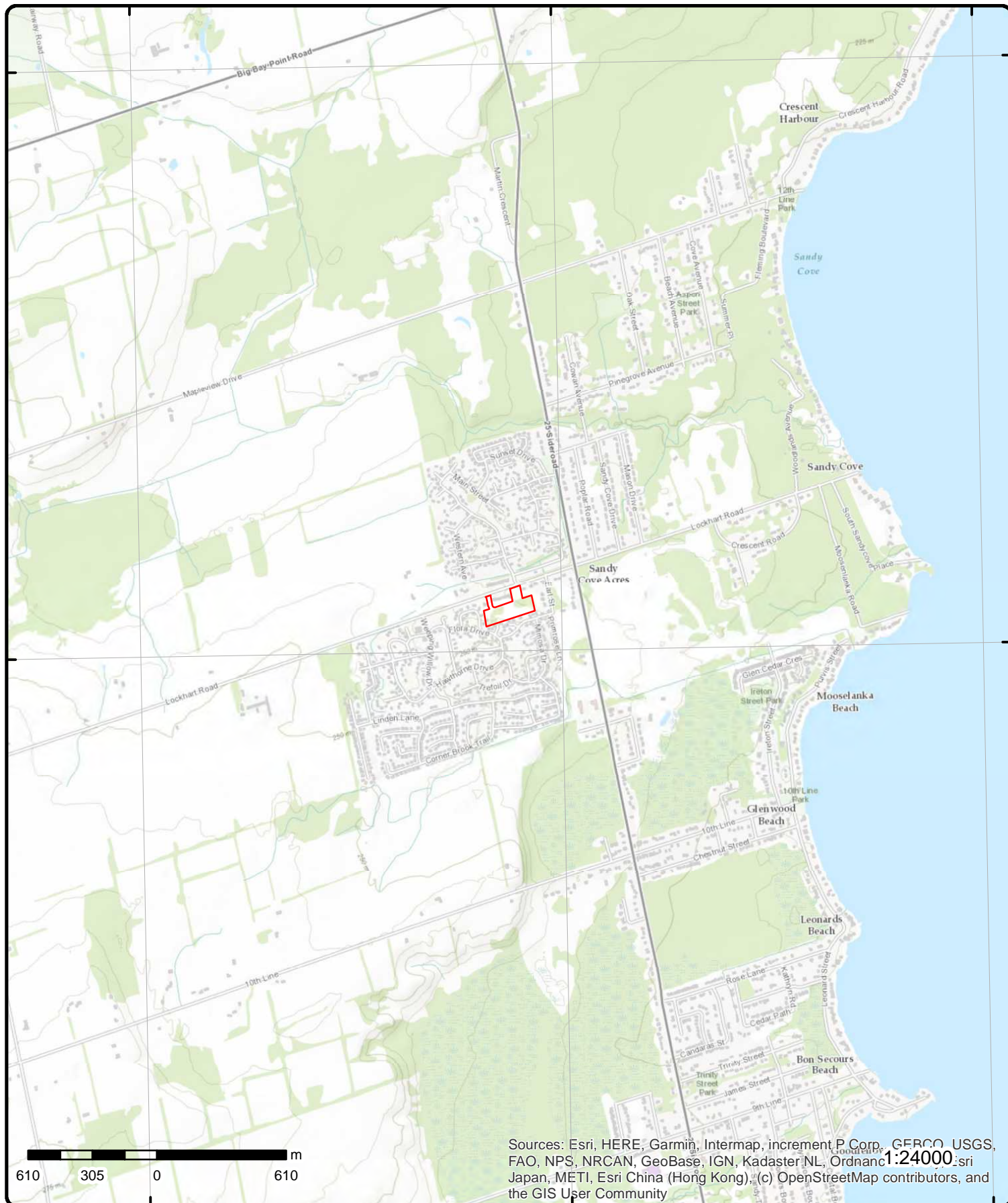
79°31'30"W

44°22'30"N

44°22'30"N

44°21'N

44°21'N



Topographic Map

Address: 893 and 911 Lockhart Road, ON

Source: ESRI World Topographic Map

Order Number: 20292200140



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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1	1 of 1	NW/0.0	242.9 / 0.00	lot 25 con 10 ON	WWIS
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Well ID:	5735464	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/21/2000
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	6782
Casing Material:		Form Version:	1
Audit No:	206485	Owner:	
Tag:		Street Name:	
Construction Method:		County:	SIMCOE
Elevation (m):		Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	025
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573/5735464.pdf

Bore Hole Information

Bore Hole ID:	10412994	Elevation:	242.939636
DP2BR:		Elevrc:	
Spatial Status:	Improved	Zone:	17
Code OB:	o	East83:	615301
Code OB Desc:	Overburden	North83:	4911983
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	5
Date Completed:	8/2/2000	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	
Elevrc Desc:			
Location Source Date:	May 2005		
Improvement Location Source:	MG02SEVNorth Simcoe GW Study. Source Database file(\\.....\GWStudies\2001_2002\North Simcoe\Disc 5 - Base Mapping files and WWIS files\WELL_RECORD_DATABASE\ SIMCOE_EFX_2000.mdb)		
Improvement Location Method:	Map		
Source Revision Comment:	DHL Location Contract		
Supplier Comment:	No UTMRC in wwr_original table. GWS record has a changed location with proper documentation of method and accuracy.;EFX;;Map;<100m;DHL Location Contract		

Overburden and Bedrock

Materials Interval

Formation ID:	932413884
Layer:	3
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		43			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932413882			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932413883			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		14			
Formation End Depth:		43			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933197839			
Layer:		1			
Plug From:		0			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965735464			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10961564			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930668600			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930668601			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933380510			
Layer:		1			
Slot:		014			
Screen Top Depth:		55			
Screen End Depth:		58			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995735464			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:		38			
Recommended Pump Depth:		53			
Pumping Rate:		6			
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:		3			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test Detail ID:		934317936			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		38			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934849251			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		38			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935107411			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		38			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592779			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		38			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933895639			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		43			
Water Found Depth UOM:		ft			
<hr/>					
<u>2</u>	1 of 1	NNE/0.0	240.3 / -2.52	lot 25 con 10 ON	WWIS
Well ID:	5722353			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/2/1987
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3413
Casing Material:				Form Version:	1
Audit No:	06335			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5722353.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10399971			Elevation:	240.497314
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	615342.4
Code OB Desc:	Overburden			North83:	4912056
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/23/1986			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
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:	932350334				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	10				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932350335				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	25				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932350333				

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:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965722353			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10948541			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930652293			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		10			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930652294			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		30			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995722353			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		25			
Recommended Pump Depth:		25			
Pumping Rate:		25			
Flowing Rate:					
Recommended Pump Rate:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method: 2					
Pumping Duration HR: 1					
Pumping Duration MIN: 30					
Flowing: No					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934312110					
Test Type: Recovery					
Test Duration: 15					
Test Level: 24					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934837048					
Test Type: Recovery					
Test Duration: 45					
Test Level: 21					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 935094228					
Test Type: Recovery					
Test Duration: 60					
Test Level: 19					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934569165					
Test Type: Recovery					
Test Duration: 30					
Test Level: 22					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933882157					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 28					
Water Found Depth UOM: ft					
3	1 of 1	W/25.1	243.2 / 0.36	Sandy Cove Acres<UNOFFICIAL> 22 FLORA COURT<UNOFFICIAL> Innisfil ON L9S 1R4	SPL
Ref No:	6080-5QZK3W	Discharger Report:			
Site No:		Material Group: Waste			
Incident Dt:	9/2/2003	Health/Env Conseq:			
Year:		Client Type:			
Incident Cause:		Sector Type: Sewage Treatment			
Incident Event:		Agency Involved:			
Contaminant Code:	44	Nearest Watercourse:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
accuracy.;EFX;;Map;<100m;DHL Location Contract					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932348041			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932348043			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		28			
Formation End Depth:		37			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932348040			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932348042			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933188260			
Layer:		1			
Plug From:		0			
Plug To:		12			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965721810			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10948004			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930651620			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		37			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930651619			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		17			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995721810			
Pump Set At:					
Static Level:		17			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Level After Pumping:	30				
Recommended Pump Depth:	33				
Pumping Rate:	15				
Flowing Rate:					
Recommended Pump Rate:	8				
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:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934834830				
Test Type:					
Test Duration:	45				
Test Level:	23				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935092550				
Test Type:					
Test Duration:	60				
Test Level:	22				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934576257				
Test Type:					
Test Duration:	30				
Test Level:	24				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934310995				
Test Type:					
Test Duration:	15				
Test Level:	25				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	933881601				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	28				
Water Found Depth UOM:	ft				
<hr/>					
<u>5</u>	1 of 1	WSW/37.4	244.8 / 1.92	FLORA CR lot 24 con 10 Innisfil ON	WWIS
Well ID:	7187193			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Public			Date Received:	9/17/2012

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:			Selected Flag: Yes		
Final Well Status: Abandoned-Other			Abandonment Rec: Yes		
Water Type:			Contractor: 7221		
Casing Material:			Form Version: 7		
Audit No: Z143757			Owner:		
Tag:			Street Name: FLORA CR		
Construction Method:			County: SIMCOE		
Elevation (m):			Municipality: INNISFIL TOWNSHIP		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot: 024		
Well Depth:			Concession: 10		
Overburden/Bedrock:			Concession Name: CON		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187193.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: 1004155698			Elevation: 245.307037		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 17		
Code OB:			East83: 615164		
Code OB Desc:			North83: 4911913		
Open Hole:			Org CS: UTM83		
Cluster Kind:			UTMRC: 4		
Date Completed: 8/21/2012			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>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1004398707					
Layer: 1					
Plug From: 64.5					
Plug To: 2					
Plug Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1004398708					
Layer: 2					
Plug From: 2					
Plug To: 0					
Plug Depth UOM: ft					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1004398706					
Method Construction Code:					
Method Construction:					

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

Pipe Information

Pipe ID: 1004398699
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004398703
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 11
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004398704
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004398702
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004398701
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

<u>6</u>	1 of 1	WSW/39.3	244.8 / 1.92	FLORA CRT lot 24 con 10 Innisfil ON	WWIS
Well ID:	7187195			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Public			Date Received:	9/17/2012
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	7221
Casing Material:				Form Version:	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Audit No:	Z143756			Owner:	
Tag:				Street Name:	FLORA CRT
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<hr/>					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187195.pdf				
<hr/>					
<u>Bore Hole Information</u>					
<hr/>					
Bore Hole ID:	1004155704			Elevation:	245.627502
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615166
Code OB Desc:				North83:	4911892
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/21/2012			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:					
<hr/>					
<u>Annular Space/Abandonment Sealing Record</u>					
<hr/>					
Plug ID:	1004398728				
Layer:	2				
Plug From:	2				
Plug To:	0				
Plug Depth UOM:	ft				
<hr/>					
<u>Annular Space/Abandonment Sealing Record</u>					
<hr/>					
Plug ID:	1004398727				
Layer:	1				
Plug From:	71.5				
Plug To:	2				
Plug Depth UOM:	ft				
<hr/>					
<u>Method of Construction & Well Use</u>					
<hr/>					
Method Construction ID:	1004398726				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<hr/>					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pipe ID:		1004398719			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004398723			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1004398724			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Water Details</u>					
Water ID:		1004398722			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1004398721			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
7	1 of 1	WSW/39.7	244.8 / 1.92	lot 25 con 10 ON	WWIS
Well ID:	5708192			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Not Used			Date Received:	9/20/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	5206
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5708192.pdf

Bore Hole Information

Bore Hole ID:	10386025	Elevation:	245.548721
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	615164.4
Code OB Desc:	Overburden	North83:	4911898
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/15/1971	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:			

Overburden and Bedrock Materials Interval

Formation ID:	932288808
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	49
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932288809
Layer:	4
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	49
Formation End Depth:	60
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288806			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288810			
Layer:		5			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288807			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965708192			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10934595			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930635344			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933366174			
Layer:		1			
Slot:		020			
Screen Top Depth:		49			
Screen End Depth:		58			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995708192			
Pump Set At:					
Static Level:		31			
Final Level After Pumping:		46			
Recommended Pump Depth:		60			
Pumping Rate:		35			
Flowing Rate:					
Recommended Pump Rate:		35			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934564273			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934814470			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		34			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934296715				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	35				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935080779				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	33				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933867757				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	49				
Water Found Depth UOM:	ft				
<hr/>					
8	1 of 1	WSW/40.1	244.8 / 1.92	lot 25 con 10 ON	WWIS
Well ID:	5708194			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Not Used			Date Received:	9/20/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	5206
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5708194.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10386027			Elevation:	245.57788
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	615164.4
Code OB Desc:	Overburden			North83:	4911896
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	7/15/1971			UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		932288817			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932288821			
Layer:		5			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		68			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932288820			
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58			
Formation End Depth:		68			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		932288819			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288818			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18			
Formation End Depth:		21			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965708194			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10934597			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930635346			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933366176			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		020			
Screen Top Depth:		49			
Screen End Depth:		58			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995708194			
Pump Set At:					
Static Level:		31			
Final Level After Pumping:		46			
Recommended Pump Depth:		60			
Pumping Rate:		35			
Flowing Rate:					
Recommended Pump Rate:		35			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934814471			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935080780			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		33			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934564274			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934296716			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		35			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		933867759 1 1 FRESH 58 ft			
9	1 of 6	NW/43.3	240.2 / -2.64	SANDY COVE ACRES SANDY COVE ACRES RETIREMENT HOME AT 908 LOCKHART NEAR STROUD. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON L9S 3G7	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		148634 10/30/1997 CONTAINER OVERFLOW NOT ANTICIPATED LAND EQUIPMENT FAILURE	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	70409	
		SANDY COVE ACRES- 100 L SEWAGE TO CEMENT PAD, CONTAINED, CLEANED.			
9	2 of 6	NW/43.3	240.2 / -2.64	SANDYCOVE ACRES LTD 908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:		200672 5/15/2001 PIPE/HOSE LEAK Possible Soil contamination Land 5/15/2001	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	70409	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Reason: UNKNOWN Source Type: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SANDYCOVE ACRES:BROKEN SEWER PIPE #2 LOCUST HILL, CLEANING UP Contaminant Qty:					
9	3 of 6	NW/43.3	240.2 / -2.64	SANDYCOVE ACRES LTD 908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	SPL
Ref No: 207739 Discharger Report: Site No: Material Group: Incident Dt: 8/3/2001 Health/Env Conseq: Year: Client Type: Incident Cause: OTHER CAUSE (N.O.S.) Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: Possible Site Municipality: 70409 Nature of Impact: Soil contamination Site Lot: Receiving Medium: Land Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 8/3/2001 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: EQUIPMENT FAILURE Source Type: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SANDYCOVE ACRES: SEWAGE OVERFLOW FROM MANHOLE TO GROUND. CLEANED UP. Contaminant Qty:					
9	4 of 6	NW/43.3	240.2 / -2.64	SANDYCOVE ACRES LTD 908 LOCKHART ROAD SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	SPL
Ref No: 222985 Discharger Report: Site No: Material Group: Incident Dt: 3/10/2002 Health/Env Conseq: Year: Client Type: Incident Cause: OTHER CAUSE (N.O.S.) Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 70409 Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 3/10/2002 Site Map Datum: Dt Document Closed: SAC Action Class:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Reason: EQUIPMENT FAILURE Source Type: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SANDYCOVE ACRES: SEWAGE OVERFLOW FROM MANHOLE TO GROUND. CLEANED UP. Contaminant Qty:					
9	5 of 6	NW/43.3	240.2 / -2.64	SANDYCOVE ACRES LTD 908 LOCKHART ROAD & PARKETTE GRASS. SEWER SYSTEM, LOCKHART RD, INNISFIL (705) 436-1571 INNISFIL TOWN ON L9S 3G7	SPL
Ref No: 230502 Discharger Report: Site No: Material Group: Incident Dt: 7/3/2002 Health/Env Conseq: Year: Client Type: Incident Cause: VALVE/FITTING LEAK OR FAILURE Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 70409 Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 7/3/2002 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: EQUIPMENT FAILURE Source Type: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SANDYCOVE ACRES: 20 L RAWSEWAGE TO GRASS WHEN UN- PLUGGING SANITARY MANHOLE Contaminant Qty:					
9	6 of 6	NW/43.3	240.2 / -2.64	PRIVATE BUSINESS SANDY COVE ACRES, 908 LOCKHART RD WATERMAIN INNISFIL TOWN ON L9S 3G7	SPL
Ref No: 230654 Discharger Report: Site No: Material Group: Incident Dt: 7/4/2002 Health/Env Conseq: Year: Client Type: Incident Cause: PIPE/HOSE LEAK Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 70409 Nature of Impact: Water course or lake Site Lot: Receiving Medium: LAND, WATER Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 7/4/2002 Site Map Datum:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt Document Closed: Incident Reason: MATERIAL FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SANDY COVE ACRES:BROKEN FORCE MAIN, RAW SEWAGE TO SMALL CREEK NEARBY Contaminant Qty:					
SAC Action Class: Source Type:					
10	1 of 1	ENE/46.6	238.2 / -4.69	lot 4 con 10 ON	WWIS
Well ID: 5736524 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 226346 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: 1 Date Received: 12/17/2001 Selected Flag: Yes Abandonment Rec: Contractor: 7143 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: INNISFIL TOWNSHIP Site Info: Lot: 004 Concession: 10 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736524.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10522073 DP2BR: Spatial Status: Improved Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 11/15/2001 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: 1999-2004 MOE Water Well Data Improvement Project Improvement Location Method: GIS Source Revision Comment: Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).1 measurement, used road names Supplier Comment: Determined to be an improvement rather than a Lot Centroid in December 2009.					
Elevation: 239.387786 Elevrc: Zone: 17 East83: 615450 North83: 4912067 Org CS: N83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932851362 Layer: 1 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851365			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		31			
Mat2 Desc:		COARSE GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		45			
Formation End Depth:		49			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851364			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		30			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851363			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		933224012			
Layer:		1			
Plug From:		0			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736524			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11070643			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930669918			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930669917			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933401563			
Layer:		1			
Slot:		001			
Screen Top Depth:		44			
Screen End Depth:		48			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995736524			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Static Level:	30				
Final Level After Pumping:					
Recommended Pump Depth:	43				
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:	2				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	934014442				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	45				
Water Found Depth UOM:	ft				
<hr/>					
11	1 of 1	ENE/102.5	237.5 / -5.31	2979 EAST STREET Innisfil ON	WWIS
Well ID:	7315674			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/1/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3413
Casing Material:				Form Version:	7
Audit No:	Z276240			Owner:	
Tag:	A240059			Street Name:	2979 EAST STREET
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7315674.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1007232152			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615524
Code OB Desc:				North83:	4912040
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/18/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007477991			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36			
Formation End Depth:		56			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007477989			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		12			
Most Common Material:		STONES			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0			
Formation End Depth:		29			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007477990			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		29			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1007478025			
Layer:		1			
Plug From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007478024			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AIR ROTARY			
<u>Pipe Information</u>					
Pipe ID:		1007477987			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007477995			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		36			
Depth To:		56			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1007477994			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007477996			
Layer:		1			
Slot:		14			
Screen Top Depth:		32			
Screen End Depth:		36			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007477988			
Pump Set At:		54			
Static Level:		19			
Final Level After Pumping:		21.6			
Recommended Pump Depth:		40			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		10			
Flowing Rate:		0			
Recommended Pump Rate:		10			
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478007			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477998			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477999			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		21.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478008			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		19.3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478003			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478002			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		19.7			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478000			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478006			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		19.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478010			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478011			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478017			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478009			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478014			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478022			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		60			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478001			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478018			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477997			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		21.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478012			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478016			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478015			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478020			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		19.2			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478021			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478005			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478019			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478004			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		19.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478013			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1007477993			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007477992			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	E/104.2	237.9 / -4.97	EAST STREET Innisfil ON	WWIS
<div> <div> Well ID: 7315673 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z276239 Tag: A240060 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: </div> <div> Data Entry Status: Data Src: Date Received: 8/1/2018 Selected Flag: Yes Abandonment Rec: Contractor: 3413 Form Version: 7 Owner: Street Name: EAST STREET County: SIMCOE Municipality: INNISFIL TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7315673.pdf

Bore Hole Information

Bore Hole ID:	1007232149	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	615531
Code OB Desc:		North83:	4912014
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/17/2018	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:	1007477917
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		1007477919			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36			
Formation End Depth:		56			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007477918			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		29			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007477953			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1007477952			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AIR ROTARY			
 <u>Pipe Information</u>					
Pipe ID:		1007477915			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1007477923			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		36			
Depth To:		56			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1007477922			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007477924			
Layer:		1			
Slot:		14			
Screen Top Depth:		32			
Screen End Depth:		36			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007477916			
Pump Set At:		54			
Static Level:		19			
Final Level After Pumping:		21.6			
Recommended Pump Depth:		40			
Pumping Rate:		10			
Flowing Rate:		0			
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477941			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477950			
Test Type:		Recovery			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477939			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477929			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477930			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477937			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477927			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		21.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477942			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477925			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		21.2			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477928			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477940			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477934			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		19.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477931			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477932			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		19.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477943			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477935			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477938			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477945			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477944			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477926			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477946			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477949			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477948			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477947			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		21.6			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477936			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		19.3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007477933			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1007477921			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007477920			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
13	1 of 1	ENE/105.9	237.1 / -5.79	2983 EAST STREET Innisfil ON	WWIS
Well ID:	7315675			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/1/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3413
Casing Material:				Form Version:	7
Audit No:	Z276242			Owner:	
Tag:	A240077			Street Name:	2983 EAST STREET
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7315675.pdf			
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1007232155			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615523
Code OB Desc:				North83:	4912060
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/16/2018			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:	1007478043				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	12				
Most Common Material:	STONES				
Mat2:					
Mat2 Desc:					
Mat3:	01				
Mat3 Desc:	FILL				
Formation Top Depth:	0				
Formation End Depth:	29				
Formation End Depth UOM:	inch				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007478045				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	36				
Formation End Depth:	56				
Formation End Depth UOM:	inch				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007478044				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		29			
Formation End Depth:		36			
Formation End Depth UOM:		inch			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007478079			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007478078			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AIR ROTARY			
<u>Pipe Information</u>					
Pipe ID:		1007478041			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007478049			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		36			
Depth To:		56			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1007478048			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007478050			
Layer:		1			
Slot:		14			
Screen Top Depth:		32			
Screen End Depth:		36			
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:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007478042			
Pump Set At:		54			
Static Level:		19			
Final Level After Pumping:		21.6			
Recommended Pump Depth:		40			
Pumping Rate:		10			
Flowing Rate:		0			
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478063			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478051			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		21.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478073			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478055			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478061			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		21.6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478070			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478054			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478060			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		19.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478052			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478069			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478058			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478075			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1007478074			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478065			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478071			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478053			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		21.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478064			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478072			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478056			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		19.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478057			
Test Type:		Draw Down			
Test Duration:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478066			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478076			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478059			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		21.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478068			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		19.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478062			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		19.3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007478067			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		21.6			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1007478047			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007478046			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
14	1 of 1	NE/139.6	235.9 / -7.00	lot 25 con 11 ON	WWIS
Well ID:	5710889			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	5/6/1974
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Supply			Abandonment Rec:	
Water Type:				Contractor:	4816
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5710889.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10388703			Elevation:	236.102584
DP2BR:	293			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	615431.4
Code OB Desc:	Bedrock			North83:	4912200
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/2/1973			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 Materials Interval</u>					
Formation ID:	932300145				
Layer:	4				
Color:					
General Color:					
Mat1:	08				
Most Common Material:	FINE SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300144			
Layer:		3			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300146			
Layer:		5			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		42			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300148			
Layer:		7			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		08			
Mat2 Desc:		FINE SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		200			
Formation End Depth:		224			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932300147			
Layer:		6			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		160			
Formation End Depth:		200			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300149			
Layer:		8			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		224			
Formation End Depth:		293			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300143			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932300142			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932300150			
Layer:		9			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		293			
Formation End Depth:		297			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933187375			
Layer:		1			
Plug From:		0			
Plug To:		297			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965710889			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10937273			
Casing No:		1			
Comment:					
Alt Name:					

<u>15</u>	1 of 1	SSW/171.8	250.9 / 8.00	42 HAWTHORNE DR, INNISFIL ON	PINC
Incident ID:				Health Impact:	
Incident No:		1280666		Environment Impact:	
Type:		FS-Pipeline Incident		Property Damage:	No
Status Code:		Pipeline Damage Reason Est		Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:		RC Established		Pipeline System:	
Task No:		4709157		Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:		E-mail		PSIG:	
Fuel Category:		Natural Gas		Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Date:		2013/11/13			
Operation Type:					
Pipeline Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Regulator Type: Summary: 42 HAWTHORNE DR, INNISFIL - 1/2" PIPELINE HIT Reported By: ADAM BRODERICK Affiliation: Occurrence Desc: Damage Reason: No notification made to the one call center Notes:					
16	1 of 1	SE/176.2	244.3 / 1.44	Lockhart Rd 7 25 Sideroad Innisfil ON	EHS
Order No: 20130916009 Status: C Report Type: Custom Report Report Date: 20-SEP-13 Date Received: 16-SEP-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.551344 Y: 44.350088					
17	1 of 1	E/187.7	235.4 / -7.50	lot 25 con 10 ON	WWIS
Well ID: 5711616 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: 1 Date Received: 11/29/1974 Selected Flag: Yes Abandonment Rec: Contractor: 3202 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: INNISFIL TOWNSHIP Site Info: Lot: 025 Concession: 10 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5711616.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10389410 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 7/26/1974 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method:					
Elevation: 236.712692 Elevrc: Zone: 17 East83: 615614.4 North83: 4912023 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303442			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303443			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38			
Formation End Depth:		44			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303444			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		44			
Formation End Depth:		53			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303441			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303445			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		53			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303439			
Layer:		1			
Color:		1			
General Color:		WHITE			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303440			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5			
Formation End Depth:		21			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Method Construction ID:		965711616			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10937980			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930639191			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933367871			
Layer:		1			
Slot:		004			
Screen Top Depth:		57			
Screen End Depth:		64			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995711616			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		53			
Recommended Pump Depth:		54			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		2			
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:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934574704			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		53			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934299240			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		53			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934825155			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		53			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935091494			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		53			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933871460			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53			
Water Found Depth UOM:		ft			
18	1 of 1	ENE/192.5	234.7 / -8.15	lot 4 con 10 ON	WWIS
Well ID:	5736903			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/24/2002
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	7143
Casing Material:				Form Version:	1
Audit No:	226323			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736903.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10527915			Elevation:	236.192199
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	0			East83:	615590
Code OB Desc:	Overburden			North83:	4912123
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	5/30/2002			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Location estimated from sketch map.				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871900				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871902				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	28				
Mat2 Desc:	SAND				
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	30				
Formation End Depth:	37				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871901				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	73				
Mat2 Desc:	HARD				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932871903			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		37			
Formation End Depth:		44			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933228682			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965736903			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076485			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670431			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930670430			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933402685			
Layer:		1			
Slot:		018			
Screen Top Depth:		40			
Screen End Depth:		44			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995736903			
Pump Set At:					
Static Level:		23			
Final Level After Pumping:		28			
Recommended Pump Depth:		38			
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:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935110816			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		28			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322333			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		28			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934844449			
Test Type:		Draw Down			
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		28			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934587989			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		28			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934020826			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37			
Water Found Depth UOM:		ft			

19	1 of 1	WSW/196.4	248.6 / 5.72	lot 24 con 10 ON	WWIS
Well ID:	5708191			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	9/20/1971
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	5206
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5708191.pdf

Bore Hole Information

Bore Hole ID:	10386024	Elevation:	246.636093
DP2BR:	324	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	615014.4
Code OB Desc:	Bedrock	North83:	4911848
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/15/1971	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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288804			
Layer:		4			
Color:					
General Color:					
Mat1:		12			
Most Common Material:		STONES			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		220			
Formation End Depth:		324			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288805			
Layer:		5			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		324			
Formation End Depth:		380			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288803			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		65			
Formation End Depth:		220			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288801			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932288802			
Layer:		2			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965708191			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10934594			
Casing No:		1			
Comment:					
Alt Name:					
20	1 of 1	ENE/197.7	235.5 / -7.40	lot 25 con 10 ON	WWIS
Well ID:	5710848			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/19/1974
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3203
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5710848.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10388662			Elevation:	235.870681
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	615614.4
Code OB Desc:	Overburden			North83:	4912073
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	1/11/1974			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:	932299934				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932299936				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	17				
Formation End Depth:	32				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932299935				
Layer:	2				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932299939			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		68			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932299940			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		68			
Formation End Depth:		68			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932299937			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		32			
Formation End Depth:		33			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932299938			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		33			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965710848			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10937232			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930638334			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		61			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933367464			
Layer:		1			
Slot:		004			
Screen Top Depth:		61			
Screen End Depth:		68			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995710848			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		51			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:					
Pumping Rate:		58			
Flowing Rate:		5			
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:		3			
Pumping Duration MIN:		10			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934831686			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		51			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934572463			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		51			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935079355			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		51			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933870701			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

21	1 of 2	ENE/199.7	234.8 / -8.03	439912 Ontario Ltd. 2988 25th side road innisfil ON L9S 3T6	GEN
Generator No:		ON9316406		PO Box No:	
Status:				Country:	Canada
Approval Years:		2015		Choice of Contact:	CO_OFFICIAL
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No Admin:	
SIC Code:		623475			
SIC Description:		623475			
<u>Detail(s)</u>					
Waste Class:		251			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
21	2 of 2	ENE/199.7	234.8 / -8.03	439912 Ontario Ltd. 2988 25th side road innisfil ON L9S 3T6	GEN
Generator No:		ON9316406		PO Box No:	
Status:				Country:	
Approval Years:		2016		Canada	
Contam. Facility:		No		Choice of Contact:	
MHSW Facility:		No		CO_OFFICIAL	
SIC Code:		623475		Co Admin:	
SIC Description:		623475		Phone No Admin:	
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
22	1 of 1	ENE/202.2	234.7 / -8.15	INNSERVICES UTILITIES INC. 2996 25th Sideroad 988 Lockhart Road Innisfil ON L9S 1A1	ECA
Approval No:		6764-BE2P4J		MOE District:	
Approval Date:		2019-08-20		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				-8855404.2669	
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		Geometry Y:	
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS		5520274.504100002	
Address:		2996 25th Sideroad 988 Lockhart Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/9880-BENLKQ-14.pdf			
23	1 of 1	E/208.2	235.5 / -7.40	lot 25 con 10 ON	WWIS
Well ID:		5724907		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:				Selected Flag:	
Final Well Status:		Water Supply		Yes	
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	
Audit No:		42399		3030	
Tag:				Form Version:	
Construction Method:				1	
Elevation (m):				Owner:	
Elevation Reliability:				Street Name:	
Depth to Bedrock:				County:	
Well Depth:				SIMCOE	
Overburden/Bedrock:				Municipality:	
Pump Rate:				INNISFIL TOWNSHIP	
Static Water Level:				Site Info:	
Flowing (Y/N):				Lot:	
Flow Rate:				025	
Clear/Cloudy:				Concession:	
				10	
				Concession Name:	
				CON	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5724907.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10402505			Elevation:	236.186492
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	615628.4
Code OB Desc:	Overburden			North83:	4912057
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	3/30/1989			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
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:	932362281				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	1				
Formation End Depth:	3				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932362280				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932362282				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	10				
Most Common Material:	COARSE SAND				
Mat2:	68				
Mat2 Desc:	DRY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932362283			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932362284			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		27			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965724907			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10951075			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930655521			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>Depth To:</div> <div>Casing Diameter:36</div> <div>Casing Diameter UOM:inch</div> <div>Casing Depth UOM:ft</div>					
<div>Results of Well Yield Testing</div>					
<div>Pump Test ID:995724907</div> <div>Pump Set At:</div> <div>Static Level:8</div> <div>Final Level After Pumping:</div> <div>Recommended Pump Depth:33</div> <div>Pumping Rate:</div> <div>Flowing Rate:</div> <div>Recommended Pump Rate:3</div> <div>Levels UOM:ft</div> <div>Rate UOM:GPM</div> <div>Water State After Test Code:</div> <div>Water State After Test:</div> <div>Pumping Test Method:</div> <div>Pumping Duration HR:</div> <div>Pumping Duration MIN:</div> <div>Flowing:No</div>					
<div>Water Details</div>					
<div>Water ID:933884744</div> <div>Layer:1</div> <div>Kind Code:1</div> <div>Kind:FRESH</div> <div>Water Found Depth:7</div> <div>Water Found Depth UOM:ft</div>					
24	1 of 1	ESE/213.1	236.2 / -6.69	lot 25 con 10 ON	WWIS
<div><div><div>Well ID:5736901</div><div>Construction Date:</div><div>Primary Water Use:Domestic</div><div>Sec. Water Use:</div><div>Final Well Status:Water Supply</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:226326</div><div>Tag:</div><div>Construction Method:</div><div>Elevation (m):</div><div>Elevation Reliability:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Clear/Cloudy:</div></div><div><div>Data Entry Status:</div><div>Data Src:1</div><div>Date Received:6/24/2002</div><div>Selected Flag:Yes</div><div>Abandonment Rec:</div><div>Contractor:7143</div><div>Form Version:1</div><div>Owner:</div><div>Street Name:</div><div>County:SIMCOE</div><div>Municipality:INNISFIL TOWNSHIP</div><div>Site Info:</div><div>Lot:025</div><div>Concession:10</div><div>Concession Name:CON</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736901.pdf			
<div>Bore Hole Information</div>					
Bore Hole ID:		10527913	Elevation:		237.64392

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
DP2BR:			Elevrc:		
Spatial Status:	Improved			Zone:	17
Code OB:	o			East83:	615634
Code OB Desc:	Overburden			North83:	4911876
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	6/17/2002			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).approx using address				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871891				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	08				
Most Common Material:	FINE SAND				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	57				
Formation End Depth:	66				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871888				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871893				
Layer:	6				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	28				
Mat2 Desc:	SAND				
Mat3:	06				
Mat3 Desc:	SILT				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		160			
Formation End Depth:		260			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932871894			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		260			
Formation End Depth:		294			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932871895			
Layer:		8			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		77			
Mat2 Desc:		LOOSE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		294			
Formation End Depth:		300			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932871889			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		2			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932871890			
Layer:		3			
Color:		3			
General Color:		BLUE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		57			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932871892			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		66			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228680			
Layer:		1			
Plug From:		0			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736901			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076483			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670427			
Layer:		3			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930670425			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930670426			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933402683			
Layer:		1			
Slot:		010			
Screen Top Depth:		294			
Screen End Depth:		298			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995736901			
Pump Set At:					
Static Level:		31			
Final Level After Pumping:		62			
Recommended Pump Depth:		200			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		8			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935110814			
Test Type:					
Test Duration:		60			
Test Level:		62			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934844447			
Test Type:					
Test Duration:		45			
Test Level:		61			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322331			
Test Type:					
Test Duration:		15			
Test Level:		45			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934587987			
Test Type:					
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934020824			
Layer:		2			
Kind Code:		2			
Kind:		SALTY			
Water Found Depth:		294			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934020823			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		57			
Water Found Depth UOM:		ft			

<u>25</u>	1 of 1	ENE/213.1	234.8 / -8.03	lot 4 con 10 ON	WWIS
Well ID:		5736902		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	6/24/2002
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	7143
Casing Material:				Form Version:	1
Audit No:		226325		Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	10

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736902.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10527914			Elevation:	235.937225
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	o			East83:	615597
Code OB Desc:	Overburden			North83:	4912151
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	5/29/2002			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Location estimated from sketch map.				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871898				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	28				
Mat2 Desc:	SAND				
Mat3:	11				
Mat3 Desc:	GRAVEL				
Formation Top Depth:	30				
Formation End Depth:	37				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932871897				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	73				
Mat2 Desc:	HARD				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	12				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
Overburden and Bedrock					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932871899			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		37			
Formation End Depth:		44			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932871896			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933228681			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965736902			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076484			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670429			
Layer:		2			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930670428			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933402684			
Layer:		1			
Slot:		018			
Screen Top Depth:		40			
Screen End Depth:		44			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995736902			
Pump Set At:					
Static Level:		23			
Final Level After Pumping:		28			
Recommended Pump Depth:		38			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934587988			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		28			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322332			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		28			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934844448			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		28			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935110815			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		28			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934020825			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37			
Water Found Depth UOM:		ft			

26	1 of 1	ENE/214.1	234.9 / -8.00	lot 25 con 10 ON	WWIS
Well ID:		5708245		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	10/6/1971
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	3203
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5708245.pdf

Bore Hole Information

Bore Hole ID:	10386078	Elevation:	235.758193
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	615614.4
Code OB Desc:	Overburden	North83:	4912123

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/15/1971			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:		932289002			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932289006			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		09			
Mat3 Desc:		MEDIUM SAND			
Formation Top Depth:		42			
Formation End Depth:		62			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932289007			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		62			
Formation End Depth:		163			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932289004			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		39			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932289005			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		39			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932289003			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965708245			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10934648			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930635403			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		59			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933366209			
Layer:		1			
Slot:		006			
Screen Top Depth:		59			
Screen End Depth:		62			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995708245			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		46			
Recommended Pump Depth:		59			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
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:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934814513			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		46			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934564316			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		46			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935080822				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	46				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934296758				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	46				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933867810				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	42				
Water Found Depth UOM:	ft				
27	1 of 1	ENE/216.8	234.8 / -8.03	lot 25 con 10 ON	WWIS
Well ID:	5735975			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/30/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4645
Casing Material:				Form Version:	1
Audit No:	225477			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5735975.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10413505			Elevation:	235.863143
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	o			East83:	615600
Code OB Desc:	Overburden			North83:	4912153
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	1/17/2001			UTMRC Desc:	margin of error : 10 - 30 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:		Location Method:			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:		1999-2004 MOE Water Well Data Improvement Project			
Improvement Location Method:		GIS			
Source Revision Comment:		Northing and/or Easting field has been changed. Location estimated from sketch map.no measurements, used road names			
Supplier Comment:		Determined to be an improvement rather than a Lot Centroid in December 2009.			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932416330			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		9			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932416328			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		77			
Mat2 Desc:		LOOSE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932416327			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		932416326			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932416329			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Mat2 Desc:		DENSE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932416331			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932416332			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933198252				
Layer:	1				
Plug From:	0				
Plug To:	18				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965735975				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10962075				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930669220				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:					
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933380808				
Layer:	1				
Slot:	016				
Screen Top Depth:	21				
Screen End Depth:	25				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	995735975				
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	15				
Recommended Pump Depth:	20				
Pumping Rate:	40				
Flowing Rate:					
Recommended Pump Rate:	10				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:					
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935109145			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934841113			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		15			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934593410			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934319541			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933896107			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25			
Water Found Depth UOM:		ft			

28	1 of 1	WSW/221.0	247.8 / 4.92	lot 24 con 10 ON	WWIS
<hr/>					
Well ID:	5708195			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	9/20/1971
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Supply			Abandonment Rec:	
Water Type:				Contractor:	5206
Casing Material:				Form Version:	1
Audit No:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:		Street Name:			
Construction Method:		County:			SIMCOE
Elevation (m):		Municipality:			INNISFIL TOWNSHIP
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:			024
Well Depth:		Concession:			10
Overburden/Bedrock:		Concession Name:			CON
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5708195.pdf

Bore Hole Information

Bore Hole ID:	10386028	Elevation:	246.803054
DP2BR:	330	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	614989.4
Code OB Desc:	Bedrock	North83:	4911848
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/15/1971	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:			

Overburden and Bedrock

Materials Interval

Formation ID:	932288825
Layer:	4
Color:	
General Color:	
Mat1:	12
Most Common Material:	STONES
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	210
Formation End Depth:	330
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932288826
Layer:	5
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		330			
Formation End Depth:		385			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288823			
Layer:		2			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288824			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		65			
Formation End Depth:		210			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932288822			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		21			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965708195			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10934598			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930635347			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

29	1 of 1	ESE/222.1	237.2 / -5.69	lot 25 con 10 ON	WWIS
Well ID:	5715124			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/30/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3203
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5715124.pdf				

<u>Bore Hole Information</u>					
Bore Hole ID:	10392842			Elevation:	238.29039
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	615614.4
Code OB Desc:	Overburden			North83:	4911823
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/15/1977			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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932318832			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932318834			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8			
Formation End Depth:		59			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932318835			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		59			
Formation End Depth:		59			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932318833			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:	1				
Formation End Depth:	8				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965715124				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10941412				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930643226				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	56				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	995715124				
Pump Set At:					
Static Level:	0				
Final Level After Pumping:	6				
Recommended Pump Depth:	30				
Pumping Rate:	12				
Flowing Rate:					
Recommended Pump Rate:	10				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	Yes				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934825390				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	6				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934575458			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934300434			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935091103			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933874994			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		54			
Water Found Depth UOM:		ft			
30	1 of 1	E/223.0	234.9 / -8.00	2964 25 SIDEROAD Innisfil ON	WWIS
Well ID:	7226274			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/27/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7075
Casing Material:				Form Version:	7
Audit No:	Z186215			Owner:	
Tag:	A135698			Street Name:	2964 25 SIDEROAD
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7226274.pdf				

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1005103209			Elevation:	236.647735
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615655
Code OB Desc:				North83:	4912000
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	7/23/2014			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:	1005347244				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:	66				
Mat3 Desc:	DENSE				
Formation Top Depth:	7.5				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005347243				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:	66				
Mat3 Desc:	DENSE				
Formation Top Depth:	2				
Formation End Depth:	7.5				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005347242				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:	77				
Mat3 Desc:	LOOSE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1005347245				
Layer:	4				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:	66				
Mat3 Desc:	DENSE				
Formation Top Depth:	15				
Formation End Depth:	22				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005347252				
Layer:	1				
Plug From:	0				
Plug To:	13				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1005347251				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1005347241				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005347248				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	14.5				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1005347249				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot: 10 Screen Top Depth: 14.5 Screen End Depth: 19.5 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 2					
<u>Water Details</u>					
Water ID: 1005347247 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1005347246 Diameter: 8 Depth From: 0 Depth To: 22.5 Hole Depth UOM: ft Hole Diameter UOM: inch					
31	1 of 2	ESE/227.1	238.9 / -3.92	BELMAC ESTATE PROPERTIES INC. ON	ECA
Approval No: 0001106036 Approval Date: 2018-10-11 Status: Active Record Type: ECA Link Source: MOFA SWP Area Name: Lakes Simcoe and Couchiching/Black River Approval Type: ECA-SEWAGE_MUNICIPAL Project Type: SEWAGE_MUNICIPAL Address: Full Address: Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2097725					
31	2 of 2	ESE/227.1	238.9 / -3.92	BELMAC ESTATE PROPERTIES INC. ON	ECA
Approval No: 0001106035 Approval Date: 2018-10-11 Status: Active Record Type: ECA Link Source: MOFA SWP Area Name: Lakes Simcoe and Couchiching/Black River Approval Type: ECA-SEWAGE_MUNICIPAL Project Type: SEWAGE_MUNICIPAL Address: Full Address: Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2097721					
32	1 of 1	ENE/241.1	234.9 / -8.00	lot 25 con 11 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5724107			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/29/1988
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4919
Casing Material:				Form Version:	1
Audit No:	35086			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	INNISFIL TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5724107.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10401707			Elevation:	235.346084
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	615587.4
Code OB Desc:	Overburden			North83:	4912205
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/30/1988			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
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:	932358447				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	79				
Mat2 Desc:	PACKED				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	24				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965724107				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10950277			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930654512			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		24			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995724107			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		22			
Recommended Pump Depth:		22			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		3			
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:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934308355			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934583073			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		18			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935099042			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Type:		Recovery			
Test Duration:		60			
Test Level:		14			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934832099			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		16			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933883934			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		10			
Water Found Depth UOM:		ft			

Unplottable Summary

Total: **34** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 25 Con 11	Innisfil ON	
CA	Barrie Concrete Forming Inc.	Lot 43 Lockhart Road	Barrie ON	
CA	The Corporation of the City of Barrie	Cedar Crescent, Hickory Lane, Spruce Crescent, and Cherry Crt	Barrie ON	
CA	PATRICK R. FALBY SANDY COVE ACRES	NEW WELL & NEW RESERVOIR	INNISFIL TOWN ON	
CA	BARRIE CITY SOUTH BARRIE BUSINESS PARK	LOCKHART RD. PH.V	BARRIE CITY ON	
CA	The Corporation of the Town of Innisfil	Cedar Grove Ave West of Edgewood Avenue	Innisfil ON	
EBR	Parkbridge Lifestyle Communities Inc.	Town of Innisfil Sandy Cove Settlement Area, Part of Lots 26 and 27, Concession 10 COUNTY OF SIMCOE	ON	
ECA	BELMAC ESTATE PROPERTIES INC.		Innisfil ON	L9Z 1X7
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	L9S 3G7
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	L9S 3G7
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	L9S 3G7
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	L9S 3G7
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON	

GEN	SANDYCOVE ACRES LIMITED	PT. OF LOT 24, 25, CONC. 10	INNISFIL TOWNSHIP ON
GEN	SANDYCOVE ACRES LIMITED	PART OF LOT 24 & 25, CONCESSION 10	INNISFIL TOWNSHIP ON
PTTW	Sandycove Acres	Lot 24, Concession 10 TOWN OF INNISFIL	ON
PTTW	Belmac Estate Properties Inc.	Belmac Estate Properties Inc. Lot: 26 & 27, Concession: 10 Geographic Township: INNISFIL Town of Innisfil, County of Simcoe INNISFIL	ON
SPL	SANDY COVE ACRES	LOT 25, CONC 10 & 11. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP	INNISFIL TOWN ON
SPL	SANDY COVE ACRES	LOT 25/CONC 10. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP	INNISFIL TOWN ON
SPL	PRIVATELY OWNED	SUBURBAN SERVICE # 4, BEHIND THE ASPEN COURT, STROUD. WATER SUPPLY SYSTEM / WTP	INNISFIL TOWN ON
SPL	SANDY COVE ACRES	LOT 25, CONC 10 & 11 SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP	INNISFIL TOWN ON
SPL	PRIVATE OWNER	SANDY COVE ACRES BETWEEN 96 AND 98 LINDEN LANE ON S.PARK SEWAGE PUMPING STATION	INNISFIL TOWN, ON
SPL	SANDY COVE ACRES, TOWN OF	SANDY COVE ACRES (NORTH AREA) WATERMAIN	INNISFIL TOWN ON
SPL	Sandy Cove Acres Ltd.	SANDY COVE ACRES	Innisfil ON
SPL	Sandy Cove Acres Ltd.	SANDY COVE ACRES	Innisfil ON
SPL	Sandy Cove Acres Ltd.	SANDY COVE ACRES	Innisfil ON
SPL	Sandy Cove Acres Ltd.	SANDY COVE ACRES	Innisfil ON
SPL	Sandycove Acres Limited	Northside of Sandy Cove Park : 25th Sideroad	Innisfil ON
SPL	Sandycove Acres Limited	Sandycove Acres, Phase 7	Innisfil ON
SPL	Sandycove Acres Limited	Sandycove Acres, Phase 7	Innisfil ON

Unplottable Report

Site: Lot 25 Con 11 Innisfil ON

Database:
[AAGR](#)

Type: Pit
Region/County: Simcoe
Township: Innisfil
Concession: 11
Lot: 25
Size (ha): 3
Landuse:
Comments:

Site: Barrie Concrete Forming Inc.
Lot 43 Lockhart Road Barrie ON

Database:
[CA](#)

Certificate #: 9927-6K8PW5
Application Year: 2006
Issue Date: 1/5/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the City of Barrie
Cedar Crescent, Hickory Lane, Spruce Crescent, and Cherry Crt Barrie ON

Database:
[CA](#)

Certificate #: 5875-86HK3M
Application Year: 2010
Issue Date: 7/2/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PATRICK R. FALBY SANDY COVE ACRES
NEW WELL & NEW RESERVOIR INNISFIL TOWN ON

Database:
[CA](#)

Certificate #: 7-1103-85-876
Application Year: 85
Issue Date: 6/23/87
Approval Type: Municipal water
Status: Received in 1986, Issued in 1987
Application Type:

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

Site: BARRIE CITY SOUTH BARRIE BUSINESS PARK
LOCKHART RD. PH.V BARRIE CITY ON

Database:
CA

Certificate #: 3-1961-87-
Application Year: 87
Issue Date: 11/16/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the Town of Innisfil
Cedar Grove Ave West of Edgewood Avenue Innisfil ON

Database:
CA

Certificate #: 0067-8L3PF2
Application Year: 2011
Issue Date: 9/28/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Parkbridge Lifestyle Communities Inc.
Town of Innisfil Sandy Cove Settlement Area, Part of Lots 26 and 27, Concession 10 COUNTY OF SIMCOE ON

Database:
EBR

EBR Registry No:	012-9134	Decision Posted:
Ministry Ref No:	MNRF INST 82/16	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:	858147694	Act 1:
Notice Date:	April 27, 2017	Act 2:
Proposal Date:	November 28, 2016	Site Location Map:
Year:	2016	
Instrument Type:	(ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species	
Off Instrument Name:		
Posted By:		
Company Name:	Parkbridge Lifestyle Communities Inc.	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	85 Theme Park Drive, Wasaga Beach Ontario, Canada L9Z 1X7	
Comment Period:		
URL:		

Site Location Details:

Site: BELMAC ESTATE PROPERTIES INC.
Innisfil ON L9Z 1X7

Database:
ECA

Approval No: 8325-BJ9HUQ
Approval Date: 2019-11-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8482-BHWHVA-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X: -8860716.433
Geometry Y: 5512550.1765

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description: Community Health Centres

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

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON L9S 3G7

Database:
GEN

Generator No: ON1804400
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

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

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

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

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON L9S 3G7

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 531111
SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Donna Orsatti
Phone No Admin: 7054361571 Ext.

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON L9S 3G7

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 531111
SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Donna Orsatti
Phone No Admin: 7054361571 Ext.

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description: Community Health Centres

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

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description: Community Health Centres
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description: Community Health Centres
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON L9S 3G7

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621494
SIC Description: 621494
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Sandra Hudson
Phone No Admin: 7054361571 Ext.

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description:

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

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

Site: SANDYCOVE ACRES LIMITED
PT. OF LOT 24, 25, CONC. 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4011
SIC Description: SINGLE FAMILY HOUS.

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Site: SANDYCOVE ACRES LIMITED
PART OF LOT 24 & 25, CONCESSION 10 INNISFIL TOWNSHIP ON

Database:
GEN

Generator No: ON1804400
Status:
Approval Years: 99,00,01,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 4011
SIC Description: SINGLE FAMILY HOUS.

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

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

Site: **Sandycove Acres**
Lot 24, Concession 10 TOWN OF INNISFIL ON

Database:
PTTW

EBR Registry No: IA7E0857
Ministry Ref No: 87P3008
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 03, 1998
Proposal Date: June 11, 1997
Year: 1997
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Sandycove Acres
Site Address:
Location Other:
Proponent Name:
Proponent Address: RR#4, Stroud Ontario, L0L 2M0
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 24, Concession 10 TOWN OF INNISFIL

Site: **Belmac Estate Properties Inc.**
Belmac Estate Properties Inc. Lot: 26 & 27, Concession: 10 Geographic Township: INNISFIL Town of Innisfil,
County of Simcoe INNISFIL ON

Database:
PTTW

EBR Registry No: 013-1307
Ministry Ref No: 1860-AQ9PPL
Notice Type: Instrument Decision
Notice Stage:
Notice Date: November 22, 2017
Proposal Date: August 22, 2017
Year: 2017
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Belmac Estate Properties Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 690 River Road West, Wasaga Beach Ontario, Canada L9Z 2P1
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Belmac Estate Properties Inc. Lot: 26 & 27, Concession: 10 Geographic Township: INNISFIL Town of Innisfil, County of Simcoe INNISFIL

Site: **SANDY COVE ACRES**
LOT 25, CONC 10 & 11. SANITARY SEWER, LOT 25, CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON

Database:
SPL

Ref No:	109631	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	1/30/1995	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	CONTAINER OVERFLOW	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	70409
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	1/30/1995	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES- MANHOLEOVERFLOW, SMALL QUANTITY OF SEWAGE ONTO GROUND.		
Contaminant Qty:			

Site: SANDY COVE ACRES
LOT 25/CONC 10. SANITARY SEWER, LOT 25,CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON

Database:
SPL

Ref No:	91350	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/5/1993	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	70409
Nature of Impact:	Multi Media Pollution	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MOEE.
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/14/1993	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	OTHER	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES-22.75 M3RAW SEWAGE TO STORM DRAIN&DITCH,BLOCKED SEWER.		
Contaminant Qty:			

Site: PRIVATELY OWNED
SUBURBAN SERVICE # 4, BEHIND THE ASPEN COURT, STROUD. WATER SUPPLY SYSTEM / WTP INNISFIL TOWN ON

Database:
SPL

Ref No:	125947	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	5/6/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	

Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	70409
Nature of Impact:	Other	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/6/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES- PRIVATEWATERMAIN BREAK,ONGOING WATER LEAK, WILL REPAIR.		
Contaminant Qty:			

Site: SANDY COVE ACRES
LOT 25,CONC 10 & 11 SANITARY SEWER, LOT 25,CONC 10 & 11. INNISFIL TWP INNISFIL TOWN ON

Database:
SPL

Ref No:	131743	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/12/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	70409
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/12/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES-25 L RAWSEWAGE TO LAWN,BLOCKED LINE,LINE CLEARED.		
Contaminant Qty:			

Site: PRIVATE OWNER
SANDY COVE ACRES BETWEEN 96 AND 98 LINDEN LANE ON S.PARK SEWAGE PUMPING STATION INNISFIL TOWN, ON

Database:
SPL

Ref No:	179519	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/14/2000	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	70409
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	

Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/14/2000	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	OVERSTRESS/OVERPRESSURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES- 50L SEW-AGE OVERFLOW AT MANHOLE. CLEANERS ON ROUTE.		
Contaminant Qty:			

Site:	SANDY COVE ACRES, TOWN OF SANDY COVE ACRES (NORTH AREA) WATERMAIN INNISFIL TOWN ON	Database: SPL
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Ref No:	244370	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	11/28/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	70409
Nature of Impact:	Human health	Site Lot:	
Receiving Medium:	LAND, WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	11/28/2002	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	OTHER	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SANDY COVE ACRES: WATER- MAIN BREAK - CHL.WATER TO GND, UNCHL AT CREEK		
Contaminant Qty:			

Site:	Sandy Cove Acres Ltd. SANDY COVE ACRES Innisfil ON	Database: SPL
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Ref No:	2471-63WNTW	Discharger Report:	
Site No:		Material Group:	Waste
Incident Dt:	8/16/2004	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Overflow (Tanks Lagoons)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	Barrie
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	Southwestern
Environment Impact:	Possible	Site Municipality:	Innisfil
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	8/16/2004	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:	Process upset	Source Type:	
Site Name:	SANDY COVE ACRES		
Site County/District:			

Site Geo Ref Meth:
Incident Summary: Sandy Cove Acres: 20 L sewage to grd
Contaminant Qty:

Site: Sandy Cove Acres Ltd.
SANDY COVE ACRES Innisfil ON

Database:
SPL

Ref No: 1606-674U9R
Site No:
Incident Dt: 11/26/2004
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/26/2004
Dt Document Closed:
Incident Reason: Other - Reason not otherwise defined
Site Name: SANDY COVE ACRES
Site County/District:
Site Geo Ref Meth:
Incident Summary: Sandy Cove Acres - Sewage Spill
Contaminant Qty:

Discharger Report:
Material Group: Waste
Health/Env Conseq:
Client Type:
Sector Type: Sewage Treatment
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Barrie
Site Postal Code:
Site Region: Southwestern
Site Municipality: Innisfil
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spill to Land
Source Type:

Site: Sandy Cove Acres Ltd.
SANDY COVE ACRES Innisfil ON

Database:
SPL

Ref No: 1830-5XNMMG
Site No:
Incident Dt: 4/2/2004
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/2/2004
Dt Document Closed:
Incident Reason: Spill
Site Name: SANDY COVE ACRES
Site County/District:
Site Geo Ref Meth:
Incident Summary: Sandy Cove Acres - Sewage Spill
Contaminant Qty: 136.5 L

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

Site: Sandy Cove Acres Ltd.
SANDY COVE ACRES Innisfil ON

Database:
SPL

Ref No: 5412-67AQRH
Site No:
Incident Dt: 12/2/2004
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/2/2004
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: SANDY COVE ACRES
Site County/District:
Site Geo Ref Meth:
Incident Summary: Sandy Cove Acres- sewage spill
Contaminant Qty: 45.5 L

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

Site: Sandycove Acres Limited
 Northside of Sandy Cove Park : 25th Sideroad Innisfil ON

Database:
 SPL

Ref No: 4353-6CQPWM
Site No:
Incident Dt: 5/25/2005
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code:
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/25/2005
Dt Document Closed:
Incident Reason: Other - Reason not otherwise defined
Site Name: Sandy Cove Acres<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Sandy Cove Acres - 50 L sewage to soil
Contaminant Qty:

Discharger Report: 0
Material Group: Waste
Health/Env Conseq:
Client Type:
Sector Type: Other Storage Facility
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Barrie
Site Postal Code:
Site Region:
Site Municipality: Innisfil
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills to Land
Source Type:

Site: Sandycove Acres Limited
 Sandycove Acres, Phase 7 Innisfil ON

Database:
 SPL

Ref No: 6516-6DRRXF
Site No:
Incident Dt: 6/27/2005
Year:
Incident Cause: Valve / Fitting Leak Or Failure
Incident Event:
Contaminant Code:

Discharger Report: 0
Material Group: Waste
Health/Env Conseq:
Client Type:
Sector Type: Sewer
Agency Involved:
Nearest Watercourse:

Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	Barrie
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Possible	Site Municipality:	Innisfil
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/27/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills to Land
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	Sandycove Acres, Phase 7		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Sandycove Acres,227 L sewage to soil,clnd up		
Contaminant Qty:			

Site: Sandycove Acres Limited
Sandycove Acres, Phase 7 Innisfil ON

Database:
SPL

Ref No:	6841-6GMKAJ	Discharger Report:	0
Site No:		Material Group:	Waste
Incident Dt:	9/27/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	Barrie
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Innisfil
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/27/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills to Land
Incident Reason:		Source Type:	
Site Name:	Sandycove Acres, Phase 7		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Sandycove Acres: 10gal biosolids to grnd		
Contaminant Qty:	45.5 L		

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

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

Government Publication Date: Jul 31, 2020

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Jun 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Aug 31, 2020

Delisted Fuel Tanks:

Provincial DELISTED TANK

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

Government Publication Date: Jul 31, 2020

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Aug 31, 2020

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994-Aug 31, 2020

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Aug 31, 2020

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Jul 31, 2020

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

EPAR

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

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

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-May 31, 2020

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Aug 31, 2020

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Aug 31, 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

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-Aug 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

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

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

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953***Transport Canada Fuel Storage Tanks:**

Federal

TCFT

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

Government Publication Date: 1970-Aug 2018**Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020**Waste Disposal Sites - MOE CA Inventory:**

Provincial

WDS

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

Government Publication Date: Oct 2011-Aug 31, 2020**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 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: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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