



33 FINDLAY DRIVE, 750 & 774 HURONTARIO
STREET, TOWN OF COLLINGWOOD, ONTARIO

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

STRAW HAT RESTORATION

PROJECT NO.: 17M-01364-00
DATE: FEBRUARY 2018

WSP
UNIT 1
14 RONELL CRESCENT
COLLINGWOOD, ON, CANADA L9Y 4J7

T +1 705 445-0064
WSP.COM



February 14, 2018

Mr. James and Jason Harrison
STRAW HAT RESTORATION
325 Willard Avenue
Toronto, Ontario
M6S 3R1

Dear Sirs:

Subject: Phase One Environmental Site Assessment
33 Findlay Drive, 750 & 774 Hurontario Street
Town of Collingwood, Ontario
Project No.: 17M-01364-00

WSP is pleased to present our Phase One Environmental Site Assessment report for the above-noted property. The scope of this Phase One Environmental Site Assessment (ESA) conforms to the requirements outlined in Canadian Standards Association Standard Z768-01 (R2012) *Phase I Environmental Site Assessment* and augmented by reference to O. Reg. 153/04 *Records of Site Condition*. A Phase One Environmental Site Assessment does not normally include sampling or testing, and is usually based solely on visual observations and a review of available or supplied factual data. In this report, subsurface soil contaminant analysis results were reviewed as part of a geotechnical investigation conducted within the property in parallel with this Phase I ESA.

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

Thank you for the opportunity to be of service on this project. We trust that this report will be satisfactory for your current needs. If you have any questions or require further information, please contact our office at your convenience.

Kind regards,

Nicole Collins
Environmental Technician

Jay Dolan, P.Eng. QPESA
Senior Project Engineer

WSP ref.: 17M-01364-00

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14 RONELL CRESCENT
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T T +1 705 445-0064
wsp.com

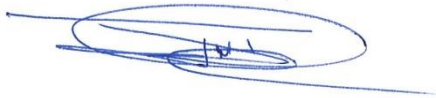
SIGNATURES

PREPARED BY



Nicole Collins
Environmental Technician, Environment

REVIEWED BY



Jay Dolan, P.Eng., QP_{ESA}
Senior Project Engineer, Environment



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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 xylenes
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	kilometre(s)
L	litre(s)
LCM	lead containing material
m	metre(s)
mASL	metres above sea level
mBGS	metres below ground surface
MNDM	Ministry of Northern Development and Mines
MNRF	Ministry of Natural Resources and Forestry
MOECC	Ministry of the Environment and Climate Change
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
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 was retained by Mr. James Harrison and Mr. Jason Harrison of Straw Hat Restoration to conduct a Phase One Environmental Site Assessment (ESA) to support potential future development of 33 Findlay Drive, 750 Hurontario Street and 774 Hurontario Street located in the Town of Collingwood, Ontario (hereafter referred to as the “Phase One Property” or “Site”). It is understood that this Phase One ESA may be used to support a property transaction and that the filing of a Record of Site Condition is not required.

The scope of this Phase One ESA conforms to the requirements outlined in Canadian Standards Association Standard Z768-01 (R2012) *Phase I Environmental Site Assessment* and augmented by O. Reg. 153/04 *Records of Site Condition*. The objectives of the Phase One ESA were to (i) identify the likelihood of the presence or absence of Potentially Contaminating Activities (PCAs) on the Phase One Property or within the Phase One Study Area (lands within 250 metres of the Phase I property boundaries), (ii) identify the Areas of Potential Environmental Concern (APECs) and Potential Contaminants of Concern (PCOCs) from the PCAs, and (iii) based on this information assess whether additional investigation in the form of a Phase Two ESA is required. A Phase One ESA does not normally include sampling or testing, and is usually based solely on visual observations and a review of available or supplied factual data. In this report, subsurface soil contaminant analysis results were reviewed as part of a geotechnical investigation conducted within the property in parallel with this Phase One ESA.

The irregular-shaped Site is located on the west side of Hurontario Street, on the north side of Findlay Drive and on the south side of Campbell Street, and is approximately 1.7 ha (4.2 acres) in size. The current Site use is residential with an apple orchard in the back yard of 774 Hurontario Street and a tennis court in the back yard of 750 Hurontario Street.

Information collected during this Phase One ESA is summarized below:

- The Phase One Property is relatively flat with an elevation ranging between approximately 189 masl and 200 masl. The topography in the vicinity of the Phase One Property slopes down to the north. A topographic map is provided in Appendix F. Based on the local topography, the inferred shallow groundwater flow direction within the Phase One Study Area is to the north towards Georgian Bay. The groundwater flow direction beneath the Phase One Property may only be confirmed through long-term groundwater well monitoring.
- The central portion of the Site is situated within a beach physiographic region while the north and south portions are located in a sand plains region. The surficial geology in the vicinity of the Site is described as “coarse-textured glaciolacustrine deposits consisting of sand, gravel, minor silt and clay (derived from foreshore and basinal deposits)”. The underlying bedrock within the area generally consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group; Simcoe Group; Shadow Lake Formation. The bedrock in the vicinity of the Site is estimated to begin at a depth of approximately of 8.5 to 10.4 mBGS based on available MOECC Water Well Records. According to the Geotechnical Investigation on 774 Hurontario Street by WSP performed in conjunction with this study, the bedrock on the Site is deeper than 5.2 mBGS.
- The first developed land use was determined through a review of the 1880 Simcoe County Atlas, historical aerial photography and an interview with the current site owners. The 1880 Simcoe County Atlas contains no descriptions of the Site, although Hurontario Street and Campbell Street were developed at that time. Based on the 1938 aerial photograph, 750 & 774 Hurontario Street were residential and 33 Findlay Drive was a part of an agricultural lot. Based on the interview with Lorne Kenney, the house on 774 Hurontario Street was constructed in approximately 1914. It is possible that 750 & 774 Hurontario Street may have also been part of an agricultural lot prior to construction of the residential dwellings on these lands.
- The nearest surface water body is the Pretty River, which is located approximately 1.1 km southeast of the Phase One Property and runs in a south-to-north direction. Georgian Bay is located 2.0 km north of the Phase One Property. There are no Areas of Natural Significance within the Phase One Study Area. No threatened or endangered species have been observed on the Phase One Property and therefore the Phase One Property is unlikely to be considered an environmentally sensitive area pursuant to O.Reg. 153/04, as amended.
- A Geotechnical Investigation is being completed in conjunction with this report for 774 Hurontario Street. In June 2017, four boreholes were drilled and three groundwater monitoring wells were installed throughout the orchard in the backyard by Lantech Drilling under WSP’s supervision. Chemical analyses were completed on seventeen (17) soil

samples for parameters including metals and inorganics, petroleum hydrocarbons (PHCs, F1 to F4), BTEX, and organochlorine (OC) Pesticides. The results were compared with Table 1 Full Depth Background Site Condition Standards for residential/parkland/institutional/ industrial/commercial/community property use as contained in the Ministry of the Environment and Climate Change (MOECC) document “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act” (the “Standards”). Table 1 Standards are background concentrations of contaminant parameters present in samples of uncontaminated soil obtained throughout Ontario. All samples met the Table 1 Full Depth Background Site Condition Standard with the exception of two samples collected between 0 – 0.6m BGS which contained the pesticide dichlorodiphenyldichloroethylene (DDE) at concentrations exceeding the Table 1 limit for this parameter.

Based on the information obtained as part of the Phase One ESA, three (3) PCAs were identified within the Phase One Study Area. Two (2) PCAs were deemed to be contributing to an APEC in, on, or under the Phase One Property pursuant to O. Reg. 153/04. The PCA identification numbers shown below are as per Table 2, Schedule D, of O.Reg. 153/04. Those activities that were deemed to be contributing to an APEC for the Site are summarized below:

Table 1.1 Summary of APECs

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 Historical heating oil tank location	Western portion of Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	On-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-2 Pesticides Application Area	Location of the apple orchard in the backyard of the Phase One Property	PCA No. 40 Pesticides (including Herbicides, Fungicides, and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large- Scale Applications	On-site	OC Pesticides, Metals and Inorganics	Soil

The above-noted PCAs were deemed to be contributing to APECs on the Phase One Property. Based on the APECs identified during this investigation, associated PCOCs include metals, inorganics, PHCs, VOCs, PAHs and OC Pesticides.

Based on the findings of this Phase One ESA, there is uncertainty with respect to the environmental condition of the Site, which warrants further assessment. As such, a Phase Two ESA is recommended in order to investigate both APECs identified during this Phase I ESA. A Phase II ESA generally involves obtaining subsurface soil and groundwater samples within the APEC locations and comparing contaminant concentrations within those samples, if any, with maximum-applicable limits for the current and/or proposed property use.

2 INTRODUCTION

WSP was retained by Mr. James Harrison and Mr. Jason Harrison of Straw Hat Restoration to conduct a Phase One Environmental Site Assessment (ESA) to support potential future development of 33 Findlay Drive, 750 Hurontario Street and 774 Hurontario Street located in the Town of Collingwood, Ontario (collectively the “Site” or the “Phase One Property”). The Site is currently owned by Bruce McInnis and Gail Gillespie (33 Findlay Drive), Dorothy Rhea Dennis (750 Hurontario Street) and Lorne and Susan Kenney (774 Hurontario Street). It is our understanding that this Phase One ESA was commissioned to identify the presence or absence of Potentially-Contaminating Activities (PCAs) on the Phase One Property or within the Phase One Study Area (defined as the area within 250 m of the Site boundaries) as part of a transactional due-diligence assessment involving future residential development.

The Site is located on the west side of Hurontario Street, north side of Findlay Drive and south side of Campbell Street in a mixed-use area (primarily residential, commercial and community) in the Town of Collingwood, Ontario. A site location map is provided as Drawing 1. The Phase One Property is currently residential with an apple orchard in the backyard of 774 Hurontario Street and a tennis court in the backyard of 750 Hurontario Street and a total area of approximately 1.7 ha (4.2 acres).

2.1 PHASE ONE PROPERTY INFORMATION

Property information for the Site is provided in Table 2.1 below:

Table 2.1 Phase I Property Information

CRITERION	PHASE ONE PROPERTY INFORMATION
Current Site Owner	33 Findlay Drive – Bruce McInnis and Gail Gillespie 750 Hurontario Street – Dorothy Rhea Dennis 774 Hurontario Street – Lorne and Susan Kenney
Phase One Representative	Mr. James Harrison and Mr. Jason Harrison Straw Hat Restoration 325 Willard Avenue Toronto, Ontario M6S 3R1 226-668-1776
Municipal Address	33 Findlay Drive, Town of Collingwood, Ontario 750 Hurontario Street, Town of Collingwood, Ontario 774 Hurontario Street, Town of Collingwood, Ontario
Property Identification Numbers	33 Findlay Drive: N/A 750 Hurontario Street: N/A 774 Hurontario Street: 58261-0261, 58261-0262
Legal Descriptions	33 Findlay Drive: Part of Block A, Registered Plan 334, Town of Collingwood, County of Simcoe 750 Hurontario Street: Lot O, West of Hurontario Street, Registered Plan 353, Town of Collingwood, County of Simcoe 774 Hurontario Street: Part of Lot 5 and Part of Block P, Registered Plan 353 in the Town of Collingwood, County of Simcoe

Three (3) Legal Surveys were provided to WSP for review as part of this assessment:

- For 33 Findlay Drive, one survey dated April 24, 1997, completed by Zubek, Emo and Patten Ltd Ontario Land Surveyors
- For 750 Hurontario Street, one survey dated May 18, 1978, completed by Zubek and Emo Ltd Ontario Land Surveyors
- For 774 Hurontario Street, one survey dated June 5, 2017, completed by WSP Geomatics Ontario Limited Ontario Land Surveyors

The Legal Surveys are provided in Appendix A.

3 SCOPE OF INVESTIGATION

The objective of the assignment was to undertake a Phase One ESA of the Site in accordance with CSA Standard Z768-01 of(R2012) and augmented by O.Reg. 153/04.

The objectives of this assignment were achieved by:

- Identifying any PCAs within the Phase One Property and Phase One Study Area;
- Identifying any APECs having potential to adversely-affect the Site;
- Determining PCOCs associated with any APECs; and
- Determining whether a Phase II ESA was required to address any APECs.

The scope of the investigation included:

- a Records Review;
- Interviews;
- a Site Reconnaissance; and
- Preparation of this Phase One ESA report.

4 RECORDS REVIEW

Below is a summary of the records review undertaken by WSP as part of this Phase One ESA.

The records review provides Phase One Property information regarding the physical setting, history of development, and land use in connection with the Site and adjacent properties within 250 metres of the Site boundaries. WSP was able to use publicly-available databases for the records review in accordance with O.Reg. 153/04. Information sources are summarized in Table 4.1:

Table 4.1 Summary of General Records Review

SOURCE	RECORDS REVIEW RESULTS
i. Phase One Study Area Determination	The Phase One ESA Study Area for this undertaking included properties wholly, or partially, within 250 m of the Site boundaries. Properties wholly beyond 250 m of the Site boundary were not added to the Study Area due to low potential for impact to the environmental condition of the Site. The limits of the Phase One Study Area are presented on Drawing 2.
ii. First Developed Use Determination	The first developed land use was determined through a review of the 1880 Simcoe County Atlas, historical aerial photography and an interview with the current site owners. The 1880 Simcoe County Atlas has no descriptions of the property although Hurontario Street and Campbell Street were developed at that time. Based on the 1938 aerial photograph, 750 & 774 Hurontario Street were residential and 33 Findlay was a part of an agricultural lot. Based on the interview with Lorne Kenney, the house on 774 Hurontario Street was constructed in approximately 1914. It is possible that previous to the residential property use, 750 & 774 Hurontario Street may have also been part of an agricultural lot.
iii. Fire Insurance Plans	A search for Fire Insurance Plans was conducted at the Collingwood Public Library. No plans included the Phase One Property although one plan dated November 1955 detailed the northern half of the Phase One Study Area. The majority of the properties within the north half of the Phase One Study Area were residential at this time with the following exceptions: • The historical bus repair shop located on the northeast corner of Campbell Street and Maple Street is currently under construction; • The high school located to the north of the Phase One Property is shown to have a 10,000 gal fuel oil tank on the north half of the property; and • The historical gasoline service station located in the northeast portion of the Phase One Study Area is in operation showing three underground storage tanks located on the west side of the building.
iv. City Directories	A search for city directories was conducted at the Collingwood Public Library. No city directories were available for the Phase One Property or Phase One Study Area.

v. Environmental Reports	No previous environmental reports were available to WSP as part of this investigation. A Geotechnical Investigation is being completed by WSP in conjunction with this report for 774 Hurontario Street. In June 2017, four boreholes were drilled and three groundwater monitoring wells were installed throughout the orchard in the backyard by Lantech Drilling under WSP supervision. The stratigraphy of the boreholes from ground surface consisted of 20 to 30cm of topsoil overlying 0.4 to 1.1m of sand or sand to sand and gravel. Underneath this layer was sandy silt till to borehole termination depths (5.2mBGS) with the exception of one borehole which had gravelly silty sand from 4.3 to 5.0 mBGS. Chemical analysis were completed on seventeen (17) soil samples for parameters including metals and inorganics, PHCs (F1 to F4), BTEX, and OC Pesticides. All samples met the Table 1 Full Depth Background Site Condition Standard with the exception of two samples collected between 0 – 0.6 mBGS which were found to contain the pesticide DDE at concentrations exceeding Table 1. The Certificate of Analysis is available in Appendix B.
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4.1 ENVIRONMENTAL SOURCE INFORMATION

EcoLog Environmental Risk Information Service (ERIS) Report (Including Federal, Provincial and Private Databases)

A records and regulatory agency database review was completed through a database search carried out by EcoLog ERIS for the Phase One Property. The EcoLog ERIS report includes a review of public and private database records for the Site and surrounding properties within 250 m of the Site boundaries. The report includes a site diagram and a summary, which describes records relating directly to the Site and records found within the Phase One Study Area. The EcoLog ERIS Report is provided in Appendix C.

The following is a list of the database searches completed by EcoLog ERIS for this assignment. Site and area-specific information obtained (records found) from EcoLog ERIS is shown in **bold and underlined**.

Federal Government Databases

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

- 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 Compliance Approval (ECA)
- Environmental Activity and Sector Registry (EASR)
- 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)
- 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 seventy-four (74) records within the Phase One Study Area which included the adjoining and neighbouring properties within 250 m of the subject Site property boundary. PCAs identified from the EcoLog ERIS search within the Phase One Property and 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 4.2 below.

Table 4.2 Summary of Ecolog ERIS Results

Database	Results	Phase One Property	Adjoining Properties	Other Properties in Study Area
Certificates of Approval	3	0	0	3
Environmental Compliance Approval	1	0	0	1
ERIS Historical Searches	3	0	0	3
List of TSSA Expired Facilities	10	0	0	10
Ontario Regulation 347 Waste Generators Summary	22	0	11	11
TSSA Historic Incidents	3	0	0	3
Pesticide Register	4	0	0	4
TSSA Pipeline Incidents	3	0	1	2
Private and Retail Fuel Storage Tanks	1	0	0	1
Scott's Manufacturing Directory	1	0	0	1
Ontario Spills	5	0	2	3
Water Well Information Systems	18	3	1	14
Total	74	3	15	56

Certificates of Approval (1985 – Oct 2011)

This database contains the following types of approvals: Industrial Sewage, Municipal & Private Sewage, Air & Noise, Renewable Energy Approvals and Waste Management Systems. The Phase One Property was not listed in this database. Certificate of Approval details for two other properties in the Phase One Study Area are shown in Table 4.3:

Table 4.3 Summary of MOECC Certificates of Approval

Address	Certificate No. (Date)	Certificate of Approval	Status/Description
Jobelsie Management Ltd. Phase 1 Maple St./Campbell St R.P. 353 Collingwood	3-2205-89- (December 4,1989)	Municipal Sewage	Approved.
Jobelsie Management Ltd. Phase 1 Maple St./Campbell St R.P. 353 Collingwood	7-1824-89- (November 27,1989)	Municipal Water	Approved.
Enbridge Gas Distribution Inc. 49-51 Campbell Street, Collingwood	8226-7TPP6M (February 21, 2010)	Air	Approved.

Environmental Compliance Approval (Oct 2011 – Nov 2016)

This database lists all certificates of approval issued since October 2011. The Site was not listed in this database although one other property within the Study Area is listed as shown below.

Table 4.4 Summary of Environmental Compliance Approval Database

Address	CofA No.	Project Type	Status/Description
Enbridge Gas Distribution Inc. 49-51 Campbell Street Collingwood, ON	8226-7TPP6M (02/21/2010)	Air	Approved.

ERIS Historical Searches (March 1999-Aug 2014)

This database contains a compilation of all environmental risk reports requested by others since March 1999. Three properties in the Phase One Study Area were listed in the database and are shown in Table 4.5 below:

Table 4.5 Summary of ERIS Historical Searches

Address	Order No.	Date	Type of Report	Search Radius
37 Campbell Street, Collingwood	20070614011	06/22/2007	Complete Report	0.25km
728 Hurontario Street, Collingwood	20130621007	07/02/2013	Standard Report	0.25km
804 Hurontario Street, Collingwood	20130903042	09/12/2013	Custom Report	0.25km

List of TSSA Expired Facilities (Prior to 2016)

This database contains a list of all expired facilities that fall under TSSA jurisdiction. The Phase One Study Area was not listed in this database. One other property within the Phase One Study Area had 10 entries which are listed in Table 4.6.

Table 4.6 Summary of TSSA Expired Facilities

Location	Date	Instance Number	Instance Type	Status
Wright Motors Ltd. 645 Hurontario Street, Collingwood	05/17/1994	10683622 10683634 10683628	FS Liquid Fuel Tank (Gasoline Station – Full Serve)	Expired

Table 4.6 Summary of TSSA Expired Facilities

Location	Date	Instance Number	Instance Type	Status
Wright Motors Ltd. 645 Hurontario Street, Collingwood	-	10683637 10683631 10683625	FS Piping	Expired
Wright Motors Ltd. 645 Hurontario Street, Collingwood	05/17/1994	9854816	FS Facility	Expired

MOECC Hazardous Waste Information System (HWIS) 1986-Sept 2016

The MOECC HWIS database was searched between the years 1986 and 2016. A summary of the findings can be found in the following table.

Table 4.7 Summary of O.Reg. 347 Waste Management Records

Address	Generator Number	Direction from Phase One Property	Waste Class	Waste Description	Years
Parkview Transit 37 Campbell Street, Collingwood	ON1143702	Northeast	112 122 148 211 212 213 221 251 252 263 264	Acid Waste - Heavy Metals Alkaline Wastes – Other Metals Inorganic Laboratory Chemicals Aromatic Solvents Aliphatic Solvents Petroleum Distillates Light Fuels Oil Skimmings & Sludges Waste Oils & Lubricants Organic Laboratory Chemicals Photoprocessing Wastes	1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013
Enbridge Gas Distribution Inc. 51 Campbell Street, Collingwood	ON8752025	Northeast	146 221	Other specified inorganic sludges, slurries or solids Light Fuels	2013, 2014, 2015, 2016, 2017
Simcoe County District School Board Collingwood Collegiate Institute 6 Cameron Street Collingwood	ON0358104	North	121 251 112 252 148 331 264 212 122 213 145 211 263 232	Alkaline Wastes – Heavy Metals Oil Skimmings & Sludges Acid Waste - Heavy Metals Waste Oils & Lubricants Inorganic Laboratory Chemicals Waste Compressed Gases Photoprocessing Wastes Aliphatic Solvents Alkaline Wastes – Other Metals Petroleum Distillates Paint/Pigment/Coating Residues Aromatic Solvents Organic Laboratory Chemicals Polymeric Resins	1986, 1987, 1988, 1989, 1990, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2015, 2016

The Phase One Property was not listed in this database. Three properties within the Phase One Study Area were registered in the MOECC HWIS database for various wastes. The remaining properties located within the Phase One Study Area are not listed in the MOECC HWIS database.

TSSA Historic Incidents (2006 – June 2009)

A search of the Technical Standards and Safety Authority (TSSA) Historic Incidents database did not reveal any fuel spills or related incidents on the Phase One Property. The Phase One Study Area had three entries which is shown in Table 4.8 below:

Table 4.8 Summary of TSSA Historic Incidents

Location	Date	Fuel Occurrence Type	Fuel Type	Property Damage	Cause
14 Golf View Drive, Collingwood	11/21/2006	Pipeline Strike	Natural Gas	No	Training/Management
546 Maple Street, Collingwood	07/16/2008	Pipeline Strike	Natural Gas	No	Management/Human Factors
544 Maple Street, Collingwood	08/18/2008	Pipeline Strike	Natural Gas	No	Construction Strike

Pesticide Register (1988- Oct 2016)

The MOECC maintains a database of all vendors and manufacturers of registered pesticides (but not pesticide end-users). Two properties within the Phase One Study Area were listed within this database. One property located to the north of the Phase One Property identified by the business name “Weed Tamer” located at 2 Campbell Street in Collingwood was listed in this database. Also, one property located to the southeast of the Phase One Property with the business name “Diane’s Garden”, located at 833 Hurontario Street was listed as a Limited Vendor (License #23-01-10636-0).

TSSA Pipeline Incidents

This database includes spills, strikes and leaks from pipeline incidents recorded by the TSSA. Three incidents have occurred within the Phase One Study Area which are detailed in Table 4.9:

Table 4.9 Summary of TSSA Pipeline Incidents

Location	Date	Fuel Category	Instance No.	Property Damage	Cause
569 Maple Street, Collingwood	12/12/2016	Natural Gas	1928570	No	Facility was not located or marked
34 Findlay Drive, Collingwood	12/19/2013	Natural Gas	1298552	Yes	Excavation practices not sufficient
34 Findlay Drive, Collingwood	11/21/2013	Natural Gas	1290836	No	No notification made to the one call center

Private and Retail Fuel Storage Tanks (1989-1996)

This database includes an inventory of properties that contain gasoline, oil, waste oil, natural gas and/or propane storage tanks and was created by the Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations (now TSSA Fuels Safety Branch). The Phase One Property was not listed in this database but one other property within the Phase One Study Area was listed. More details are found in Table 4.10.

Table 4.10 Summary of Private and Retail Fuel Storage Tank Database

Location	Location ID	Type	Expiry Date	Capacity (L)	Licence #
Wright Motors Ltd. 645 Hurontario Street Collingwood	3349	Retail	1995-05-31	24,500	0059794001

Scott's Manufacturing Directory (1992-Mar 2011)

Scott's Directories contains information on over 200,000 manufacturers across Canada. The Phase One Property was not listed in this directory although one property located in the north portion of the Phase One Study Area was. The table below shows the description of the entry in the database:

Table 4.11 Summary of Scott's Manufacturing Directory

Address	Established	Description
The Candy Factory Ltd. 645 Hurontario Street Collingwood	1972	Confectionary Manufacturing from Purchased Chocolate Non-Chocolate Confectionary Manufacturing

Ontario Spills (1988 – June 2015)

A review of the Ontario Spills database indicated that no spills have occurred on the Phase One Property. The following table describes five spills which occurred within the Phase One Study Area:

Table 4.12 Summary of Ontario Spills

Address	Ref No.	Date	Incident Cause	Nature of Impact	SAC Action Class	Incident Summary
Enbridge Gas Distribution Campbell Street, West of Hurontario Street, Collingwood	5535- 9C3V4Q	10/01/2013	Start Up/Shut Down	Air Pollution	TSSA – Fuel Safety Branch – Hydrocarbon Fuel Release/Spill	Enbridge: Controlled gas release
Enbridge Gas Distribution Campbell Street, West of Hurontario Street, Collingwood	8867- 9C9U2A	10/07/2013	Start Up/Shut Down	Air Pollution	TSSA – Fuel Safety Branch – Hydrocarbon Fuel Release/Spill	Enbridge: Controlled gas release
Enbridge Gas Distribution Campbell Street, West of Hurontario Street, Collingwood	6406- 9C523W	10/02/2013	Start Up/Shut Down	Air Pollution	TSSA – Fuel Safety Branch – Hydrocarbon Fuel Release/Spill	Enbridge: Controlled gas release
Public School Board at the Collingwood Collegiate, 6 Cameron Street Heating Fuel Storage Tank, Collingwood	156880	06/16/1998	Other Container Leak	Soil Contamination	-	200L of Used Cooking Grease to Ground from Drum
Penny and Casson Contractors Collingwood Collegiate Institute, Collingwood	31427	02/27/1990	Pipe/Hose Leak	-	-	App. 80L of Hydraulic Oil to Ground

National Pollutant Release Inventory – Environment Canada (1993-2013)

A search of the National Pollutant Release Inventory, published by Environment Canada, revealed that the Phase One Property and properties within the Phase One Study Area were not registered in the National Pollutant Release Inventory database.

National Heritage Information Center – Ontario MNRF

A search of the National Heritage Information Center (NHIC) database published by the Ontario Ministry of Natural Resources and Forestry (MNRF) revealed that the Phase One Property and/or properties within the Phase One Study Area may provide habitat for Species at Risk as shown in Table 4.13:

Table 4.13 Summary of NHIC Database Results

Species at Risk	Scientific Name	Status	Last Observation Date
Shining-branch Hawthorn	<i>Crataegus magniflora</i>	S3	1958-08-08
Stiff Yellow Flax	<i>Linum medium</i> var. <i>medium</i>	S3	-
A Lichen	<i>Melanelia subargentifera</i>	S1S3	1976-07-27

According to the MNR Natural Heritage Map, no threatened or endangered species have been observed on the Phase One Property and therefore the Phase One Property is unlikely to be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended.

Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario - MOECC

A Waste Disposal Site Inventory published by the MOECC lists former coal gasification plants and industrial sites producing and using coal tar and related tars. Given that the nearest site is located approximately 21 km to the northwest of the Phase One Property, no environmental impacts from these sites on the Phase One Property are anticipated.

Technical Standards & Safety Authority (TSSA) Inquiry

A direct inquiry was made to the TSSA for any records pertaining to the Phase One Property. A response was received indicating that no records were found in the database for any fuel storage tanks for 774 Hurontario Street. An inquiry was sent to the TSSA regarding 750 Hurontario Street and 33 Findlay Drive. A response has yet to be received as of the date of this report. The client will be made aware of any records found. The inquiries made by WSP can be found in Appendix D.

MOECC Freedom of Information Request

A request was submitted to the MOECC Freedom of Information and Protection of Privacy Office to determine if there were any environmental incidents or violations associated with the Phase I property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the Phase One Property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the Phase One Property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills in the Phase One Property vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MOECC was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground and underground storage tanks (ASTs and USTs); monitoring data, including that done at the request of the MOECC; historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

The request form can be found in Appendix D. A response has not yet been received from the MOECC. The client will be made aware of any records identified by the file search when a response is received from the MOECC.

Oak Ridges Moraine Conservation Plan Land Use Designation Map (2002)

A review of this map revealed that the Phase One Property and the Phase One Study Area are not located within a natural core area or a natural linkage area of the Oak Ridges Moraine.

Niagara Escarpment Plan Maps (2005)

A review of these maps indicated that the Phase One Property and the Phase One Study Area are not located within the Niagara Escarpment Plan.

Waste Disposal Sites - Ontario MOE (1991)

A review of a Waste Disposal Site Inventory published by the MOECC indicated that there are no active or closed waste disposal sites located within the Phase One Study Area listed within this database.

4.2 PHYSICAL SETTING SOURCES

A summary of the physical setting sources reviewed by WSP as part of this Phase One ESA is provided in Table 4.14:

Table 4.14 Summary of Physical Setting Sources

SOURCE	RECORDS REVIEW RESULTS
i. Aerial Photographs – National Air Photo Library and Google Earth Satellite Images	Aerial photographs for the years 1938 and 1969 were obtained from the National Archives Collection. The County Atlas of Simcoe was utilized to obtain an image from 1880. Simcoe County GIS was utilized to obtain an aerial photograph from 1989 and satellite images from 2002 and 2016. Information obtained from these photographs and maps is summarized below and copies of the documents are provided in Appendix E: Simcoe County Atlas – 1880 The Phase One Property is situated within Lot 41, Concession 9 which appears to have been used for agricultural or residential purposes at this time. No structures or labels appear on the Phase One Property, or within the Phase One Study Area. Hurontario Street and Campbell Street appear to have been constructed at this time. Pretty River and Georgian Bay appear in a similar configuration as present day. 1938 The northern portion of the Phase One Property appears similar to present day with the existing house and orchard in the backyard of 774 Hurontario Street and the existing house on 750 Hurontario Street. The southern portion (33 Findlay Drive) appears to be part of a large agricultural lot. In the orchard, there are more apple trees present at this time and it appears the current northeast adjoining property on Hurontario Street was a part of the orchard. The neighbouring properties appear to have been used for agricultural and residential purposes. Hurontario Street, Campbell Street, Findlay Drive, Tracey Lane and some of Maple Street appear to have been constructed at this time. 1969 This Phase One Property appears similar to the 1938 aerial photograph with the exception of the lots surrounding 33 Findlay Drive being developed as residential properties. It is unclear if 33 Findlay Drive has been developed as residential during this time. The historical gas station and bus repair shop appear to have been developed in the north area of the Phase One Study Area. More roads in the southwest portion of the Phase One Study Area have been developed at this time. 1989 This aerial photograph closely resembles the 1969 aerial photograph. 2002 The Phase One Property configuration appears similar to present day. The Maple Street residential extension has been developed. Newbourne Street and Stanley Street have yet to be developed. The remaining properties within the Phase One Study Area appear similar to present day. 2016 The Phase One Property is shown in its current configuration. All properties within the Phase One Study Area also appear similar to present day with the exception of the school located on the southwest adjoining property which is under construction.

II. Topography, Hydrology, Geology-The Atlas of Canada (Toporama website), OGS Earth website by Ontario Ministry of Northern Development, Mines and Forestry	The Phase One Property is relatively flat with an elevation of approximately 189-200 masl. The topography in the vicinity of the Phase One Property slopes down to the north. A topographic map can be found in Appendix F. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the north towards Georgian Bay. The groundwater flow direction on the Phase One Property may only be confirmed through long-term groundwater well monitoring. The central portion of the Site is situated within a beach physiographic region while the north and south portions are located in a sand plains region. The surficial geology in the vicinity of the Site is described as “coarse-textured glaciolacustrine deposits consisting of sand, gravel, minor silt and clay (derived from foreshore and basinal deposits)”. The underlying bedrock within the area generally consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group; Simcoe Group; Shadow Lake Formation. The bedrock in the vicinity of the Site is estimated to begin at a depth of approximately of 8.5 to 10.4 mBGS based on available MOECC Water Well Records. According to the Geotechnical Investigation on 774 Hurontario Street by WSP performed in conjunction with this study, the bedrock on the Site is deeper than 5.2 mBGS.
iii. Fill Materials	No fill material was observed on the Phase One Property during the site reconnaissance and the Geotechnical Investigation underway by WSP. Fill may have been used under the driveway and tennis court and during the construction of the houses.
iv. Water Bodies and Areas of Natural Significance	The nearest surface water body is the Pretty River, which is located approximately 1.1 km southeast of the Phase One Property and runs in a south to north direction. Georgian Bay is located 2.0 km north of the Phase One Property. No threatened or endangered species have been observed on the Phase One Property and therefore the Phase One Property is unlikely to be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended. There are no Areas of Natural Significance within the Phase One Study Area.
v. Well Records	There were three (3) well records found for the Site, as well as fifteen (15) throughout the Phase One Study Area. The approximate well locations are shown on Drawing 2. Three monitoring observation wells were installed on 774 Hurontario Street by WSP in June, 2017 and were observed during the site reconnaissance. The MOECC Water Well records can be found in Appendix G.

4.3 SITE OPERATING RECORDS

To be classified as an “enhanced investigation property” under O. Reg. 153/04, the Phase One Property must be used or have been used in whole or in part for one or more of the following uses:

- any industrial use;
- a garage;
- a bulk liquid dispensing facility, including a gasoline outlet; and/or
- operation of dry cleaning equipment.

The Phase One Property appears to have been historically used for residential purposes, and as such is not considered an enhanced investigation property.

5 INTERVIEWS

Ms. Gail Gillespie, one of the current owners of 33 Findlay Drive was interviewed as part of this investigation. Details of the interview are presented in Table 5.1 below:

Table 5.1 Details of Interview with Ms. Gail Gillespie

REQUIRED INFORMATION	SPECIFICS								
i. Date, place, and method of the interviews and the name of person being interviewed	<table> <tr> <td>Date:</td><td>October 24, 2017</td></tr> <tr> <td>Place:</td><td>In Person at 33 Findlay Drive</td></tr> <tr> <td>Interview Method:</td><td>Phase One ESA Questionnaire</td></tr> <tr> <td>Interviewee:</td><td>Ms. Gail Gillespie</td></tr> </table>	Date:	October 24, 2017	Place:	In Person at 33 Findlay Drive	Interview Method:	Phase One ESA Questionnaire	Interviewee:	Ms. Gail Gillespie
Date:	October 24, 2017								
Place:	In Person at 33 Findlay Drive								
Interview Method:	Phase One ESA Questionnaire								
Interviewee:	Ms. Gail Gillespie								
ii. Reason why the person was identified as an interview subject	Ms. Gail Gillespie is one of the current homeowners of 33 Findlay Drive and has owned the property since 1999. She is considered knowledgeable about the site.								
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	Ms. Gillespie advised WSP that 33 Findlay Drive was owned by her and Bruce McInnes since 1999. To her knowledge the property use has always been residential. No fill or other materials have been stored or placed on Site. No spills or fires have occurred on the Phase One Property. The house has a potable well and septic tank and is serviced by municipal waste removal. No USTs or ASTs have been located on the property.								
Reliability or Validity	Comparison of the information provided by Ms. Gillespie with information collected through the records review discussed in Section 4 revealed no significant differences. Based on this assessment, WSP considers Ms. Gillespie a reliable source of information about the Site.								

Ms. Dorothy Rhea Dennis, the current owner of 750 Hurontario Street was interviewed as part of this investigation. Details of this interview are presented in Table 5.2 below:

Table 5.2 Details of Interview with Ms. Dorothy Rhea Dennis

REQUIRED INFORMATION	SPECIFICS								
i. Date, place, and method of the interviews and the name of person being interviewed	<table> <tr> <td>Date:</td><td>October 24, 2017</td></tr> <tr> <td>Place:</td><td>In Person at 750 Hurontario Street</td></tr> <tr> <td>Interview Method:</td><td>Phase One ESA Questionnaire</td></tr> <tr> <td>Interviewee:</td><td>Mr. Dorothy Rhea Dennis</td></tr> </table>	Date:	October 24, 2017	Place:	In Person at 750 Hurontario Street	Interview Method:	Phase One ESA Questionnaire	Interviewee:	Mr. Dorothy Rhea Dennis
Date:	October 24, 2017								
Place:	In Person at 750 Hurontario Street								
Interview Method:	Phase One ESA Questionnaire								
Interviewee:	Mr. Dorothy Rhea Dennis								

ii. Reason why the person was identified as an interview subject	Ms. Dorothy Rhea Dennis has been the owner of 750 Hurontario Street since 1981. She is considered knowledgeable about the site.
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	Ms. Dennis told WSP the property use of 750 Hurontario Street has always been residential. To her knowledge, no fill or other materials have been stored or placed on Site. No spills or fires have occurred on the western half of the property. The Site is serviced with municipal water and wastewater.
Reliability or Validity	Comparison of the information provided by Ms. Dennis with information collected through the records review discussed in Section 4 revealed no significant differences. Based on this assessment, WSP considers Ms. Dennis a reliable source of information about the Site.

Mr. Lorne Kenney and Mrs. Susan Kenney, the current owners of 774 Hurontario Street were interviewed as part of this investigation. Details of this interview are presented in Table 5.3 below:

Table 5.3 Details of Interview with Mr. Lorne and Susan Kenney

REQUIRED

INFORMATION

SPECIFICS

iv. Date, place, and method of the interviews and the name of person being interviewed	Date:	July 6, 2017
	Place:	In Person at 774 Hurontario Street
	Interview Method:	Phase One ESA Questionnaire
	Interviewee:	Mr. Lorne Kenney and Mrs. Susan Kenney
v. Reason why the person was identified as an interview subject	Mr. Lorne Kenney and Mrs. Susan Kenney are the current homeowners of 774 Hurontario Street and have owned the property since 1999. The property has been in Lorne's family for approximately 100 years. They are considered knowledgeable about the site.	
vi. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	Mr. and Mrs. Kenney told WSP that the property has been in their family for around a century and the house was built in approximately 1914. The Site has always been residential with an orchard in the backyard. No fill or other materials have been stored or placed on Site. No spills or fires have occurred on the property. The Site historically had a potable well and septic tank which has since been removed and the Site is now serviced with municipal water and wastewater. Mr. and Mrs. Kenney mentioned having a heating fuel oil tank located on the Phase One Property prior to having the gas furnace installed.	

Reliability or Validity	Comparison of the information provided by Mr. and Mrs. Kenney with information collected through the records review discussed in Section 4 revealed no significant differences. Based on this assessment, WSP considers Mr. and Mrs. Kenney a reliable source of information about the Site.
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6 SITE RECONNAISSANCE

6.1 WRITTEN DESCRIPTION OF THE INVESTIGATION

A description of the investigation and reconnaissance are documented throughout Section 6.0 with areas of environmental concern identified and discussed in Section 7.0. Site reconnaissance investigation notes are provided in Table 6.1 and 6.2:

Table 6.1 First Site Reconnaissance Investigation Notes

CRITERION	PHASE ONE PROPERTY INFORMATION
i. date and time of the investigation	July 6, 2017 from 2:00pm to 4:00pm
ii. weather conditions	The temperature was approximately 29°C and weather conditions were sunny.
iii. whether the facility was operating at the time of the investigation, where the phase one property is an enhanced investigation property that is currently being used for one of the uses described in clause 32 (1) (b) to which subsection 32 (2) does not apply	This reconnaissance was conducted only for 774 Hurontario Street which was being utilized as a residential property at the time. WSP had recently completed a Geotechnical Investigation at the Site. The geotechnical investigation was completed concurrently and separately from this Phase One ESA. Select photographs taken during the Site reconnaissance are provided in Appendix H.
iv. The name and qualifications of the person conducting the investigation	A site reconnaissance was conducted by Ms. Nicole Collins, a WSP environmental technician. Ms. Collins' qualifications are outlined in Section 8.3.

Table 6.2 Second Site Reconnaissance Investigation Notes

CRITERION	PHASE ONE PROPERTY INFORMATION
i. date and time of the investigation	October 24, 2017 from 4:00pm to 5:00pm
ii. weather conditions	The temperature was approximately 15°C and weather conditions were overcast/windy.
iii. whether the facility was operating at the time of the investigation, where the phase one property is an enhanced investigation property that is currently being used for one of the uses described in clause 32 (1) (b) to which subsection 32 (2) does not apply	This reconnaissance was for 33 Findlay Drive and the west half of 750 Hurontario Street which were both being utilized as residential property at the time of site reconnaissance. Select photographs taken during the Site reconnaissance are provided in Appendix H.

iv. The name and qualifications of the person conducting the investigation	A site reconnaissance was conducted by Ms. Nicole Collins, an environmental technician with WSP. Ms. Collins' qualifications are outlined in Section 8.3.
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6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

Table 6.3 summarizes the specific site reconnaissance observations made by WSP:

Table 6.3 Site Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
General	
i. Subject Site Structures and Improvements including Below-Ground Structures	The Phase One Property consists of three residential properties including: • 33 Findlay Drive- This property contains a house with a shed in the backyard. The single-storey house with a basement was built around 1974. It has a poured concrete foundation with brick exterior walls and a shingled roof. The interior mainly consisted of hard wood and vinyl flooring and drywall-clad walls and ceilings. • 750 Hurontario Street (Western half)- The western half of this property contains an asphalt-surfaced tennis court. • 774 Hurontario Street- This property contains a house with an orchard in the backyard as well as a small strip to the north connecting to Campbell Street. The two-storey house with a basement was built around 1914. It has a mortar and stone foundation with block and stucco exterior walls and a shingled roof. The interior mainly consisted of hard wood flooring and drywall-clad walls and ceilings. An addition was built onto the west side of the house around 2009. The backyard consists of an apple orchard and the north strip connecting to Campbell Street is vacant.
ii. Underground Storage Tanks	No evidence of underground storage tanks was observed.
iii. Above Ground Storage Tanks	No evidence of aboveground storage tanks was observed.
iv. Potable and Non-potable Water Sources	One potable well is located on 33 Findlay Drive while the other houses with municipal water.
Underground Utilities and Corridors	
Underground Utilities and Corridors	The Phase One Property is expected to have underground utilities most likely leading out to Hurontario Street and Findlay Drive from the houses. It is unlikely there are any underground utilities throughout the orchard. Overhead power lines were observed within the Phase One Study Area.

Features and Structures of On-site Buildings	
i. Entry and Exit Points	There are entry and exit points on the north and south sides of the house located on 33 Findlay Drive and the west, north and east sides of the house located on 774 Hurontario Street on the Phase One Property.
ii. Heating & Cooling Systems	The houses located on the Phase One Property are heated with forced air natural gas furnaces located in the basements and cooled with external air conditioning units.
iii. Drains, Pits, Sumps	No drains or pits were located on the Phase One Property. Two sump pumps were located in the basement of 774 Hurontario Street and one sump pump was located in the basement of 33 Findlay Drive.
iv. Unidentified Substances	No unidentified substances were observed within the Phase One Property.
i. Wells	One potable well is currently located on 33 Findlay Drive. The current site owners of 774 Hurontario Street mentioned previously having a well which had been decommissioned around the year 2000. Three groundwater monitoring observation wells were installed on 774 Hurontario Street by WSP in June, 2017 which were observed during the site reconnaissance.
ii. Sewage Works	There is a septic bed located in the backyard of 33 Findlay Drive. The current site owners of 774 Hurontario Street mentioned having a septic tank which had been removed around 2000. The property is currently serviced with municipal sewage.
iii. Ground Surface	The ground surface within the Site consisted of mainly vegetation at the time of the site reconnaissance. The east and south sides consist of foundations for the houses, asphalt drive ways and an asphalt tennis court.
iv. Railway Lines and Spurs	There was no indication of any former or current rail lines or spurs on the Phase One Property or within the Phase One Study Area.
i. Stained Soil, Vegetation or Pavement	No areas of stained soil, pavement, or vegetation were observed on the Site.
ii. Stressed Vegetation	No evidence of stressed vegetation was observed on the Site.
iii. Areas where fill and debris materials appear to have been placed or graded	No fill material was observed on the Phase One Property during either the site reconnaissance or the Geotechnical Investigation underway by WSP. Fill may have been used under the driveway and tennis court and during the construction of the houses.
iv. Potentially contaminating activity	PCA No. 40 per O. Reg. 153/04. Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
v. Details of unidentified substances found at the property	None observed.

Enhanced Investigation Property	To be classified as an enhanced investigation property, the Phase One Property must be used or have been used in whole or in part for one or more of the following uses: — any industrial use; — a garage; — a bulk liquid dispensing facility, including a gasoline outlet; and/or — operation of dry cleaning equipment. The Phase One Property is not considered an enhanced investigation property.
i. PCB Materials and Equipment	None observed.
ii. Lead Containing Materials	Due to the age of the houses, lead-containing paint may have been used in interior and exterior building finishes of the dwelling on the property. Lead may also be expected to be present within electrical components. Precautions should be taken to limit exposure to potential lead dust during renovations that involve grinding or sanding down of painted surfaces.
iii. Asbestos Containing Materials	Due to the age of the houses, it is possible that asbestos containing materials (ACMs) are present in building materials such as mechanical insulation, plaster, cement parging, and drywall joint compound, etc. Ontario Regulation 278/05 of the Occupational Health & Safety Act requires that the owner of any building with the potential to contain ACM conduct an inventory of potential materials. All identified ACM must be managed and/or disposed of in accordance with the Act, and building occupants must be made aware of such materials that they may come into contact with.
iv. Urea Formaldehyde Foam Insulation	None observed.
v. Ozone Depleting Substances	None observed.
vi. Herbicides and Pesticides	None observed, although historical use is possible due to the apple orchard located in the backyard of 774 Hurontario Street.
vii. Pits and Lagoons	None observed.
viii. Air Emissions	None observed.

6.3 OBSERVATIONS WITHIN PHASE ONE STUDY AREA

As part of the site reconnaissance, a visual inspection of adjacent properties and properties located within the Phase One Study Area was conducted from the perimeter of the Site and from publicly accessible areas to identify any PCAs. At the time of the site reconnaissance, land use within the Phase One Study Area was primarily residential and community as listed in Table 6.4 below:

Table 6.4 Phase One Study Area Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
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Adjacent Land Uses	Adjacent land uses at the time of the site reconnaissance are illustrated on Drawing 2 and summarized below: <u>North:</u> Residential; <u>South:</u> Residential and Community; <u>East:</u> Residential; and <u>West:</u> Residential.
Water Bodies	The nearest surface water body is the Pretty River, which is located approximately 1.1 km southeast of the Phase One Property and runs in a south to north direction. Georgian Bay is located 2.0 km north of the Phase One Property.
Areas of Natural Significance	As mentioned in Table 4.13, no threatened or endangered species have been observed on the Phase One Property and therefore the Phase One Property is unlikely to be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended. There are no Areas of Natural Significance within the Phase One Study Area.

7 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND HISTORICAL USES

Table 7.1, 7.2 and 7.3 summarizes the current and historic property uses within the Site as inferred from records obtained by WSP:

Table 7.1 Current and Past Land Uses of 33 Findlay Drive

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Prior to 1974	Various Private Individuals	Agricultural	Agricultural	Based on the 1938 aerial photograph and the interview, the residential dwelling within the Phase One Property was likely constructed in the mid-1970s.
1974 - 1997	Jim McInnes and possible other private individuals	Residential	Residential	Based on the 1989 aerial photograph and the interview, the Phase One Property use was residential during this time.
1997-1999	Ray Powell	Residential	Residential	Based on the interview, the Phase One Property use was residential during this time.
1999-present	Bruce McInnes and Gail Gillespie	Residential	Residential	Based on the 2002 and 2016 satellite images, the interview and the site reconnaissance, the Phase One Property use was residential during this time.

Table 7.2 Current and Past Land Uses of 750 Hurontario Street

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Prior to Approximate ly 1910s	Various Private Individuals	Unknown	Unknown	Based on the 1880 Simcoe County Atlas and the interview, the residential dwelling within the Phase One Property was likely constructed between 1910 and 1920.
Approx. 1910s-1981	Dennis & Robin Maurice and other private individuals	Residential	Residential	Based on the 1938 and 1969 aerial photographs and the interview, the Phase One Property use was residential during this time.
1981-present	Dorothy Rhea Dennis	Residential	Residential with tennis court	Based on the 1981 aerial photograph, the 2002 and 2016 satellite images, the interview and the site reconnaissance, the Phase One Property use was residential with a tennis court in the backyard during this time.

Table 7.3 Current and Past Land Uses of 774 Hurontario Street

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Prior to Approximately 1914	Various Private Individuals	Unknown	Unknown	Based on the 1880 Simcoe County Atlas and the interview, the residential dwelling within the Phase One Property was likely constructed between 1910 and 1920 (possibly 1914).
Approx. 1914 to 1956	Lorne and Ethyl Kenney	Residential	Residential with small orchard	Based on the 1938 aerial photograph and the interview, the Phase One Property use was residential with an orchard in the backyard during this time.
1956-1999	John and Leone Kenney	Residential	Residential with small orchard	Based on the 1969, 1989 aerial photographs and the interview, the Phase One Property use was residential with an orchard in the backyard during this time.
1999-present	Lorne and Susan Kenney	Residential	Residential with small orchard	Based on the 2002 and 2016 satellite images, the interview and the site reconnaissance, the Phase One Property use was residential with an orchard in the backyard during this time.

In WSP's opinion, the information shown in Tables 7.1, 7.2 and 7.3 was sufficient to establish historical uses within the Phase One Property without the need for a title search.

7.2 POTENTIALLY CONTAMINATING ACTIVITY

PCAs on the Site or within the Phase One Study Area are summarized in Table 7.2 below. All PCAs including the number and location of USTs (if known) are illustrated on the Phase One CSM provided as Drawing 2.

Table 7.4 below summarizes three PCAs which were identified within the Phase One Study Area:

Table 7.4 Summary of PCAs

PCAs	DESCRIPTION
PCA No. 28 Gasoline and Associated Products Storage in Fixed Tanks	Phase One Property – During the interview, Mr. and Mrs. Kenney mentioned having a heating fuel oil tank located on the Phase One Property prior to having the gas furnace installed. Due to the location of the tank being directly located on the Phase One Property, this PCA contributes to an APEC, which is identified in this report as APEC-1. Phase One Study Area – According to the November 1955 Fire Insurance Plan for Collingwood, four underground storage tanks were located in the Phase One Study Area. One 10,000 gallon fuel oil tank was located on the high school property to the north on the north portion of the property and three underground storage tanks were located on a property also located in the north portion of the Phase One Study Area which was a gas station at the time. Due to the northerly direction of inferred groundwater flow, and due to the Phase One Property being located at a higher elevation, it is unlikely that this PCA constitutes an APEC.

PCA No. 40 Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Phase One Property – An apple orchard is located in the backyard of the Phase One Property. Soil samples were collected for OC Pesticides during the Geotechnical Investigation performed by WSP in June of 2017. Two samples collected between 0-0.6m BGS exceeded the Table 1 criteria for the pesticide DDE. The extent of the DDE exceedance is unknown. Since this PCA is located on the Phase One Property, this PCA contributes to an APEC, which is identified in this report as APEC-2.
PCA No. 52 Storage, Maintenance, Fuelling and Repair of Equipment Vehicles, and Material Used to Maintain Transportation Systems	Phase One Study Area – A property was listed in the Ontario Reg. 347 Waste Generators Summary database as Parkview Transit, historically a repair business for buses located at 37 Campbell Street in the north portion of the Phase One Study Area. Due to the topography of the Phase One Study Area and the inferred groundwater flow direction to the north towards Georgian Bay, it is unlikely that this PCA constitutes an APEC.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

APECs identified during this Phase I ESA are summarised in the table below. The table was prepared in accordance with clause 16(2) (a), Schedule D, O.Reg. 153/04.

Table 7.5 Summary of APECs

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 Historical heating oil tank location	Western portion of Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	On-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-2 Pesticides Application Area	Location of the apple orchard in the backyard of the Phase One Property	PCA No. 40 Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	OC Pesticides, Metals and Inorganics	Soil

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Through analysis and interpretation of available information gathered during the Phase One ESA, a Conceptual Site Model (CSM) was developed for 33 Findlay Drive, 750 Hurontario Street and 774 Hurontario Street in the Town of Collingwood, Ontario.

A Phase One CSM figure for the Site is presented in Drawing 2. The drawing presents the following information for the Phase One Property and Phase One Study Area:

- Any 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 summary of the CSM is presented in Table 7.6 below:

Table 7.6 CSM Summary

CRITERIA	DISCUSSION
i. Show any existing buildings and structures	The Phase One Property contains a house located on the east side of the property located on 774 Hurontario Street and a house and shed located on the south side of the property on 33 Findlay Drive.
ii. Identify and locate water bodies located in whole or in part on the Phase One Study Area	The nearest surface water body is the Pretty River, which is located approximately 1.1 km southeast of the Phase One Property and runs in a south to north direction. Georgian Bay is located 2.0 km north of the Phase One Property. Neither of these water bodies are shown on the Drawing 2.
iii. Identify and locate any areas of natural significance located in whole or in part on the Phase One Study Area	No threatened or endangered species have been observed on the Phase One Property and therefore the Phase One Property is unlikely to be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended. There are no Areas of Natural Significance within the Phase One Study Area.
iv. Locate any drinking water wells at the Phase One Property	No drinking water wells were identified within the Phase One Property.
v. Show roads, including names, within the Phase One Study Area	See Conceptual Site Model (Drawing 2).

vi.	Show uses of properties adjacent to the Phase One Property	Adjacent land uses at the time of the site reconnaissance are illustrated on Drawing 2 and summarized below: North: Residential; South: Residential and Community; East: Residential; and West: Residential.
vii.	Identify and locate areas where any potentially contaminating activity has occurred, and show tanks in such areas	The table of PCAs included in Section 7.2 identify all areas where any PCAs were observed. These PCAs are illustrated in Drawing 2. Three potentially contaminating activities were identified in this investigation: • PCA No. 28: Gasoline and Associated Products Storage in Fixed Tanks • PCA No. 40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications • PCA No. 52: Storage, Maintenance, Fuelling and Repair of Equipment Vehicles, and Material Used to Maintain Transportation Systems Due to the inferred groundwater flow direction to the north, and due to the Phase One Property being located at a higher elevation, only PCAs No. 28 and No. 40 contribute to APECs. Refer to Drawing 2 for a visual depiction of the PCAs identified.
viii.	Identify and locate any areas of potential environmental concern	The table of APECs included in Section 7.3, identify all areas where APECs have been identified. These APECs are illustrated in Drawing 2.
PROVIDE A DESCRIPTION AND ASSESSMENT OF		
i.	Any areas where potentially contaminating activity on or potentially affecting the Phase One Property has occurred	The table of APECs included in Section 7.3, provides a summary of the APECs on the Phase One Property, identifying the location of the PCAs contributing to the on-site APECs.
ii.	Any contaminants of potential concern	The table of APECs included in Section 7.3, provides a summary of the on-site APECs and indicates the associated PCOCs.

iii. The potential for underground utilities, if any present, to affect contaminant distribution and transport	The Phase One Property is expected to have underground utilities most likely leading out to Hurontario Street and Findlay Drive from the houses. It is unlikely there are any underground utilities throughout the orchard. Overhead power lines were observed within the Phase One Study Area.
iv. Available regional or site specific geological and hydrogeological information	The central portion of the Site is situated within a beach physiographic region while the north and south portions are located in a sand plains region. The surficial geology in the vicinity of the Site is described as “coarse-textured glaciolacustrine deposits consisting of sand, gravel, minor silt and clay (derived from foreshore and basinal deposits)”. The underlying bedrock within the area generally consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group; Simcoe Group; Shadow Lake Formation. The bedrock in the vicinity of the Site is estimated to begin at a depth of approximately of 8.5 to 10.4 mBGS based on available MOECC Water Well Records. According to the Geotechnical Investigation on 774 Hurontario Street by WSP performed in conjunction with this study, the bedrock on the Site is at a greater depth than 5.2 mBGS. The Phase One Property is relatively flat with an elevation of approximately 189-200 masl. The topography in the vicinity of the Phase One Property slopes down to the north. A topographic map can be found in Appendix F. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the north towards Georgian Bay. The groundwater flow direction on the Phase One Property may only be confirmed through long-term groundwater well monitoring.
v. 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	During the records review, WSP relied on information obtained from municipal, provincial, and independent sources as referenced in this report. Although the information was assessed for consistency, verification of the accuracy or the completeness of this third party information was not completed. WSP made all reasonable inquiries to obtain accessible information for this assessment as required by CSA Standard Z768-01 (R2012) and O.Reg. 153/04 Schedule D Table 1: Mandatory Requirements for Phase One ESA Reports. All responses to information requests were received prior to completion on this report, except for the MOECC FOI. If MOECC records have the potential to change the findings of this assessment, an addendum will be provided to the Client. The evaluation provided in this report reflects our best judgement in light of the information available at the time of the report preparation.

7.4.1 POTENTIALLY CONTAMINATING ACTIVITY

All PCAs identified within the Phase One Study Area and Phase One Property are shown on Drawing 2 and discussed in Section 7.2.

8 CONCLUSIONS

A Phase One ESA was conducted for the property located at 33 Findlay Drive, 750 Hurontario Street and 774 Hurontario Street located in the Town of Collingwood, Ontario. The Site is currently residential with an orchard in the backyard of 774 Hurontario Street and a tennis court in the backyard of 750 Hurontario Street. The Phase One Property is currently owned by Bruce McInnis and Gail Gillespie (33 Findlay Drive), Dorothy Rhea Dennis (750 Hurontario Street) and Lorne and Susan Kenney (774 Hurontario Street). It is understood that this Phase One ESA may be used to support potential future development and that the filing of a Record of Site Condition is not required at this time.

The scope of this Phase One ESA conforms to the requirements outlined in CSA Standard Z768-01 (R2012) as augmented by O.Reg. 153/04. The objectives of the Phase One ESA were to (i) identify the likelihood of the presence or absence of PCAs on the Phase One Property or within the Phase One Study Area, and (ii) identify the APECs and PCOCs from the PCAs. The results of the Phase One ESA are documented in this report and reflect site conditions observed at the time of the site reconnaissance.

Based on the information obtained as part of the Phase One ESA, it is concluded that three PCAs were identified within the Phase One Study Area. Two (2) PCAs were deemed to contribute to an APEC in, on, or under the Phase One Property. A summary of the PCAs and associated APECs is provided in the table below. The PCA numbers shown below are as per Table 2, Schedule D, of O.Reg. 153/04. Those activities that were deemed to be contributing to an APEC for the Site are summarized below:

Table 8.1 Summary of APECs

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 Historical heating oil tank location	Western portion of Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	On-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-2 Pesticides Application Area	Location of the apple orchard in the backyard of the Phase One Property	PCA No. 40 Pesticides (including Herbicides, Fungicides, and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large- Scale Applications	On-site	OC Pesticides, Metals and Inorganics	Soil

The above-noted PCA was deemed to be contributing to an APEC on the Phase One Property. Based on the APECs identified during this investigation, associated PCOCs include metals, inorganics, PHCs including BTEX, VOCs, PAHs and OC Pesticides. These PCOCs should be investigated by way of a Phase II ESA.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the property; however, a detailed review of

regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

8.1 REQUIREMENT FOR PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

Based on the findings of this Phase One ESA, current and historical PCAs which could adversely affect the environmental condition of the Site were identified; therefore, a Phase Two ESA is required to characterize soil and groundwater quality.

8.2 RECORD OF SITE CONDITION BASED ON PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE

Based on the findings of the Phase One ESA alone, an RSC cannot be filed. WSP understands that an RSC is not required at this time.

8.3 QUALIFIER

This assignment is limited to a data assessment, site inspection, and preliminary analysis of potential areas of contamination. During this assessment, WSP has relied on information obtained from sources as referenced in this report. Verification of the accuracy or completeness of this third-party information was not completed.

Site characterization was limited to the direct observation of visible and accessible locations. Subsurface investigations, sampling, and laboratory analyses were not completed as part of this assessment.

This Phase One ESA is prepared for Straw Hat Restoration solely for their exclusive use in the evaluation of 774 Hurontario Street in the Town of Collingwood, Ontario. It is understood that site conditions, environmental or otherwise, are not static and that this report documents site conditions at the time of the assessment.

The conclusions provided in this report reflect our best judgment in light of the information available at the time of report preparation. Any use, which a third party makes of this report, or any reliance on or any decisions to be made based on it, is the responsibility of such third parties. WSP accepts no responsibility for damages, if any, suffered by any third party because of decisions made or actions based on this report. If site conditions are observed to be different from those reported, please contact us.

8.4 QUALIFICATIONS OF THE ASSESSORS

This report was prepared by Ms. Nicole Collins, an Environmental Technician with WSP. Nicole has Diplomas in the Environmental Technician Program and Ecosystem Management Technology Program from Sir Sandford Fleming College. She has worked on Phase One and Phase Two Environmental Site Assessments (ESA) for five years.

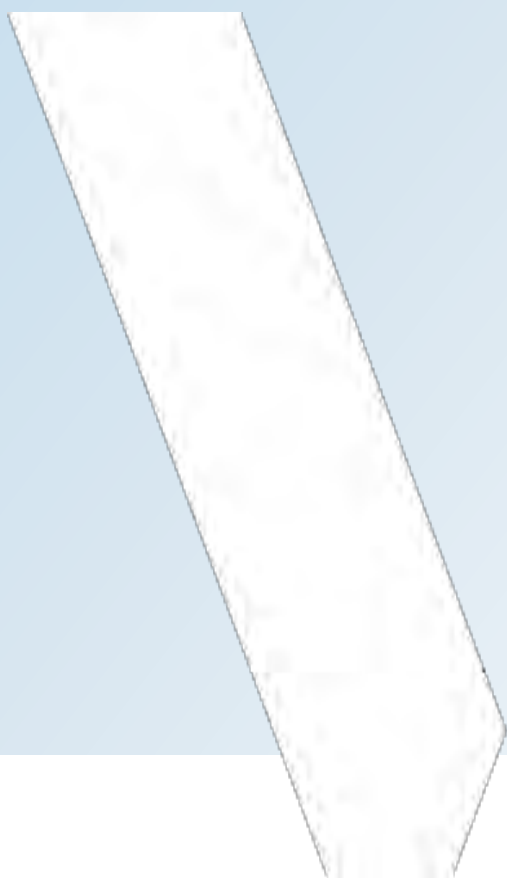
This report was reviewed by Mr. Jay Dolan, P.Eng., QP_{ESA}, a Senior Project Engineer in the Barrie Office of WSP. Jay has over 25 years of experience assessing and remediating contaminated lands, and is a Qualified Person (QP_{ESA}) under O.Reg. 153/04.

9 REFERENCES

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APPENDIX

DRAWINGS





©Google Maps



14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

SITE LOCATION PLAN

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**33 FINDLAY DRIVE, 750 & 774
HURONTARIO STREET,
COLLINGWOOD, ONTARIO**

Scale:
1:11,700

Date:
February 2018

Project:
17M-01364-00

Prepared For: Straw Hat Restoration

Prepared By:
NC

Reviewed By:
JD

Drawing No.
1



POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

28 GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS

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

52 STORAGE, MAINTENANCE, FUELLING AND REPAIR OF EQUIPMENT VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS



14 RONELL CRESCENT, UNIT 1
COLLINGWOOD, ONTARIO CANADA L9Y 4J7
TEL.: 705-445-0064 | FAX: 705-445-0067 | WWW.WSP.COM

LEGEND

- APPROXIMATE PHASE ONE PROPERTY
- PHASE ONE STUDY AREA
- 5 m INTERVAL TOPOGRAPHIC CONTOURS
- WATERCOURSE
- GROUNDWATER FLOW DIRECTION
- MOECC WATER WELL RECORD

- APEC - 1
- APEC - 2



Data Source: Ministry of Natural Resources, Ontario Base Mapping, October 2016.
Imagery, Simcoe County, 2016.

CLIENT:

STRAW HAT RESTORATION

PROJECT:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
38 FINDLAY DRIVE,
750 & 774 HURONTARIO STREET
TOWN OF COLLINGWOOD, ONTARIO

PROJECT NO:

17M-01364-00

DESIGNED BY:

-

DRAWN BY:

TP

CHECKED BY:

JD

FIGURE NO:

2

DATE:

FEBRUARY 2018

TITLE:

CONCEPTUAL SITE MODEL

DISCIPLINE:

ENVIRONMENT

ISSUE:

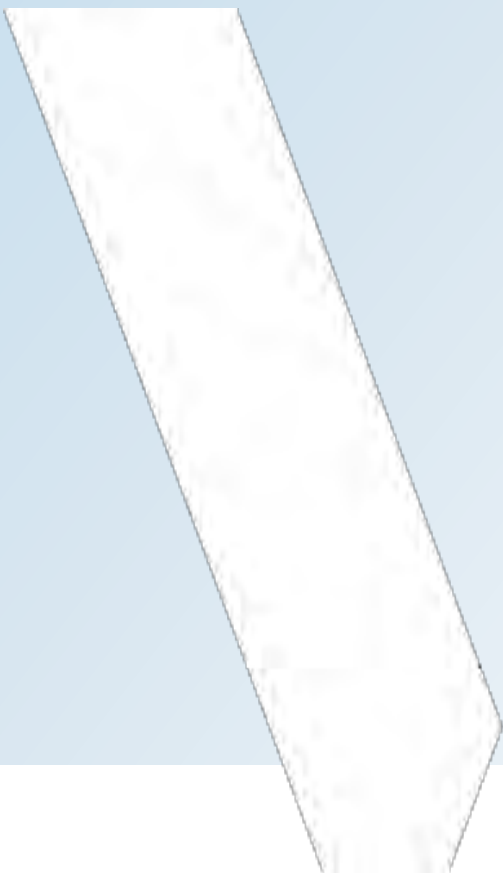
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REV.:

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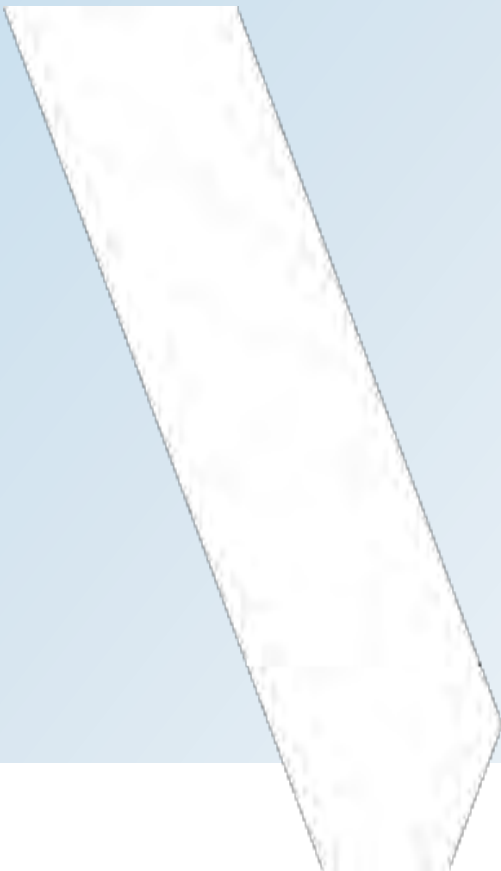
APPENDIX

A LEGAL SURVEY



APPENDIX

B SOIL CHEMISTRY ANALYSIS





Project Number: 17M-01364-00

July 7, 2017

Straw Hat Restoration

325 Willard Avenue

Toronto, Ontario

M6S 3R1

Re: Soil Quality Assessment

774 Hurontario Street

Town of Collingwood, Ontario

INTRODUCTION

WSP Canada Inc. (WSP) was retained by Straw Hat Restoration to complete a geotechnical investigation for the potential development of 774 Hurontario Street located in the town of Collingwood, Ontario.

In order to characterize the quality of the existing materials, a total of seventeen soil samples were collected by WSP personnel. The samples were submitted to AGAT Laboratories for analysis of Metals and Inorganics, Organochlorine (OC) Pesticides, Petroleum Hydrocarbons (PHCs) and BTEX parameters.

A summary of the soil samples collected from the boreholes and the parameters analyzed for each sample is summarized in the table below.

Sample Location	Sample ID	Sample Depth (mbg)	Soil Type	Parameters Analyzed
BH17-01	SS2	0.8-1.4	Sandy Silt Till	Metals and Inorganics, including EC & SAR
BH17-01	SS3	1.5-2.1	Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-01	SS4	2.3-2.9	Sandy Silt Till	Metals and Inorganics, including EC & SAR
BH17-01	SS5	3.1-3.7	Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-02	SS1	0.0-0.6	Topsoil/ Sand	Metals and Inorganics, including EC & SAR
BH17-02	SS2	0.8-1.4	Sand/ Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-02	SS3	1.5-2.1	Sandy Silt Till	Metals and Inorganics, including EC & SAR

Unit 1
14 Ronell Crescent
Collingwood, ON, Canada L9Y 4J7

Tel.: +1 705 445-0064
Fax: +1 705 445-0067
wsp.com

BH17-02	SS4	2.3-2.9	Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-03	SS1	0.0-0.6	Topsoil/ Sand	OC Pesticides
BH17-03	SS2	0.8-1.4	Sand	PHCs (F1-F4) including BTEX
BH17-03	SS3	1.5-2.1	Sandy Silt Till	Metals and Inorganics, including EC & SAR
BH17-03	SS4	2.3-2.9	Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-03	SS5	3.1-3.7	Sandy Silt Till	Metals and Inorganics, including EC & SAR
BH17-04	SS1	0.0-0.6	Topsoil/ Sand to Sand and Gravel	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-04	SS2	0.8-1.4	Sand to Sand and Gravel	Metals and Inorganics, including EC & SAR
BH17-04	SS3	1.5-2.1	Sandy Silt Till	OC Pesticides, PHCs (F1-F4) including BTEX
BH17-04	SS4	2.3-2.9	Sandy Silt Till	Metals and Inorganics, including EC & SAR

Since the potential purpose of the re-use of soils is unknown, the results were compared to Table 1 Full Depth Background Site Condition Standards for residential/parkland/institutional/ commercial/community property uses and Table 3 Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition as contained in the Ministry of the Environment (MOE) document “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act” (Standards).

The certificate of analysis from the laboratory is attached to this letter report. A summary of the soil quality analysis is provided in the following section.

SOIL QUALITY ASSESSMENT

Soil samples were collected and handled in accordance with generally accepted procedures used by the environmental consulting industry. Prior to each sampling event, new disposable gloves were used to transfer samples to glass jars and vials supplied by the laboratory. All soil samples were kept under refrigerated conditions during field storage and transportation to the environmental analytical laboratory.

No visual or olfactory evidence of environmental impact (debris or staining) was noted in any of the soil samples collected.

The chemical analysis was conducted by AGAT Laboratories located in Mississauga, Ontario. AGAT is a member of the Canadian Association for Laboratory Accreditation (CALA) and meets the requirements of Section 47 of O.Reg. 153/04 certifying that the analytical laboratory be accredited in accordance with the International Standard ISO/IEC 17025 and with standards developed by the Standards Council of Canada.

Based on the results of the chemical analysis, WSP provides the following conclusions:

- All samples met the Table 1 criteria, for the parameters tested with the exception of the following:
 - o BH17-03 SS1 for DDE with 0.13 ug/g (Table 1 criteria is 0.05 ug/g); and,
 - o BH17-04 SS1 for DDE with 0.057 ug/g (Table 1 criteria is 0.05 ug/g).



- All samples met the Table 3 criteria, for the parameters tested.

The results of this soil quality assessment are based on the soil samples collected from the borehole locations and the parameters analyzed, and is not intended to constitute a Phase Two Environmental Site Assessment and as such does not comment on the environmental condition of the site. Soil quality may vary at locations other than those tested.

We trust this letter report satisfies your needs. If there are questions or you need more information, please do not hesitate to contact our office.

WSP Canada Inc.

A handwritten signature in blue ink, appearing to read 'Gord Jarvis'.

Gord Jarvis, Team Lead - Environment

Collingwood Office

**CLIENT NAME: WSP CANADA INC.
561 BRYNE DRIVE, UNITS C&D
BARRIE , ON L4N9Y3
(705) 735-9771**

ATTENTION TO: Jason Murchison

PROJECT: 17M-01364-00

AGAT WORK ORDER: 17T231150

SOIL ANALYSIS REVIEWED BY: Yris Verastegui, Report Reviewer

TRACE ORGANICS REVIEWED BY: Neli Popnikolova, Senior Chemist

DATE REPORTED: Jul 06, 2017

PAGES (INCLUDING COVER): 12

VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (905) 712-5100

***NOTES**

All samples will be disposed of within 30 days following analysis. Please contact the lab if you require additional sample storage time.

AGAT Laboratories (V1)

Member of: Association of Professional Engineers and Geoscientists of Alberta (APEGA)
Western Enviro-Agricultural Laboratory Association (WEALA)
Environmental Services Association of Alberta (ESAA)

AGAT Laboratories is accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA) and/or Standards Council of Canada (SCC) for specific tests listed on the scope of accreditation. AGAT Laboratories (Mississauga) is also accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) for specific drinking water tests. Accreditations are location and parameter specific. A complete listing of parameters for each location is available from www.cala.ca and/or www.scc.ca. The tests in this report may not necessarily be included in the scope of accreditation.

*Results relate only to the items tested and to all the items tested
All reportable information as specified by ISO 17025:2005 is available from AGAT Laboratories upon request*



Certificate of Analysis

AGAT WORK ORDER: 17T231150

PROJECT: 17M-01364-00

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

CLIENT NAME: WSP CANADA INC.

SAMPLING SITE:

ATTENTION TO: Jason Murchison

SAMPLED BY:

O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2017-06-27

DATE REPORTED: 2017-07-04

Parameter	Unit	SAMPLE DESCRIPTION:		SAMPLE TYPE:		DATE REPORTED: 2017-07-04									
		BH17-01 SS2		BH17-01 SS4		BH17-02 SS1		BH17-02 SS3		BH17-03 SS3		BH17-03 SS5		BH17-04 SS2	
		G / S	RDL	2017-06-22	8512961	2017-06-22	8512975	2017-06-22	8512979	2017-06-22	8512984	2017-06-23	8513024	2017-06-23	8513032
Antimony	µg/g	1.3	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Arsenic	µg/g	18	1	3	3	11	3	3	3	3	3	3	3	3	3
Barium	µg/g	220	2	10	24	14	24	24	24	22	24	23	23	12	26
Beryllium	µg/g	2.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Boron	µg/g	36	5	<5	9	<5	7	7	7	7	7	7	7	<5	9
Boron (Hot Water Soluble)	µg/g	NA	0.10	<0.10	0.56	0.25	0.25	0.25	0.25	0.31	0.25	0.50	0.12	0.12	0.41
Cadmium	µg/g	1.2	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	µg/g	70	2	5	8	8	8	8	8	7	8	8	6	6	8
Cobalt	µg/g	21	0.5	2.2	4.5	2.2	3.4	3.2	3.2	3.2	3.9	3.9	2.5	2.5	4.2
Copper	µg/g	92	1	4	11	6	10	8	8	8	8	8	6	6	11
Lead	µg/g	120	1	4	4	32	6	5	5	4	4	4	4	4	4
Molybdenum	µg/g	2	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	µg/g	82	1	3	9	4	7	6	6	7	7	7	4	4	8
Selenium	µg/g	1.5	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Silver	µg/g	0.5	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	µg/g	1	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Uranium	µg/g	2.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	µg/g	86	1	9	13	18	11	11	11	11	12	12	12	12	12
Zinc	µg/g	290	5	13	19	19	20	16	16	16	18	18	14	14	19
Chromium VI	µg/g	0.66	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cyanide	µg/g	0.051	0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Mercury	µg/g	0.27	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Electrical Conductivity	mS/cm	0.57	0.005	0.108	0.159	0.119	0.255	0.163	0.163	0.163	0.169	0.169	0.105	0.105	0.199
Sodium Adsorption Ratio	NA	2.4	NA	0.090	0.262	0.062	0.157	0.231	0.231	0.231	0.267	0.267	0.201	0.201	0.216
pH, 2:1 CaCl2 Extraction	pH Units		NA	7.72	7.76	7.80	7.94	8.01	8.01	8.06	8.06	8.06	7.86	7.86	8.05

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard; Refers to Table 1: Full Depth Background Site Condition Standards - Soil - Residential/Parkland/Industrial/Commercial/Community Property Use

8512961-8513044 EC & SAR were determined on the DI water extract obtained from the 2:1 leaching procedure (2 parts DI water:1 part soil), pH was determined on the 0.01M CaCl2 extract prepared at 2:1 ratio.

Certified By:

Yris Verastegui



Certificate of Analysis

AGAT WORK ORDER: 17T231150

PROJECT: 17M-01364-00

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
<http://www.agatlabs.com>

CLIENT NAME: WSP CANADA INC.

SAMPLING SITE:

ATTENTION TO: Jason Murchison

SAMPLED BY:

O. Reg. 153(511) - OC Pesticides (Soil)													
DATE RECEIVED: 2017-06-27				DATE REPORTED: 2017-07-05									
SAMPLE DESCRIPTION:				BH17-01 SS3		BH17-01 SS5		BH17-02 SS2		BH17-02 SS4		BH17-03 SS1	
SAMPLE TYPE:				Soil		Soil		Soil		Soil		Soil	
DATE SAMPLED:				2017-06-22		2017-06-22		2017-06-22		2017-06-22		2017-06-23	
G / S				RDL		8512963		8512980		8512985		8512992	
Parameter	Unit	G / S	RDL	BH17-01 SS3	BH17-01 SS5	BH17-02 SS2	BH17-02 SS4	BH17-03 SS1	BH17-03 SS4	BH17-04 SS1	BH17-04 SS3	BH17-06-23	2017-06-23
Hexachloroethane	µg/g	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Gamma-Hexachlorocyclohexane	µg/g	0.01	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Heptachlor	µg/g	0.05	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Aldrin	µg/g	0.05	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Heptachlor Epoxide	µg/g	0.05	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Endosulfan	µg/g	0.04	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlordane	µg/g	0.05	0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
DDE	µg/g	0.05	0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
DDD	µg/g	0.05	0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
DDT	µg/g	1.4	0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
Dieldrin	µg/g	0.05	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Endrin	µg/g	0.04	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methoxychlor	µg/g	0.05	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Hexachlorobenzene	µg/g	0.01	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Hexachlorobutadiene	µg/g	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Moisture Content	%	0.1	0.1	7.7	12.2	13.3	10.0	24.4	8.2	7.7	7.7	7.7	7.7
Surrogate	Unit	Acceptable Limits											
TCMX	%	50-140	74	62	62	59	62	60	62	72	80	80	80
Decachlorobiphenyl	%	60-130	73	68	74	62	71	61	61	96	90	90	90

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard; Refers to Table 1: Full Depth Background Site Condition Standards - Soil - Residential/Parkland/Industrial/Commercial/Community Property Use

8512963-8513041 Results are based on the dry weight of the soil.

Note: DDT applies to the total of op'DDT and pp'DDT, DDD applies to the total of op'DDD and DDE applies to the total of op'DDE and pp'DDE. Endosulfan applies to the total of Endosulfan I and Endosulfan II.

Chlordane applies to the total of Alpha-Chlordane and Gamma-Chlordane.

NPapnikolof

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T231150

PROJECT: 17M-01364-00

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
<http://www.agatlabs.com>

CLIENT NAME: WSP CANADA INC.

SAMPLING SITE:

ATTENTION TO: Jason Murchison

SAMPLED BY:

O. Reg. 153(511) - PHCs F1 - F4 (Soil)											
DATE RECEIVED: 2017-06-27				DATE REPORTED: 2017-07-04							
SAMPLE DESCRIPTION: BH17-01 SS3 BH17-01 SS5 BH17-02 SS2 BH17-02 SS4 BH17-03 SS2 BH17-03 SS4 BH17-04 SS3											
SAMPLE TYPE: Soil Soil Soil Soil Soil Soil Soil											
DATE SAMPLED: 2017-06-22 2017-06-22 2017-06-22 2017-06-22 2017-06-23 2017-06-23 2017-06-23											
G / S RDL 8512963 8512976 8512980 8512985 8512996 8513021 8513041											
Parameter	Unit	G / S	RDL	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Benzene	µg/g	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Toluene	µg/g	0.2	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Ethylbenzene	µg/g	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene Mixture	µg/g	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
F1 (C6 to C10)	µg/g	25	5	<5	<5	<5	<5	<5	<5	<5	<5
F1 (C6 to C10) minus BTEX	µg/g	25	5	<5	<5	<5	<5	<5	<5	<5	<5
F2 (C10 to C16)	µg/g	10	10	<10	<10	<10	<10	<10	<10	<10	<10
F3 (C16 to C34)	µg/g	240	50	<50	<50	<50	<50	<50	<50	<50	<50
F4 (C34 to C50)	µg/g	120	50	<50	<50	<50	<50	<50	<50	<50	<50
Gravimetric Heavy Hydrocarbons	µg/g	120	50	NA	NA	NA	NA	NA	NA	NA	NA
Moisture Content	%	0.1	7.7	12.2	13.3	10.0	22.9	8.2	7.7	7.7	7.7
Surrogate	Unit	Acceptable Limits									
Terphenyl	%	60-140									

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard; Refers to Table 1: Full Depth Background Site Condition Standards - Soil - Residential/Parkland/Industrial/Commercial/Community Property Use

8512963-8513041

Results are based on sample dry weight.

The C6-C10 fraction is calculated using Toluene response factor.

The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.

Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.

The chromatogram has returned to baseline by the retention time of nC50.

Total C6 - C50 results are corrected for BTEX contributions.

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

nC6 and nC10 response factors are within 30% of Toluene response factor.

nC10, nC16 and nC34 response factors are within 10% of their average.

C50 response factor is within 70% of nC10 + nC16 + nC34 average.

Linearity is within 15%.

Extraction and holding times were met for this sample.

Fractions 1-4 are quantified with the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.

Quality Control Data is available upon request.

Certified By:

N. Popmukolof



Certificate of Analysis

AGAT WORK ORDER: 17T231150
PROJECT: 17M-01364-00

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
<http://www.agatlabs.com>

CLIENT NAME: WSP CANADA INC.
SAMPLING SITE:

ATTENTION TO: Jason Murchison
SAMPLED BY:

O. Reg. 153(511) - PHCs F2 - F4 (Soil)		DATE RECEIVED: 2017-06-27	DATE REPORTED: 2017-06-30
SAMPLE DESCRIPTION: BH17-04 SS1			
SAMPLE TYPE: Soil		DATE SAMPLED: 2017-06-23	
		8513025	
Parameter	Unit	G / S	RDL
F2 (C10 to C16)	µg/g	10	10
F3 (C16 to C34)	µg/g	240	50
F4 (C34 to C50)	µg/g	120	50
Gravimetric Heavy Hydrocarbons	µg/g	120	50
Moisture Content	%	0.1	15.6
Surrogate	Unit	Acceptable Limits	
Terphenyl	%	60-140	
		75	

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard; Refers to Table 1: Full Depth Background Site Condition Standards - Soil - Residential/Parkland/Industrial/Commercial/Community Property Use

8513025

Results are based on sample dry weight.

The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.

Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present. The chromatogram has returned to baseline by the retention time of nC50.

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

nC6 and nC10 response factors are within 30% of Toluene response factor.

nC10, nC16 and nC34 response factors are within 10% of their average.

C50 response factor is within 70% of nC10 + nC16 + nC34 average.

Linearity is within 15%.

Extraction and holding times were met for this sample.

Fractions 1-4 are quantified with the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.

Quality Control Data is available upon request.

Certified By:



AGAT Laboratories

Guideline Violation

AGAT WORK ORDER: 17T231150

PROJECT: 17M-01364-00

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
<http://www.agatlabs.com>

CLIENT NAME: WSP CANADA INC.

ATTENTION TO: Jason Murchison

SAMPLEID	SAMPLE TITLE	GUIDELINE	ANALYSIS PACKAGE	PARAMETER	UNIT	GUIDEVALUE	RESULT
8512992	BH17-03 SS1	ON T1 S RP//CC	O. Reg. 153(511) - OC Pesticides (Soil)	DDE	µg/g	0.05	0.13
8513025	BH17-04 SS1	ON T1 S RP//CC	O. Reg. 153(511) - OC Pesticides (Soil)	DDE	µg/g	0.05	0.057

Quality Assurance

CLIENT NAME: WSP CANADA INC.

PROJECT: 17M-01364-00

SAMPLING SITE:

AGAT WORK ORDER: 17T231150

ATTENTION TO: Jason Murchison

SAMPLED BY:

Soil Analysis															
RPT Date:			DUPLICATE			Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD		Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)															
Antimony	8512961	8512961	<0.8	<0.8	NA	< 0.8	106%	70%	130%	96%	80%	120%	84%	70%	130%
Arsenic	8512961	8512961	3	3	NA	< 1	111%	70%	130%	90%	80%	120%	93%	70%	130%
Barium	8512961	8512961	10	12	18.2%	< 2	109%	70%	130%	100%	80%	120%	99%	70%	130%
Beryllium	8512961	8512961	<0.5	<0.5	NA	< 0.5	75%	70%	130%	98%	80%	120%	90%	70%	130%
Boron	8512961	8512961	<5	<5	NA	< 5	73%	70%	130%	99%	80%	120%	90%	70%	130%
Boron (Hot Water Soluble)	8512961	8512961	<0.10	<0.10	NA	< 0.10	93%	60%	140%	104%	70%	130%	97%	60%	140%
Cadmium	8512961	8512961	<0.5	<0.5	NA	< 0.5	99%	70%	130%	95%	80%	120%	97%	70%	130%
Chromium	8512961	8512961	5	5	NA	< 2	87%	70%	130%	99%	80%	120%	82%	70%	130%
Cobalt	8512961	8512961	2.2	2.3	NA	< 0.5	98%	70%	130%	91%	80%	120%	93%	70%	130%
Copper	8512961	8512961	4	5	NA	< 1	95%	70%	130%	99%	80%	120%	90%	70%	130%
Lead	8512961	8512961	4	4	NA	< 1	105%	70%	130%	96%	80%	120%	85%	70%	130%
Molybdenum	8512961	8512961	<0.5	<0.5	NA	< 0.5	100%	70%	130%	103%	80%	120%	108%	70%	130%
Nickel	8512961	8512961	3	3	NA	< 1	102%	70%	130%	93%	80%	120%	93%	70%	130%
Selenium	8512961	8512961	<0.4	<0.4	NA	< 0.4	101%	70%	130%	98%	80%	120%	99%	70%	130%
Silver	8512961	8512961	<0.2	<0.2	NA	< 0.2	92%	70%	130%	91%	80%	120%	89%	70%	130%
Thallium	8512961	8512961	<0.4	<0.4	NA	< 0.4	99%	70%	130%	96%	80%	120%	91%	70%	130%
Uranium	8512961	8512961	<0.5	<0.5	NA	< 0.5	90%	70%	130%	95%	80%	120%	96%	70%	130%
Vanadium	8512961	8512961	9	9	0.0%	< 1	94%	70%	130%	101%	80%	120%	87%	70%	130%
Zinc	8512961	8512961	13	13	NA	< 5	100%	70%	130%	98%	80%	120%	95%	70%	130%
Chromium VI	8509348		<0.2	<0.2	NA	< 0.2	99%	70%	130%	103%	80%	120%	93%	70%	130%
Cyanide	8512961	8512961	<0.040	<0.040	NA	< 0.040	91%	70%	130%	103%	80%	120%	110%	70%	130%
Mercury	8512961	8512961	<0.10	<0.10	NA	< 0.10	107%	70%	130%	99%	80%	120%	86%	70%	130%
Electrical Conductivity	8512961	8512961	0.108	0.111	2.7%	< 0.005	96%	90%	110%	NA			NA		
Sodium Adsorption Ratio	8512961	8512961	0.090	0.095	5.4%	NA	NA			NA			NA		
pH, 2:1 CaCl2 Extraction	8513001	8513001	8.01	7.98	0.4%	NA	101%	80%	120%	NA			NA		

Comments: NA signifies Not Applicable.

Duplicate Qualifier: As the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Certified By:



Quality Assurance

CLIENT NAME: WSP CANADA INC.

PROJECT: 17M-01364-00

SAMPLING SITE:

AGAT WORK ORDER: 17T231150

ATTENTION TO: Jason Murchison

SAMPLED BY:

Trace Organics Analysis

RPT Date:			DUPLICATE			Method Blank	REFERENCE MATERIAL		METHOD BLANK SPIKE			MATRIX SPIKE			
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD		Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper

O. Reg. 153(511) - OC Pesticides (Soil)

Hexachloroethane	8509490		< 0.01	< 0.01	NA	< 0.01	99%	50%	140%	70%	50%	140%	84%	50%	140%
Gamma-Hexachlorocyclohexane	8509490		< 0.005	< 0.005	NA	< 0.005	105%	50%	140%	74%	50%	140%	74%	50%	140%
Heptachlor	8509490		< 0.005	< 0.005	NA	< 0.005	103%	50%	140%	90%	50%	140%	90%	50%	140%
Aldrin	8509490		< 0.005	< 0.005	NA	< 0.005	106%	50%	140%	90%	50%	140%	90%	50%	140%
Heptachlor Epoxide	8509490		< 0.005	< 0.005	NA	< 0.005	107%	50%	140%	102%	50%	140%	100%	50%	140%
Endosulfan	8509490		< 0.005	< 0.005	NA	< 0.005	106%	50%	140%	87%	50%	140%	88%	50%	140%
Chlordane	8509490		< 0.007	< 0.007	NA	< 0.007	108%	50%	140%	102%	50%	140%	92%	50%	140%
DDE	8509490		< 0.007	< 0.007	NA	< 0.007	106%	50%	140%	109%	50%	140%	100%	50%	140%
DDD	8509490		< 0.007	< 0.007	NA	< 0.007	111%	50%	140%	93%	50%	140%	93%	50%	140%
DDT	8509490		< 0.007	< 0.007	NA	< 0.007	114%	50%	140%	86%	50%	140%	84%	50%	140%
Dieldrin	8509490		< 0.005	< 0.005	NA	< 0.005	107%	50%	140%	102%	50%	140%	96%	50%	140%
Endrin	8509490		< 0.005	< 0.005	NA	< 0.005	109%	50%	140%	102%	50%	140%	98%	50%	140%
Methoxychlor	8509490		< 0.005	< 0.005	NA	< 0.005	112%	50%	140%	94%	50%	140%	102%	50%	140%
Hexachlorobenzene	8509490		< 0.005	< 0.005	NA	< 0.005	105%	50%	140%	96%	50%	140%	96%	50%	140%
Hexachlorobutadiene	8509490		< 0.01	< 0.01	NA	< 0.01	108%	50%	140%	74%	50%	140%	92%	50%	140%

O. Reg. 153(511) - PHCs F1 - F4 (Soil)

Benzene	8509842		< 0.02	< 0.02	NA	< 0.02	114%	60%	130%	117%	60%	130%	108%	60%	130%
Toluene	8509842		< 0.08	< 0.08	NA	< 0.08	114%	60%	130%	116%	60%	130%	115%	60%	130%
Ethylbenzene	8509842		< 0.05	< 0.05	NA	< 0.05	115%	60%	130%	114%	60%	130%	111%	60%	130%
Xylene Mixture	8509842		< 0.05	< 0.05	NA	< 0.05	111%	60%	130%	111%	60%	130%	109%	60%	130%
F1 (C6 to C10)	8509842		< 5	< 5	NA	< 5	76%	60%	130%	86%	85%	115%	71%	70%	130%
F2 (C10 to C16)	8515718		< 10	< 10	NA	< 10	100%	60%	130%	95%	80%	120%	72%	70%	130%
F3 (C16 to C34)	8515718		< 50	< 50	NA	< 50	94%	60%	130%	105%	80%	120%	74%	70%	130%
F4 (C34 to C50)	8515718		< 50	< 50	NA	< 50	86%	60%	130%	92%	80%	120%	81%	70%	130%

Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).

Certified By:



Method Summary

CLIENT NAME: WSP CANADA INC.

PROJECT: 17M-01364-00

SAMPLING SITE:

AGAT WORK ORDER: 17T231150

ATTENTION TO: Jason Murchison

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Soil Analysis			
Antimony	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Arsenic	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Barium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Beryllium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Boron	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Boron (Hot Water Soluble)	MET-93-6104	EPA SW 846 6010C; MSA, Part 3, Ch.21	ICP/OES
Cadmium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Chromium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Cobalt	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Copper	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Lead	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Molybdenum	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Nickel	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Selenium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Silver	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Thallium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Uranium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Vanadium	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Zinc	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Chromium VI	INOR-93-6029	SM 3500 B; MSA Part 3, Ch. 25	SPECTROPHOTOMETER
Cyanide	INOR-93-6052	MOE CN-3015 & E 3009 A; SM 4500 CN	TECHNICON AUTO ANALYZER
Mercury	MET-93-6103	EPA SW-846 3050B & 6020A	ICP-MS
Electrical Conductivity	INOR-93-6036	McKeague 4.12, SM 2510 B	EC METER
Sodium Adsorption Ratio	INOR-93-6007	McKeague 4.12 & 3.26 & EPA SW-846 6010B	ICP/OES
pH, 2:1 CaCl ₂ Extraction	INOR-93-6031	MSA part 3 & SM 4500-H+ B	PH METER

Method Summary

CLIENT NAME: WSP CANADA INC.

PROJECT: 17M-01364-00

SAMPLING SITE:

AGAT WORK ORDER: 17T231150

ATTENTION TO: Jason Murchison

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Hexachloroethane	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Gamma-Hexachlorocyclohexane	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Heptachlor	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Aldrin	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Heptachlor Epoxide	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Endosulfan	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Chlordane	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
DDE	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
DDD	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
DDT	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Dieldrin	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Endrin	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Methoxychlor	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Hexachlorobenzene	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Hexachlorobutadiene	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
TCMX	ORG-91-5112	EPA SW-846 3541,3620 & 8081	GC/ECD
Decachlorobiphenyl	ORG-91-5113	EPA SW-846 3541,3620 & 8081	GC/ECD
Moisture Content		MOE E3139	BALANCE
Benzene	VOL-91-5009	EPA SW-846 5035 & 8260	P & T GC/MS
Toluene	VOL-91-5009	EPA SW-846 5035 & 8260	P & T GC/MS
Ethylbenzene	VOL-91-5009	EPA SW-846 5035 & 8260	P & T GC/MS
Xylene Mixture	VOL-91-5009	EPA SW-846 5035 & 8260	P & T GC/MS
F1 (C6 to C10)	VOL-91-5009	CCME Tier 1 Method	P & T GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5009	CCME Tier 1 Method	P & T GC/FID
F2 (C10 to C16)	VOL-91-5009	CCME Tier 1 Method, EPA SW846 8015	GC / FID
F3 (C16 to C34)	VOL-91-5009	CCME Tier 1 Method, EPA SW846 8015	GC / FID
F4 (C34 to C50)	VOL-91-5009	CCME Tier 1 Method, EPA SW846 8015	GC / FID
Gravimetric Heavy Hydrocarbons	VOL-91-5009	CCME Tier 1 Method	BALANCE
Moisture Content	VOL-91-5009	CCME Tier 1 Method	BALANCE
Terphenyl	VOL-91-5009		GC/FID



AGAT Laboratories

5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
web@earth.agatlabs.com

Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Report Information:

Company: WSP Canada Inc.
Contact: Nick Lapostolle
Address: 5611 Byrne Dr. Units C+D
Barrie, ON L4N 0Y3
Phone: 705-735-9771 Fax: 705-735-9771
Reports to be sent to: nick.lapostolle@wspgroup.com
1. Email: nicole.collins@wspgroup.com
2. Email:

Project Information:

Project: 17M-01364-00
Site Location: 774 Hurontario
Sampled By: NC
AGAT Quote #: PO:

Invoice Information:

Company:
Contact:
Address:
Email:

Bill To Same: Yes ☒ No ☐

Please note: If quotation number is not provided, client will be billed full price for analysis.

Regulatory Requirements:

☒ Regulation 153/04 ☐ No Regulatory Requirement
(Please check all applicable boxes)
Table - Indicate One
☐ Sewer Use ☐ Regulation 558
☐ Sanitary ☐ CCME
☐ Ind/Com ☐ Prov. Water Quality Objectives (PWQO)
☒ Res/Park ☐ Other
☐ Agriculture
Soil Texture (Check One) Region: Indicate One
☒ Coarse ☐ Fine ☐ MISA

Report Guideline on Certificate of Analysis

Is this submission for a Record of Site Condition? ☐ Yes ☒ No

Sample Matrix Legend

B Biota
GW Ground Water
O Oil
P Paint
S Soil
SD Sediment
SW Surface Water

Field Filtered - Metals, Hg, CrVI

O, Reg. 153

All Metals ☐ 153 Metals (excl. Hydrides)
Hydride Metals ☐ 153 Metals (incl. Hydrides)
ORPs: B-HWS ☐ Cr ☐ CN-
Cr+ ☐ EC ☐ FOC ☐ Hg
pH ☐ SAR

Regulation/Custom Metals
Nutrients: ☐ TP ☐ NH₃ ☐ TKN
☐ NO₂ ☐ NO₃ ☐ NO₂+NO₃
Volatiles: ☐ VOC ☐ BTEX ☐ THM
CCME Fractions 1 to 4
ABNs
PAHs
PCBs: ☐ Total ☐ Aroclors
Organochlorine Pesticides
TCLP: ☐ MLI ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs
Sewer Use

Laboratory Use Only

Work Order #: 17T231150
Cooler Quantity: 1
Arrival Temperatures: 4.6 4.8 4.5
3.4 2.9 3
Custody Seal Intact: ☐ Yes ☐ No ☐ N/A
Notes:

Turnaround Time (TAT) Required:

Regular TAT ☒ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day
OR Date Required (Rush Surcharges May Apply):

Please provide prior notification for rush TAT
*TAT is exclusive of weekends and statutory holidays

For 'Same Day' analysis, please contact your AGAT CPM

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions
BH17-01 SS2	06/22/17	PM		S	
BH17-01 SS3					
BH17-01 SS4					
BH17-01 SS5					
BH17-02 SS1					
BH17-02 SS2					
BH17-02 SS3					
BH17-02 SS4					
BH17-03 SS1	06/23/17	AM			
BH17-03 SS2					
BH17-03 SS3					

Samples Relinquished By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44	Samples Received By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44
Samples Relinquished By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44	Samples Received By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44
Samples Relinquished By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44	Samples Received By (Print Name and Sign): Bryan Coopers	Date: 06/23/17 Time: 11:44

Page 1 of 2

T 054091



AGAT Laboratories

5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
webeath.agatlabs.com

Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Report Information:

Company: WSP Canada Inc.
Contact: Nick LaPosta
Address: 561 Bryne Dr. Units C4D
Barrie, ON L4N 9Y3
Phone: 705-735-9771 Fax: 705-735-9771
Reports to be sent to: nick.la.posta@wspgroup.com
1. Email: nicole.collins@wspgroup.com
2. Email:

Project Information:

Project: 17M-01364-00
Site Location: 774 Hurontario St.
Sampled By: NC
AGAT Quote #: PO:

Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Company: Bill To Same: Yes ☒ No ☐
Contact:
Address:
Email:

Regulatory Requirements:

☒ Regulation 153/04 ☐ Sewer Use ☐ Regulation 558
Table Indicate One ☐ CCME
☐ Ind/Com ☐ Prov. Water Quality Objectives (PWQO)
☒ Res/Park ☐ Storm ☐ Other
Soil Texture (Check One) Region Indicate One
☒ Coarse ☐ Fine ☐ MISA

Report Guideline on Certificate of Analysis

Is this submission for a Record of Site Condition? ☐ Yes ☒ No

Sample Matrix Legend

B Biota
GW Ground Water
O Oil
P Paint
S Soil
SD Sediment
SW Surface Water

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions
BH17-03 SS4	06/23/17	AM		S	
BH17-03 SS5					
BH17-04 SS1					
BH17-04 SS2					
BH17-04 SS3					
BH17-04 SS4					

Samples Requisitioned By (Print Name and Sign):

Samples Requisitioned By (Print Name and Sign):
Samples Requisitioned By (Print Name and Sign):

Date Time

Date Time
2017/07/17 11:47
2017/07/24 4:57

Samples Received By (Print Name and Sign):

Samples Received By (Print Name and Sign):
Samples Received By (Print Name and Sign):

Date

Date
2017/07/17

Time

Time
11:47

Date

Date
2017/07/17

Time

Time
11:47

Page 2 of 2

No: T 054092

Laboratory Use Only

Work Order #:

Cooler Quantity:

Arrival Temperatures:

Custody Seal Intact:

Notes:

Turnaround Time (TAT) Required:

Regular TAT

Rush TAT (Rush Surcharges Apply)

3 Business Days

2 Business Days

Next Business Day

OR Date Required (Rush Surcharges May Apply):

Please provide prior notification for rush TAT

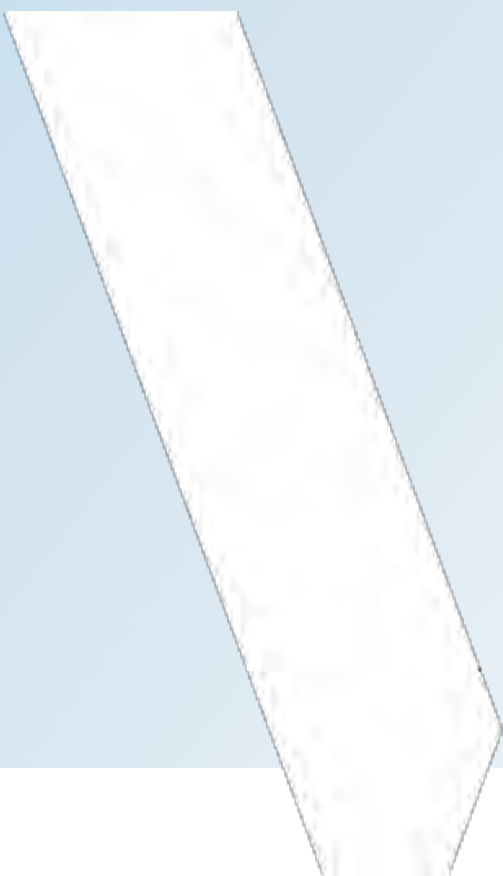
*TAT is exclusive of weekends and statutory holidays

For 'Same Day' analysis, please contact your AGAT CPM

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APPENDIX

C ERIS ECOLOG





DATABASE REPORT

Project Property: *Phase One ESA - 774 Hurontario Street,
Collingwood
774 Hurontario St
Collingwood ON L9Y0G6*

Project No:

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

Order No: *20170705010*

Requested by: *WSP Canada Inc.*

Date Completed: *July 11, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com
www.erisinfo.com

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Executive Summary

Property Information:

Project Property: *Phase One ESA - 774 Hurontario Street, Collingwood
774 Hurontario St Collingwood ON L9Y0G6*

Project No:

Order Information:

Order No: *20170705010*
Date Requested: *July 5, 2017*
Requested by: *WSP Canada Inc.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	3	3
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
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	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	3	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	10	10
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
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	22	22
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	3	3
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	TSSA Pipeline Incidents	Y	0	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
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	1	1
SPL	Ontario Spills	Y	0	5	5
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	14	17
Total:			3	66	69

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 40 con 9 ON	-/0.0	1.00	<u>18</u>
<u>2</u>	WWIS		lot 40 con 9 ON	-/0.0	1.00	<u>19</u>
<u>3</u>	WWIS		lot 40 con 9 ON	-/0.0	0.87	<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
4	PINC		569 MAPLE ST, COLLINGWOOD ON	WSW/24.2	1.94	25
5	PES	WEED TAMER	2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	NNE/57.7	-2.00	25
6	WWIS		lot 40 con 9 ON	SSW/71.4	3.00	25
7	EHS		37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	NW/75.1	-3.00	27
7	GEN	PARKVIEW TRANSIT	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	NW/75.1	-3.00	27
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NW/75.1	-3.00	28
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NW/75.1	-3.00	28
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NW/75.1	-3.00	29
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NW/75.1	-3.00	29
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON	NW/75.1	-3.00	29
7	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NW/75.1	-3.00	30
8	WWIS		lot 40 con 9 ON	SSW/85.1	3.00	30
9	WWIS		lot 40 con 9 ON	SE/89.8	3.00	33
10	CA	JOBELSIE MANAGEMENT LTD. PHASE 1	MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	WNW/92.6	-2.21	35
10	CA	JOBELSIE MANAGEMENT LTD. PH. 1	MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	WNW/92.6	-2.21	35
11	SPL	Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	NNE/96.2	-2.00	36
11	SPL	Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	NNE/96.2	-2.00	36
12	SPL	Enbridge Gas Distribution	Campbell St and Maple Street Collingwood ON	WNW/98.6	-2.04	36
13	HINC		14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	ESE/102.7	2.22	37
14	WWIS		lot 40 con 8 ON	E/105.3	0.07	37
15	WWIS		ON	NNE/109.3	-2.56	39
16	EHS		728 Hurontario Street Collingwood ON L9Y 0G6	NW/111.5	-3.00	41
17	WWIS		ON	W/123.3	-2.00	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	CA	Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON	WNW/134.0	-2.96	44
18	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	WNW/134.0	-2.96	44
18	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	WNW/134.0	-2.96	44
18	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	WNW/134.0	-2.96	45
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	45
19	GEN	SIMCOE COUNTY BOARD OF EDUCATION	COLLINGWOOD COLLEGIATE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	46
19	GEN	COLLINGWOOD COLLEGIATE INSTITUTE	SIMCOE BOARD OF EDUCATION 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	47
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON	N/150.8	-3.00	47
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	48
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	49
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	50
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	51
19	GEN	COLLINGWOOD COLL(SEE&USE ON0358104 COLL)	6 CAMERON ST. COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	51
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	52
19	GEN	SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	N/150.8	-3.00	52
19	SPL	PUBLIC SCHOOL BOARD	AT THE COLLINGWOOD COLLEGIATE AT 6 CAMERON ST. HEATING FUEL STORAGE TANK COLLINGWOOD TOWN ON L9Y 2J2	N/150.8	-3.00	53
20	WWIS		lot 40 con 9 ON	SSW/152.6	3.00	54
21	SPL	PENNY AND CASSON CONTRACTORS	COLLINGWOOD COLLEGIATE INST. COLLINGWOOD TOWN ON	N/159.6	-3.00	56
22	PINC		34 FINDLAY DR, COLLINGWOOD ON	S/160.9	3.00	57
22	PINC		34 FINDLAY DRIVE, COLLINGWOOD ON	S/160.9	3.00	57
23	WWIS		lot 40 con 9 ON	SSE/165.1	3.00	58
24	HINC		546 MAPLE STREET COLLINGWOOD ON L9Y 2S8	NW/179.0	-3.00	60
25	WWIS		lot 40 con 9 ON	S/186.4	3.00	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>26</u>	WWIS		lot 40 con 9 ON	SW/188.7	3.00	<u>63</u>
<u>27</u>	HINC		544 MAPLE STREET COLLINGWOOD ON L9Y 2S8	NW/193.0	-3.00	<u>65</u>
<u>28</u>	EHS		804 Hurontario Collingwood ON	SSE/209.3	3.00	<u>65</u>
<u>29</u>	WWIS		lot 41 con 9 ON	S/213.5	3.00	<u>66</u>
<u>30</u>	WWIS		lot 41 con 9 ON	S/214.7	3.00	<u>68</u>
<u>31</u>	WWIS		lot 40 con 8 ON	SE/232.9	3.00	<u>70</u>
<u>32</u>	PRT	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/234.4	-3.00	<u>72</u>
<u>32</u>	SCT	The Candy Factory Ltd.	645 Hurontario St Collingwood ON L9Y 2N6	NNE/234.4	-3.00	<u>72</u>
<u>33</u>	WWIS		lot 40 con 8 ON	SE/236.3	3.00	<u>73</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>75</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>75</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>75</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>76</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>76</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>76</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>76</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	NNE/246.9	-3.00	<u>77</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON	NNE/246.9	-3.00	<u>77</u>
<u>34</u>	EXP	WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON	NNE/246.9	-3.00	<u>77</u>
<u>35</u>	GEN	SIMCOE COUNTY BOARD OF EDUCATION	COLLINGWOOD C.I./BUS GARAGE 6 CAMERON STREET/37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	N/249.4	-3.00	<u>77</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA 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>
JOBELSIE MANAGEMENT LTD. PH. 1	MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	92.6	<u>10</u>
JOBELSIE MANAGEMENT LTD. PHASE 1	MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	92.6	<u>10</u>
Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON	134.0	<u>18</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 3 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>
	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	75.1	<u>7</u>
	728 Hurontario Street Collingwood ON L9Y 0G6	111.5	<u>16</u>
	804 Hurontario Collingwood ON	209.3	<u>28</u>

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 10 EXP 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>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	246.9	<u>34</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 22 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>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	75.1	<u>7</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	75.1	<u>7</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	75.1	<u>7</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	75.1	<u>7</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON	75.1	<u>7</u>
PARKVIEW TRANSIT	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	75.1	<u>7</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	75.1	<u>7</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	134.0	<u>18</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	134.0	<u>18</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	134.0	<u>18</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
COLLINGWOOD COLL(SEE&USE ON0358104 COLL)	6 CAMERON ST. COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
COLLINGWOOD COLLEGIATE INSTITUTE	SIMCOE BOARD OF EDUCATION 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY BOARD OF EDUCATION	COLLINGWOOD COLLEGIATE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON	150.8	<u>19</u>
SIMCOE COUNTY DISTRICT SCHOOL BOARD	COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	150.8	<u>19</u>
SIMCOE COUNTY BOARD OF EDUCATION	COLLINGWOOD C.I./BUS GARAGE 6 CAMERON STREET/37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	249.4	<u>35</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 3 HINC 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>
	14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	102.7	<u>13</u>
	546 MAPLE STREET COLLINGWOOD ON L9Y 2S8	179.0	<u>24</u>
	544 MAPLE STREET COLLINGWOOD ON L9Y 2S8	193.0	<u>27</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 1 PES 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>
WEED TAMER	2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	57.7	<u>5</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 3 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>
	569 MAPLE ST, COLLINGWOOD ON	24.2	<u>4</u>
	34 FINDLAY DR, COLLINGWOOD ON	160.9	<u>22</u>
	34 FINDLAY DRIVE, COLLINGWOOD ON	160.9	<u>22</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT 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>
WRIGHT MOTORS LTD	645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	234.4	<u>32</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT 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>
The Candy Factory Ltd.	645 Hurontario St Collingwood ON L9Y 2N6	234.4	<u>32</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

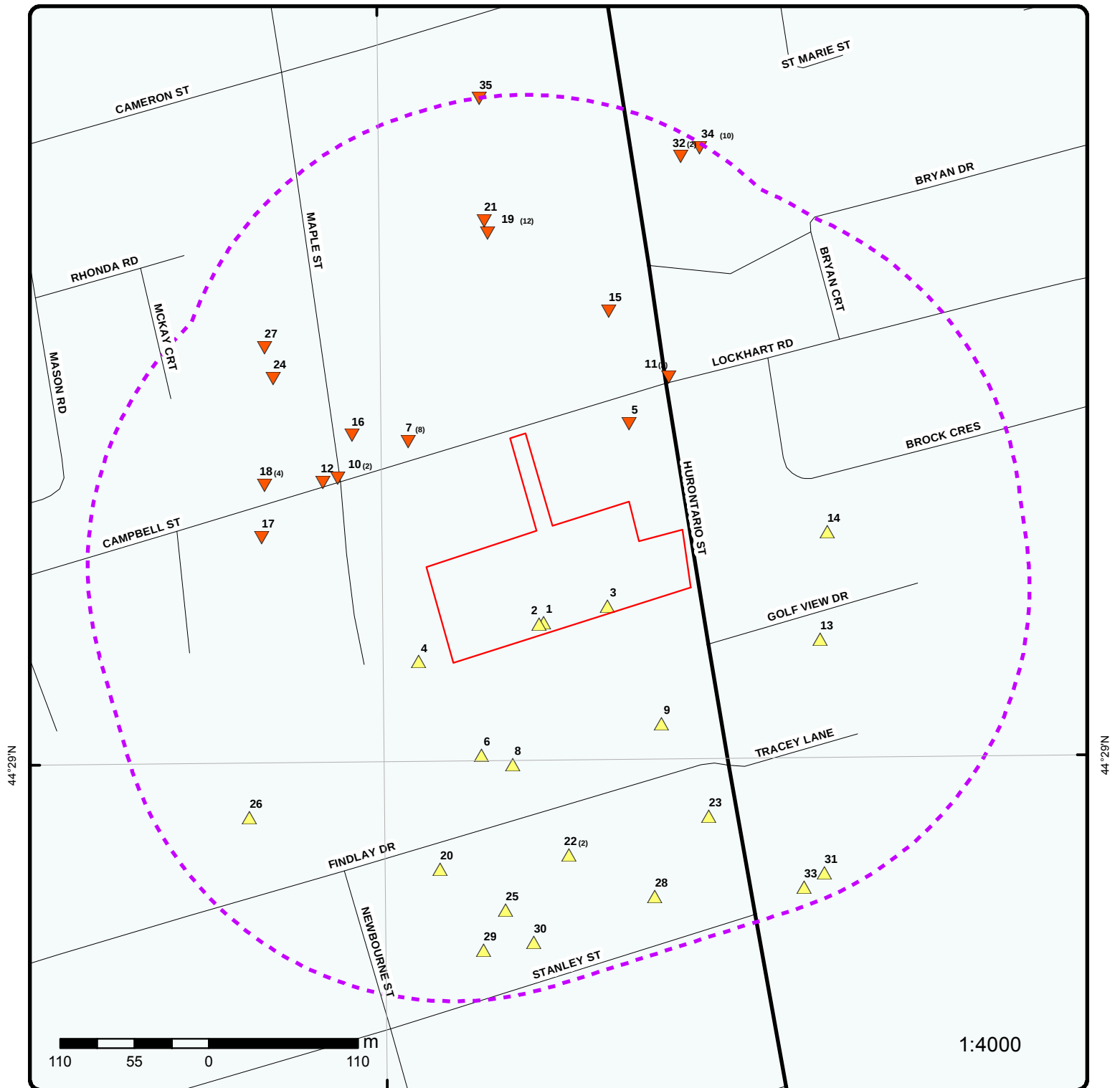
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	96.2	<u>11</u>
Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	96.2	<u>11</u>
Enbridge Gas Distribution	Campbell St and Maple Street Collingwood ON	98.6	<u>12</u>
PUBLIC SCHOOL BOARD	AT THE COLLINGWOOD COLLEGIATE AT 6 CAMERON ST. HEATING FUEL STORAGE TANK	150.8	<u>19</u>
PENNY AND CASSON CONTRACTORS	COLLINGWOOD TOWN ON L9Y 2J2 COLLINGWOOD COLLEGIATE INST. COLLINGWOOD TOWN ON	159.6	<u>21</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 17 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 40 con 9 ON	0.0	<u>1</u>
	lot 40 con 9 ON	0.0	<u>2</u>
	lot 40 con 9 ON	0.0	<u>3</u>
	lot 40 con 9 ON	71.4	<u>6</u>
	lot 40 con 9 ON	85.1	<u>8</u>
	lot 40 con 9 ON	89.8	<u>9</u>
	lot 40 con 8 ON	105.3	<u>14</u>
	ON	109.3	<u>15</u>
	ON	123.3	<u>17</u>
	lot 40 con 9 ON	152.6	<u>20</u>
	lot 40 con 9 ON	165.1	<u>23</u>
	lot 40 con 9 ON	186.4	<u>25</u>
	lot 40 con 9 ON	188.7	<u>26</u>
	lot 41 con 9 ON	213.5	<u>29</u>
	lot 41 con 9 ON	214.7	<u>30</u>
	lot 40 con 8 ON	232.9	<u>31</u>
	lot 40 con 8 ON	236.3	<u>33</u>



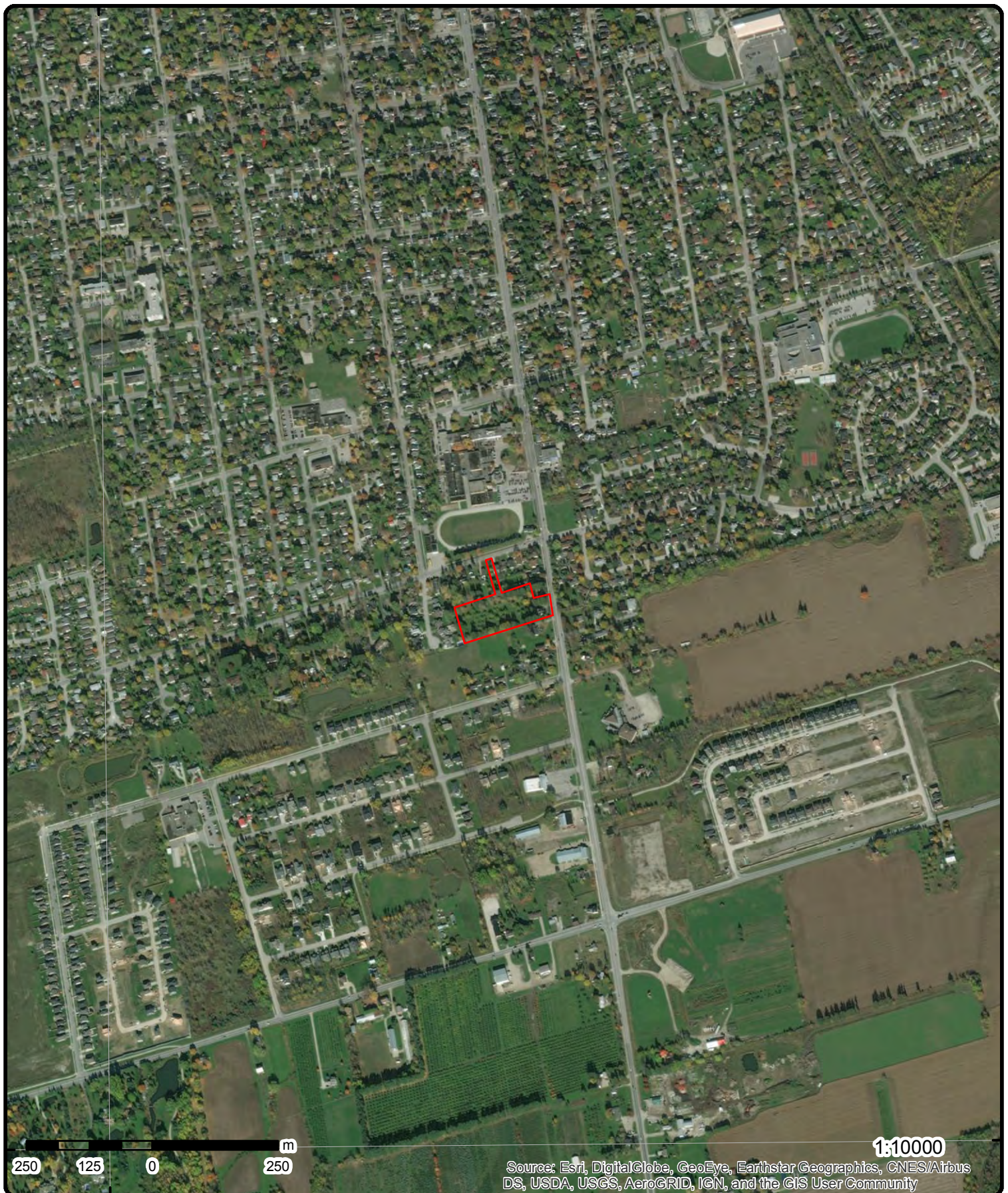
Map : 0.25 Kilometer Radius

Order No: 20170705010

Address: 774 Hurontario St, Collingwood, ON, L9Y0G6



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



Aerial

Address: 774 Hurontario St, Collingwood, ON, L9Y0G6

Source: ESRI World Imagery

Order No: 20170705010



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Topographic Map

Address: 774 Hurontario St, Collingwood, ON, L9Y0G6

Source: ESRI World Topographic Map

Order No: 20170705010



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	193.0	lot 40 con 9 ON	WWIS
Well ID:		5702554	Lot:		040
Construction Date::			Concession:		09
Primary Water Use::			Concession Name:		CON
Sec. Water Use::			Easting NAD83::		
Final Well Status::		Abandoned-Supply	Northing NAD83::		
Specific Capacity::			Zone::		
Municipality:		NOTTAWASAGA TOWNSHIP	UTM Reliability::		
County:		SIMCOE			
Bore Hole Information					
--		--			
Bore Hole ID:		10380447			
DP2BR:					
Code OB:		0			
Code OB Description:		Overburden			
Open Hole:					
Date Completed:		12-APR-65			
Remarks:					
Zone:		17			
East 83:		562407.3			
North 83:		4925959			
UTMRC:		5			
UTMRC Description:		margin of error : 100 m - 300 m			
Location Method:		p5			
Org CS:					
Elevation:		193.29			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:		932265621			
Layer:		1			
General Color:					
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265622			
Layer:		2			
General Color:		BROWN			
Most Common Material:		CLAY			
Other Materials:		STONES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Formation Top Depth:	1				
Formation End Depth:	7				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932265623				
Layer:	3				
General Color:	BLUE				
Most Common Material:	CLAY				
Other Materials:					
Other Materials:					
Formation Top Depth:	7				
Formation End Depth:	14				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932265624				
Layer:	4				
General Color:	BLUE				
Most Common Material:	CLAY				
Other Materials:	MEDIUM SAND				
Other Materials:					
Other Materials:					
Formation Top Depth:	14				
Formation End Depth:	23				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932265625				
Layer:	5				
General Color:					
Most Common Material:	GRAVEL				
Other Materials:	BOULDERS				
Other Materials:					
Other Materials:					
Formation Top Depth:	23				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
--	--				
Method of Construction & Well Use					
Method of Construction & Well Use					
--	--				
Method Construction ID:	965702554				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
--	--				
Pipe Information					
Pipe Information					
--	--				
Pipe ID:	10929017				
Casing Number:	1				
Comment:					
Alt Name:					
--	--				
Construction Record - Casing					
Construction Record - Casing					
--	--				
Casing ID:	930628654				
Layer:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth From:					
Depth To:	29				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
--	--				
--	--				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Well ID:	5702555			Lot:	040
Construction Date::				Concession:	09
Primary Water Use::	Domestic			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--	--				
Bore Hole ID:	10380448				
DP2BR:	30				
Code OB:	h				
Code OB Description:	Mixed in a Layer				
Open Hole:					
Date Completed:	19-APR-65				
Remarks:					
Zone:	17				
East 83:	562403.9				
North 83:	4925958				
UTMRC:	5				
UTMRC Description:	margin of error : 100 m - 300 m				
Location Method:	gis				
Org CS:					
Elevation:	193.3				
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock					
Materials Interval					
--	--				
Formation ID:	932265626				
Layer:	1				
General Color:					
Most Common Material:	TOPSOIL				
Other Materials:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932265627				
Layer:	2				
General Color:	BROWN				
Most Common Material:	CLAY				
Other Materials:	STONES				
Other Materials:					
Formation Top Depth:	1				
Formation End Depth:	7				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932265628				
Layer:	3				
General Color:	BLUE				
Most Common Material:	CLAY				
Other Materials:					
Other Materials:					
Formation Top Depth:	7				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation End Depth:		14			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265629			
Layer:		4			
General Color:		BLUE			
Most Common Material:		CLAY			
Other Materials:		MEDIUM SAND			
Other Materials:					
Formation Top Depth:		14			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265630			
Layer:		5			
General Color:					
Most Common Material:		GRAVEL			
Other Materials:		BOULDERS			
Other Materials:					
Formation Top Depth:		23			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265631			
Layer:		6			
General Color:					
Most Common Material:		GRAVEL			
Other Materials:		SHALE			
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		34			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265632			
Layer:		7			
General Color:					
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		34			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702555			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10929018			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628655			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		34			
Casing Diameter:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628656			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995702555			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		26			
Recommended Pump Depth:		28			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933861889			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		44			
Water Found Depth UOM:		ft			
--		--			
--		--			

<u>3</u>	1 of 1	-/0.0	192.9	lot 40 con 9 ON	WWIS
Well ID:	5702556			Lot:	040
Construction Date::				Concession:	09
Primary Water Use::	Domestic			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--	--				
Bore Hole ID:	10380449				
DP2BR:	28				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	09-JUN-65				
Remarks:					
Zone:	17				
East 83:	562454.3				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
North 83: UTMRC: UTMRC Description: Location Method: Org CS: Elevation: Elevrc: Elevrc Description: Location Source Date: Source Revision Comment: Improvement Location Source: Improvement Location Method: Supplier Comment: Spatial Status:		4925971 5 margin of error : 100 m - 300 m p5 193.21 -- --			
Overburden and Bedrock Materials Interval					
Formation ID: Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265633 1 MEDIUM SAND 0 6 ft --			
Formation ID: Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265634 2 BLUE CLAY STONES 6 17 ft --			
Formation ID: Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265635 3 CLAY STONES 17 28 ft --			
Formation ID: Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265636 4 SHALE 28 30 ft --			
Formation ID: Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth:		932265637 5 LIMESTONE 30 39			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702556			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10929019			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628657			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628658			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		39			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995702556			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		37			
Recommended Pump Depth:		38			
Pumping Rate:		3			
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:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933861890			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		39			
Water Found Depth UOM:		ft			
--		--			
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	1 of 1	WSW/24.2	193.9	569 MAPLE ST, COLLINGWOOD ON	PINC
Incident ID: Incident No: 1928570 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 6298807 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2016/12/12 Operation Type: Pipeline Type: Regulator Type: Summary: 569 MAPLE ST, COLLINGWOOD - PIPELINE HIT - 1/2" Reported By: ADAM BRODERICK Affiliation: Occurrence Desc: Damage Reason: Facility was not located or marked Notes:		Health Impact: Environment Impact: Property Damage: No Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location:			
5	1 of 1	NNE/57.7	190.0	WEED TAMER 2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	PES
Detail Licence No.: Licence Type:					
6	1 of 1	SSW/71.4	195.0	lot 40 con 9 ON	WWIS
Well ID: 5702550 Construction Date:: Primary Water Use:: Domestic Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: NOTTAWASAGA TOWNSHIP County: SIMCOE		Lot: 040 Concession: 09 Concession Name: CON Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::			
Bore Hole Information -- Bore Hole ID: 10380443 DP2BR: 33 Code OB: r Code OB Description: Bedrock Open Hole: Date Completed: 03-SEP-57 Remarks: Zone: 17 East 83: 562361.3 North 83: 4925861 UTMRC: 9 UTMRC Description: unknown UTM					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Location Method:		p9			
Org CS:					
Elevation:		195.11			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932265609			
Layer:		1			
General Color:					
Most Common Material:		CLAY			
Other Materials:		STONES			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		33			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265610			
Layer:		2			
General Color:					
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		33			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702550			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10929013			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628646			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		33			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628647			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Diameter: 4 Casing Diameter UOM: inch Casing Depth UOM: ft -- -- Well Yield Testing -- -- Pump Test ID: 995702550 Pump Set At: Static Level: 10 Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: N -- -- Water Details -- -- Water ID: 933861885 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 55 Water Found Depth UOM: ft -- -- -- --					
7	1 of 8	NW/75.1	189.0	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: 20070614011 Addit. Info Ordered:: Aerials Photos Report Date: 6/22/2007 Report Type: CAN - Complete Report Search Radius (km): 0.25					
7	2 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num: Status: Country: Generator #: ON1143702 Approval Yrs:: 97,98,99,00,01 SIC Code: 4573 SIC Description: SCHOOL BUS OPER.					
--Details-- Waste Code: 112					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
7	3 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1143702			
Approval Yrs.:		2012			
SIC Code:		485990			
SIC Description:		Other Transit and Ground Passenger Transportation			
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
7	4 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1143702			
Approval Yrs.:		2010			
SIC Code:		485990			
SIC Description:		Other Transit and Ground Passenger Transportation			
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
7	5 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
PO Box Num: Status: Country: Generator #: ON1143702 Approval Yrs:: 2011 SIC Code: 485990 SIC Description: Other Transit and Ground Passenger Transportation --Details-- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS Waste Code: 221 Waste Description: LIGHT FUELS					
7	6 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
PO Box Num: Status: Country: Generator #: ON1143702 Approval Yrs:: 2009 SIC Code: 485990 SIC Description: Other Transit and Ground Passenger Transportation --Details-- Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
7	7 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON	GEN
PO Box Num: Status: Country: Generator #: ON1143702 Approval Yrs:: 2013 SIC Code: 485990 SIC Description: --Details-- Waste Code: 221					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
7	8 of 8	NW/75.1	189.0	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1143702			
Approval Yrs::		02,03,04,05,06,07,08			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
8	1 of 1	SSW/85.1	195.0	lot 40 con 9 ON	WWIS
Well ID:		5706425		Lot:	040
Construction Date::				Concession:	09
Primary Water Use::		Domestic		Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::		Water Supply		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		NOTTAWASAGA TOWNSHIP		UTM Reliability::	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:	SIMCOE				
Bore Hole Information					
--		--			
Bore Hole ID:		10384282			
DP2BR:					
Code OB:		0			
Code OB Description:		Overburden			
Open Hole:					
Date Completed:		28-MAY-69			
Remarks:					
Zone:		17			
East 83:		562384.3			
North 83:		4925854			
UTMRC:		4			
UTMRC Description:		margin of error : 30 m - 100 m			
Location Method:		p4			
Org CS:					
Elevation:		195.1			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932281815			
Layer:		1			
General Color:		BROWN			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932281816			
Layer:		2			
General Color:		BLUE			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932281817			
Layer:		3			
General Color:					
Most Common Material:		HARDPAN			
Other Materials:		CLAY			
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		24			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932281818			
Layer:		4			
General Color:					
Most Common Material:		MEDIUM SAND			
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Formation Top Depth:		24			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932281819			
Layer:		5			
General Color:					
Most Common Material:		MEDIUM SAND			
Other Materials:		GRAVEL			
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965706425			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10932852			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930633276			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995706425			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:		24			
Recommended Pump Depth:		25			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933865766			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Found Depth:	27				
Water Found Depth UOM:	ft				
--	--				
--	--				
9	1 of 1	SE/89.8	195.0	lot 40 con 9 ON	WWIS
Well ID:	5708393			Lot:	040
Construction Date::				Concession:	09
Primary Water Use::	Domestic			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--	--				
Bore Hole ID:	10386224				
DP2BR:					
Code OB:	0				
Code OB Description:	Overburden				
Open Hole:					
Date Completed:	22-OCT-71				
Remarks:					
Zone:	17				
East 83:	562494.3				
North 83:	4925884				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	p4				
Org CS:					
Elevation:	195.1				
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock Materials Interval					
--	--				
Formation ID:	932289635				
Layer:	1				
General Color:	BROWN				
Most Common Material:	MEDIUM SAND				
Other Materials:	STONES				
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932289636				
Layer:	2				
General Color:	GREY				
Most Common Material:	CLAY				
Other Materials:	STONES				
Other Materials:					
Formation Top Depth:	2				
Formation End Depth:	11				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Formation ID:		932289637			
Layer:		3			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		11			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932289638			
Layer:		4			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		STONES			
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932289639			
Layer:		5			
General Color:		BROWN			
Most Common Material:		MEDIUM SAND			
Other Materials:					
Other Materials:					
Formation Top Depth:		22			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932289640			
Layer:		6			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		MEDIUM SAND			
Other Materials:					
Formation Top Depth:		26			
Formation End Depth:		29			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965708393			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10934794			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930635578			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995708393			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		24			
Recommended Pump Depth:		25			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933867975			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26			
Water Found Depth UOM:		ft			
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--		--			
10	1 of 2	WNW/92.6	189.8	JOBELSIE MANAGEMENT LTD. PHASE 1 MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	CA
Certificate #:		3-2205-89-			
Application Year:		89			
Issue Date:		12/4/1989			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::					
Contaminants::					
Emission Control::					
10	2 of 2	WNW/92.6	189.8	JOBELSIE MANAGEMENT LTD. PH. 1 MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	CA
Certificate #:		7-1824-89-			
Application Year:		89			
Issue Date:		11/27/1989			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Project Description:: Contaminants:: Emission Control::					
11	1 of 2	NNE/96.2	190.0	Enbridge Gas Distribution Campbell Street, west of Hurontario Street Collingwood ON	SPL
Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: Incident Dt: Incident Reason: Incident Summary: MOE Reported Dt: Environmental Impact: Nature of Impact: Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:		5535-9C3V4Q 35 NATURAL GAS (METHANE) 0 other - see incident description Start up/Shut down 2013/10/01 Maintenance Enbridge: Controlled gas release 2013/10/01 Confirmed Air Pollution TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components Collingwood			
11	2 of 2	NNE/96.2	190.0	Enbridge Gas Distribution Campbell Street, west of Hurontario Street Collingwood ON	SPL
Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: Incident Dt: Incident Reason: Incident Summary: MOE Reported Dt: Environmental Impact: Nature of Impact: Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:		8867-9C9U2A 35 NATURAL GAS (METHANE) 0 other - see incident description Start up/Shut down 2013/10/07 Maintenance Enbridge: Controlled gas release 2013/10/07 Confirmed Air Pollution TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components Collingwood			
12	1 of 1	WNW/98.6	190.0	Enbridge Gas Distribution Campbell St and Maple Street Collingwood ON	SPL
Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: Incident Dt: Incident Reason: Incident Summary:		6406-9C523W 35 NATURAL GAS (METHANE) 0 other - see incident description Start up/Shut down 2013/10/02 Intentional Discharge Enbridge: Controlled gas release			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
MOE Reported Dt: 2013/10/02 Environmental Impact: Confirmed Nature of Impact: Air Pollution Receiving Medium: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Sector Source Type: Pipeline/Components Receiving Environment: Incident Event: Site Municipality: Collingwood					
13	1 of 1	ESE/102.7	194.2	14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	HINC
External File Num: FS INC 0701-00151 Date of Occurrence: 11/21/2006 Fuel Occurrence Type: Pipeline Strike Fuel Type Involved: Natural Gas Status Desc:: Completed - Causal Analysis(End) Job Type Desc:: Incident/Near-Miss Occurrence (FS) Oper. Type Involved:: Private Dwelling Service Interruptions:: Yes Property Damage:: No Fuel Life Cycle Stage:: Utilization Root Cause:: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:No Reported Details:: Fuel Category:: Gaseous Fuel Occurrence Type:: Incident Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name:: Simcoe Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst:: Approx. Quant. Unit:: Environmental Impact::					
14	1 of 1	E/105.3	192.1	lot 40 con 8 ON	WWIS
Well ID: 5702524 Construction Date:: Primary Water Use:: Domestic Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: NOTTAWASAGA TOWNSHIP County: SIMCOE Lot: 040 Concession: 08 Concession Name: CON Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information -- Bore Hole ID: 10380417 DP2BR: 32 Code OB: r Code OB Description: Bedrock Open Hole: Date Completed: 30-JUN-54 Remarks: Zone: 17 East 83: 562616.3 North 83: 4926026 UTMRC: 9 UTMRC Description: unknown UTM					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Location Method:		p9			
Org CS:					
Elevation:		192.52			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932265515			
Layer:		1			
General Color:					
Most Common Material:		PREVIOUSLY DUG			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265516			
Layer:		2			
General Color:					
Most Common Material:		CLAY			
Other Materials:		MEDIUM SAND			
Other Materials:		STONES			
Formation Top Depth:		8			
Formation End Depth:		32			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265517			
Layer:		3			
General Color:		BROWN			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		32			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702524			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10928987			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628602			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth To:		32			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628603			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		36			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995702524			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		16			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933861861			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36			
Water Found Depth UOM:		ft			
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[15](#)

1 of 1

NNE/109.3

189.4

ON

WWIS

Well ID:	5700438	Lot:	
Construction Date::		Concession:	
Primary Water Use::	Domestic	Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Water Supply	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	COLLINGWOOD TOWN	UTM Reliability::	
County:	SIMCOE		

Bore Hole Information

--	--
Bore Hole ID:	10378331
DP2BR:	
Code OB:	0
Code OB Description:	Overburden
Open Hole:	
Date Completed:	10-NOV-67
Remarks:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Zone:		17			
East 83:		562455.3			
North 83:		4926189			
UTMRC:		5			
UTMRC Description:		margin of error : 100 m - 300 m			
Location Method:		p5			
Org CS:					
Elevation:		189.54			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932257056			
Layer:		1			
General Color:					
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932257057			
Layer:		2			
General Color:					
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932257058			
Layer:		3			
General Color:					
Most Common Material:		CLAY			
Other Materials:		MEDIUM SAND			
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932257059			
Layer:		4			
General Color:					
Most Common Material:		MEDIUM SAND			
Other Materials:					
Other Materials:					
Formation Top Depth:		23			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932257060			
Layer:		5			
General Color:					
Most Common Material:		COARSE SAND			
Other Materials:		GRAVEL			
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		27			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965700438			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10926901			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930626013			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995700438			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		18			
Recommended Pump Depth:		24			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
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:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933859827			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		26			
Water Found Depth UOM:		ft			
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16	1 of 1	NW/111.5	189.0	728 Hurontario Street Collingwood ON L9Y 0G6	EHS

Postal Code:
City:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address2: Address1: Provstate: Order No.: 20130621007 Addit. Info Ordered:: Report Date: 02-JUL-13 Report Type: Standard Report Search Radius (km): .25					
17	1 of 1	W/123.3	190.0	ON	WWIS
Well ID: 5700409 Construction Date:: Primary Water Use:: Domestic Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: COLLINGWOOD TOWN County: SIMCOE Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information					
--					
Bore Hole ID: 10378302					
DP2BR: 12					
Code OB: r					
Code OB Description: Bedrock					
Open Hole:					
Date Completed: 30-JUN-62					
Remarks:					
Zone: 17					
East 83: 562199.3					
North 83: 4926022					
UTMRC: 5					
UTMRC Description: margin of error : 100 m - 300 m					
Location Method: p5					
Org CS:					
Elevation: 189.6					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID: 932256972					
Layer: 1					
General Color:					
Most Common Material: TOPSOIL					
Other Materials:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 1					
Formation End Depth UOM: ft					
--					
Formation ID: 932256973					
Layer: 2					
General Color: BROWN					
Most Common Material: CLAY					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:		STONES			
Other Materials:					
Formation Top Depth:	1				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	932256974				
Layer:	3				
General Color:					
Most Common Material:	LIMESTONE				
Other Materials:					
Other Materials:					
Formation Top Depth:	12				
Formation End Depth:	20				
Formation End Depth UOM:	ft				
--	--				
Method of Construction & Well Use					
--	--				
Method Construction ID:	965700409				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
--	--				
Pipe Information					
--	--				
Pipe ID:	10926872				
Casing Number:	1				
Comment:					
Alt Name:					
--	--				
Construction Record - Casing					
--	--				
Casing ID:	930625954				
Layer:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	12				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
--	--				
Casing ID:	930625955				
Layer:	2				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	20				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
--	--				
Well Yield Testing					
--	--				
Pump Test ID:	995700409				
Pump Set At:					
Static Level:	6				
Final Level After Pumping:	12				
Recommended Pump Depth:	15				
Pumping Rate:	3				
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:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: N -- Water Details -- Water ID: 933859800 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 20 Water Found Depth UOM: ft -- --					
18	1 of 4	WNW/134.0	189.0	Enbridge Gas Distribution Inc. 49-51 Campbell St Collingwood ON	CA
Certificate #: 8226-7TPP6M Application Year: 2010 Issue Date: 2/21/2010 Approval Type: Air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
18	2 of 4	WNW/134.0	189.0	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON	GEN
PO Box Num: Status: Country: Generator #: ON8752025 Approval Yrs:: As of May 2015 SIC Code: SIC Description: --Details-- Waste Code: 146 Waste Description: Other specified inorganic sludges, slurries or solids					
18	3 of 4	WNW/134.0	189.0	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	GEN
PO Box Num: Status: Registered Country: Canada Generator #: ON8752025 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		146 L			
Waste Description:		Other specified inorganic sludges, slurries or solids			
18	4 of 4	WNW/134.0	189.0	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON8752025			
Approval Yrs::		2013			
SIC Code:		221210			
SIC Description:		NATURAL GAS DISTRIBUTION			
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
19	1 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0358104			
Approval Yrs::		2011			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
19	2 of 12	N/150.8	189.0	SIMCOE COUNTY BOARD OF EDUCATION COLLINGWOOD COLLEGIATE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
 PO Box Num:					
Status:					
Country:					
Generator #:					
Approval Yrs::					
SIC Code:					
SIC Description:					
 --Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	3 of 12	N/150.8	189.0	COLLINGWOOD COLLEGIATE INSTITUTE SIMCOE BOARD OF EDUCATION 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num: Status: Country: Generator #: ON0358104 Approval Yrs:: 86,87,88,89,90 SIC Code: 8511 SIC Description: ELEMNT./SECON. EDUC.					
--Details--					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
19	4 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON	GEN
PO Box Num: Status: Country: Generator #: ON0358104 Approval Yrs:: 2013 SIC Code: 611110 SIC Description: ELEMENTARY AND SECONDARY SCHOOLS					
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
19	5 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON0358104			
Approval Yrs::		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		112 C			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		121 C			
Waste Description:		Alkaline slutions - containing heavy metals			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		148 R			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 I			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 B			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		212 L			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		263 L			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		263 I			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		Misc. waste organic chemicals			
Waste Code:		263 B			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		213 I			
Waste Description:		Petroleum distillates			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		232 L			
Waste Description:		Polymeric resins			
Waste Code:		264 C			
Waste Description:		Photoprocessing wastes			
19	6 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0358104			
Approval Yrs.:		2012			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
19	7 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0358104			
Approval Yrs::		2010			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	8 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0358104			
Approval Yrs::		2009			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
19	9 of 12	N/150.8	189.0	COLLINGWOOD COLL(SEE&USE ON0358104 COLL) 6 CAMERON ST. COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num:					
Status:					
Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Generator #: Approval Yrs:: SIC Code: SIC Description:		ON0252900 92,93 0009 *** ERROR RECORD ***			
19	10 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num: Status: Country: Generator #: Approval Yrs:: SIC Code: SIC Description:		ON0358104 As of May 2015			
--Details--					
Waste Code:		263			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		112			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		213			
Waste Description:		Petroleum distillates			
Waste Code:		264			
Waste Description:		Photoprocessing wastes			
Waste Code:		252			
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		251			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		121			
Waste Description:		Alkaline slutions - containing heavy metals			
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
19	11 of 12	N/150.8	189.0	SIMCOE COUNTY DISTRICT SCHOOL BOARD COLLINGWOOD COLLEGIATE INSTITUTE 6 CAMERON STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num: Status: Country: Generator #:		ON0358104			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Yrs::		02,03,04,05,06,07,08			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

19	12 of 12	N/150.8	189.0	PUBLIC SCHOOL BOARD AT THE COLLINGWOOD COLLEGIATE AT 6 CAMERON ST. HEATING FUEL STORAGE TANK COLLINGWOOD TOWN ON L9Y 2J2	SPL
Ref No:		156880			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:		OTHER CONTAINER LEAK			
Incident Dt:		6/16/1998			
Incident Reason:		ERROR			
Incident Summary:		SIMCOE SCHOOL BOARD -200 L OF USED COOKING GREASE TO GROUND FROM DRUM.			
MOE Reported Dt:		6/16/1998			
Environmental Impact:		CONFIRMED			
Nature of Impact:		Soil contamination			
Receiving Medium:		LAND			
SAC Action Class:					
Sector Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Receiving Environment: Incident Event: Site Municipality: 70403					
20	1 of 1	SSW/152.6	195.0	lot 40 con 9 ON	WWIS
Well ID: 5730505 Construction Date:: Primary Water Use:: Domestic Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: NOTTAWASAGA TOWNSHIP County: SIMCOE Lot: 040 Concession: 09 Concession Name: CON Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information					
--					
Bore Hole ID: 10408063					
DP2BR: 19					
Code OB: r					
Code OB Description: Bedrock					
Open Hole:					
Date Completed: 10-DEC-93					
Remarks:					
Zone: 17					
East 83: 562330.9					
North 83: 4925777					
UTMRC: 5					
UTMRC Description: margin of error : 100 m - 300 m					
Location Method: gis					
Org CS:					
Elevation: 195					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID: 932389312					
Layer: 1					
General Color: BLACK					
Most Common Material: TOPSOIL					
Other Materials:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 2					
Formation End Depth UOM: ft					
--					
Formation ID: 932389313					
Layer: 2					
General Color: BROWN					
Most Common Material: CLAY					
Other Materials: SOFT					
Other Materials:					
Formation Top Depth: 2					
Formation End Depth: 19					
Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Formation ID:		932389314			
Layer:		3			
General Color:		BROWN			
Most Common Material:		SHALE			
Other Materials:		HARD			
Other Materials:					
Formation Top Depth:		19			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932389315			
Layer:		4			
General Color:		WHITE			
Most Common Material:		LIMESTONE			
Other Materials:		HARD			
Other Materials:		POROUS			
Formation Top Depth:		35			
Formation End Depth:		77			
Formation End Depth UOM:		ft			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		933193147			
Layer:		1			
Plug From:		6			
Plug To:		11			
Plug Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965730505			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10956633			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930662338			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995730505			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		17			
Recommended Pump Depth:		70			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		20			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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:		45			
Flowing:		N			
--		--			
Draw Down & Recovery					
--		--			
Pump Test Detail ID:		934309831			
Pump Test ID:		995730505			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		17			
Test Level UOM:		ft			
--		--			
Pump Test Detail ID:		934585571			
Pump Test ID:		995730505			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		17			
Test Level UOM:		ft			
--		--			
Pump Test Detail ID:		934833603			
Pump Test ID:		995730505			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		17			
Test Level UOM:		ft			
--		--			
Pump Test Detail ID:		935100492			
Pump Test ID:		995730505			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17			
Test Level UOM:		ft			
--		--			
--		--			
Water Details					
--		--			
Water ID:		933890558			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37			
Water Found Depth UOM:		ft			
--		--			
--		--			
21	1 of 1	N/159.6	189.0	PENNY AND CASSON CONTRACTORS COLLINGWOOD COLLEGIATE INST. COLLINGWOOD TOWN ON	SPL
Ref No:		31427			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:		PIPE/HOSE LEAK			
Incident Dt:		2/27/1990			
Incident Reason:		MATERIAL FAILURE			
Incident Summary:		PENNY AND CASSON- APP. 80LITRES HYDRAULIC OIL TO GROUND.			
MOE Reported Dt:		2/27/1990			
Environmental Impact:		NOT ANTICIPATED			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Nature of Impact: Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 70403					
22	1 of 2	S/160.9	195.0	34 FINDLAY DR, COLLINGWOOD ON	PINC
Incident ID: Incident No: 1298552 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4739753 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2013/12/09 Operation Type: Pipeline Type: Regulator Type: Summary: 34 FINDLAY DR, COLLINGWOOD - 1" PIPELINE HIT Reported By: ADAM BRODERICK - ENBRIDGE GAS Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: No Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location:					
22	2 of 2	S/160.9	195.0	34 FINDLAY DRIVE, COLLINGWOOD ON	PINC
Incident ID: Incident No: 1290836 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4726744 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2013/11/21 Operation Type: Pipeline Type: Regulator Type: Summary: 34 FINDLAY DRIVE, COLLINGWOOD - PIPELINE HIT - 1" Reported By: PAUL PIMEK Affiliation: Occurrence Desc: Damage Reason: No notification made to the one call center Notes:					
Health Impact: Environment Impact: Property Damage: No Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
23	1 of 1	SSE/165.1	195.0	lot 40 con 9 ON	WWIS
Well ID: 5736366 Construction Date:: Primary Water Use:: Domestic Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: NOTTAWASAGA TOWNSHIP County: SIMCOE					
Lot: 040 Concession: 09 Concession Name: CON Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information					
--					
Bore Hole ID: 10521915					
DP2BR: 21					
Code OB: r					
Code OB Description: Bedrock					
Open Hole:					
Date Completed: 28-SEP-01					
Remarks:					
Zone: 17					
East 83: 562529					
North 83: 4925816					
UTMRC: 3					
UTMRC Description: margin of error : 10 - 30 m					
Location Method:					
Org CS: N83					
Elevation: 195					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment: Northing and/or Easting field has been changed. Location estimated from sketch map.					
Improvement Location Source: 1999-2004 MOE Water Well Data Improvement Project					
Improvement Location Method: GIS10000					
Supplier Comment: Accuracy was not specified from source. Within 20m horizontal accuracy assumed as worst case using GIS at a scale of 1:10000.					
Spatial Status: Improved					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID: 932850597					
Layer: 1					
General Color: BLACK					
Most Common Material: TOPSOIL					
Other Materials:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 1					
Formation End Depth UOM: ft					
--					
Formation ID: 932850598					
Layer: 2					
General Color: BROWN					
Most Common Material: SAND					
Other Materials: CLAY					
Other Materials: LAYERED					
Formation Top Depth: 1					
Formation End Depth: 8					
Formation End Depth UOM: ft					
--					
Formation ID: 932850599					
Layer: 3					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		STONES			
Other Materials:		STONE			
Formation Top Depth:		8			
Formation End Depth:		21			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932850600			
Layer:		4			
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:		HARD			
Other Materials:					
Formation Top Depth:		21			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932850601			
Layer:		5			
General Color:		GREY			
Most Common Material:		LIMESTONE			
Other Materials:		HARD			
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		120			
Formation End Depth UOM:		ft			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		933223862			
Layer:		1			
Plug From:		5			
Plug To:		18			
Plug Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965736366			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		11070485			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930669728			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995736366			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Set At:					
Static Level:					
Final Level After Pumping:	115				
Recommended Pump Depth:	115				
Pumping Rate:	2				
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:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	10				
Flowing:	N				
--	--				
Draw Down & Recovery					
--	--				
Pump Test Detail ID:	934320684				
Pump Test ID:	995736366				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	115				
Test Level UOM:	ft				
--	--				
Pump Test Detail ID:	934595109				
Pump Test ID:	995736366				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	115				
Test Level UOM:	ft				
--	--				
Pump Test Detail ID:	934842806				
Pump Test ID:	995736366				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	115				
Test Level UOM:	ft				
--	--				
Pump Test Detail ID:	935110144				
Pump Test ID:	995736366				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	115				
Test Level UOM:	ft				
--	--				
--	--				
Water Details					
--	--				
Water ID:	934014287				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	120				
Water Found Depth UOM:	ft				
--	--				
--	--				
24	1 of 1	NW/179.0	189.0	546 MAPLE STREET COLLINGWOOD ON L9Y 2S8	HINC
External File Num:					
Date of Occurrence:		FS INC 0807-04061			
Fuel Occurrence Type:		7/16/2008			
Fuel Type Involved:		Pipeline Strike			
		Natural Gas			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status Desc::		Completed - Causal Analysis(End)			
Job Type Desc::		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved::		Construction Site (pipeline strike)			
Service Interruptions::		Yes			
Property Damage::		No			
Fuel Life Cycle Stage::		Transmission, Distribution and Transportation			
Root Cause::		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No			
Reported Details::		Management:Yes Human Factors:Yes			
Fuel Category::		Gaseous Fuel			
Occurrence Type::		Incident			
Affiliation::		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name::		Simcoe			
Approx. Quant. Rel::					
Nearby body of water::					
Enter Drainage Syst::					
Approx. Quant. Unit::					
Environmental Impact::					
25	1 of 1	S/186.4	195.0	lot 40 con 9 ON	WWIS
Well ID:		5702551		Lot:	040
Construction Date::				Concession:	09
Primary Water Use::		Domestic		Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::		Water Supply		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		NOTTAWASAGA TOWNSHIP		UTM Reliability::	
County:		SIMCOE			
Bore Hole Information					
--		--			
Bore Hole ID:		10380444			
DP2BR:		31			
Code OB:		r			
Code OB Description:		Bedrock			
Open Hole:					
Date Completed:		19-AUG-58			
Remarks:					
Zone:		17			
East 83:		562379.3			
North 83:		4925747			
UTMRC:		9			
UTMRC Description:		unknown UTM			
Location Method:		p9			
Org CS:					
Elevation:		194.99			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932265611			
Layer:		1			
General Color:					
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:		MEDIUM SAND			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		29			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265612			
Layer:		2			
General Color:					
Most Common Material:		STONES			
Other Materials:					
Other Materials:					
Formation Top Depth:		29			
Formation End Depth:		31			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265613			
Layer:		3			
General Color:					
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		31			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702551			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10929014			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628648			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628649			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995702551			
Pump Set At:					
Static Level:		13			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Final Level After Pumping:		45			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933861886			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			
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--		--			

[26](#)

1 of 1

SW/188.7

195.0

lot 40 con 9
ON

WWIS

Well ID:	5710152	Lot:	040
Construction Date::		Concession:	09
Primary Water Use::	Domestic	Concession Name:	CON
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Water Supply	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP	UTM Reliability::	
County:	SIMCOE		

Bore Hole Information

--	--
Bore Hole ID:	10387970
DP2BR:	
Code OB:	0
Code OB Description:	Overburden
Open Hole:	
Date Completed:	03-AUG-73
Remarks:	
Zone:	17
East 83:	562190.3
North 83:	4925815
UTMRC:	6
UTMRC Description:	margin of error : 300 m - 1 km
Location Method:	p6
Org CS:	
Elevation:	194.46
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Formation ID:		932297112			
Layer:		1			
General Color:					
Most Common Material:		PREVIOUSLY DUG			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932297113			
Layer:		2			
General Color:		GREY			
Most Common Material:		SAND			
Other Materials:		SILT			
Other Materials:		GRAVEL			
Formation Top Depth:		20			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932297114			
Layer:		3			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:					
Other Materials:					
Formation Top Depth:		22			
Formation End Depth:		24			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965710152			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10936540			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930637555			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995710152			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		20			
Recommended Pump Depth:		21			
Pumping Rate:		3			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Recommended Pump Rate: 3 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: N -- Draw Down & Recovery -- Pump Test Detail ID: 934302985 Pump Test ID: 995710152 Test Type: Recovery Test Duration: 15 Test Level: 10 Test Level UOM: ft -- -- Water Details -- Water ID: 933869999 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 22 Water Found Depth UOM: ft -- --					
27	1 of 1	NW/193.0	189.0	544 MAPLE STREET COLLINGWOOD ON L9Y 2S8	HINC
External File Num: FS INC 0809-04951 Date of Occurrence: 8/18/2008 Fuel Occurrence Type: Pipeline Strike Fuel Type Involved: Natural Gas Status Desc:: Completed - Causal Analysis(End) Job Type Desc:: Incident/Near-Miss Occurrence (FS) Oper. Type Involved:: Construction Site (pipeline strike) Service Interruptions:: Yes Property Damage:: No Fuel Life Cycle Stage:: Transmission, Distribution and Transportation Root Cause:: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:No E Reported Details:: Fuel Category:: Gaseous Fuel Occurrence Type:: Incident Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name:: Simcoe Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst.: Approx. Quant. Unit:: Environmental Impact::					
28	1 of 1	SSE/209.3	195.0	804 Hurontario Collingwood ON	EHS
Postal Code: City: Address2:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address1: Provstate: Order No.: 20130903042 Addit. Info Ordered:: Report Date: 12-SEP-13 Report Type: Custom Report Search Radius (km): .25					
29	1 of 1	S/213.5	195.0	lot 41 con 9 ON	WWIS
Well ID: 5727060 Construction Date:: Primary Water Use:: Sec. Water Use:: Final Well Status:: Water Supply Specific Capacity:: Municipality: NOTTAWASAGA TOWNSHIP County: SIMCOE Lot: 041 Concession: 09 Concession Name: CON Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information					
--					
Bore Hole ID: 10404639					
DP2BR:					
Code OB: 0					
Code OB Description: Overburden					
Open Hole:					
Date Completed: 14-JUN-90					
Remarks:					
Zone: 17					
East 83: 562362.9					
North 83: 4925717					
UTMRC: 5					
UTMRC Description: margin of error : 100 m - 300 m					
Location Method: gis					
Org CS:					
Elevation: 194.99					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID: 932372278					
Layer: 1					
General Color: BROWN					
Most Common Material: FILL					
Other Materials:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 6					
Formation End Depth UOM: ft					
--					
Formation ID: 932372279					
Layer: 2					
General Color: BROWN					
Most Common Material: SAND					
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932372280			
Layer:		3			
General Color:		GREY			
Most Common Material:		SILT			
Other Materials:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932372281			
Layer:		4			
General Color:		GREY			
Most Common Material:		GRAVEL			
Other Materials:					
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965727060			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10953209			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930658121			
Layer:		1			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		18			
Casing Diameter:		36			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995727060			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:					
Recommended Pump Depth:		16			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933887014			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		8			
Water Found Depth UOM:		ft			
--		--			
Water ID:		933887015			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		17			
Water Found Depth UOM:		ft			
--		--			
--		--			
30	1 of 1	S/214.7	195.0	lot 41 con 9 ON	WWIS
Well ID:	5727059			Lot:	041
Construction Date::				Concession:	09
Primary Water Use::	Domestic			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--		--			
Bore Hole ID:	10404638				
DP2BR:					
Code OB:	0				
Code OB Description:	Overburden				
Open Hole:					
Date Completed:	14-JUN-90				
Remarks:					
Zone:	17				
East 83:	562399.9				
North 83:	4925723				
UTMRC:	5				
UTMRC Description:	margin of error : 100 m - 300 m				
Location Method:	gis				
Org CS:					
Elevation:	194.99				
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:	932372274				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:		BROWN			
Most Common Material:		FILL			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932372275			
Layer:		2			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932372276			
Layer:		3			
General Color:		GREY			
Most Common Material:		SILT			
Other Materials:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932372277			
Layer:		4			
General Color:		GREY			
Most Common Material:		SAND			
Other Materials:					
Other Materials:					
Formation Top Depth:		16			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965727059			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10953208			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930658120			
Layer:		1			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		18			
Casing Diameter:		36			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Test ID:		995727059			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:					
Recommended Pump Depth:		16			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933887012			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		8			
Water Found Depth UOM:		ft			
--		--			
Water ID:		933887013			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		16			
Water Found Depth UOM:		ft			
--		--			
--		--			
31	1 of 1	SE/232.9	195.0	lot 40 con 8 ON	WWIS
Well ID:	5719512			Lot:	040
Construction Date::				Concession:	08
Primary Water Use::	Public			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--	--				
Bore Hole ID:	10397146				
DP2BR:	18				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	17-OCT-84				
Remarks:					
Zone:	17				
East 83:	562614.3				
North 83:	4925774				
UTMRC:	5				
UTMRC Description:	margin of error : 100 m - 300 m				
Location Method:	p5				
Org CS:					
Elevation:	194.8				
Elevrc:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		932338153			
Layer:		1			
General Color:		BLACK			
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932338154			
Layer:		2			
General Color:					
Most Common Material:		FILL			
Other Materials:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932338155			
Layer:		3			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932338156			
Layer:		4			
General Color:		BROWN			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932338157			
Layer:		5			
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:		HARD			
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965719512			
Method Construction Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Method Construction:		Cable Tool			
Other Method Construction:		--			
--		--			
Pipe Information					
--		--			
Pipe ID:		10945716			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930648554			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		19			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995719512			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:					
Recommended Pump Depth:		20			
Pumping Rate:		19			
Flowing Rate:					
Recommended Pump Rate:		18			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		15			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933879277			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		19			
Water Found Depth UOM:		ft			
--		--			
--		--			
32	1 of 2	NNE/234.4	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	PRT
Location ID:		3349			
Type:		retail			
Expiry Date:		1995-05-31			
Capacity (L):		24500			
Licence #:		0059794001			
32	2 of 2	NNE/234.4	189.0	The Candy Factory Ltd. 645 Hurontario St	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Collingwood ON L9Y 2N6					
Established:		01-AUG-72			
Plant Size (ft²):		5000			
Employment:					
--Details--					
Description:		Confectionery Manufacturing from Purchased Chocolate			
SIC/NAICS Code:		311330			
Description:		Non-Chocolate Confectionery Manufacturing			
SIC/NAICS Code:		311340			
33	1 of 1	SE/236.3	195.0	lot 40 con 8 ON	WWIS
Well ID:	5702525			Lot:	040
Construction Date::				Concession:	08
Primary Water Use::	Domestic			Concession Name:	CON
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NOTTAWASAGA TOWNSHIP			UTM Reliability::	
County:	SIMCOE				
Bore Hole Information					
--	--				
Bore Hole ID:	10380418				
DP2BR:	20				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	15-APR-55				
Remarks:					
Zone:	17				
East 83:	562599.3				
North 83:	4925764				
UTMRC:	9				
UTMRC Description:	unknown UTM				
Location Method:	p9				
Org CS:					
Elevation:	194.82				
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock Materials Interval					
--	--				
Formation ID:	932265518				
Layer:	1				
General Color:	BLACK				
Most Common Material:	TOPSOIL				
Other Materials:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265519			
Layer:		2			
General Color:		YELLOW			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265520			
Layer:		3			
General Color:		BLUE			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		932265521			
Layer:		4			
General Color:		WHITE			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		24			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		965702525			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10928988			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930628604			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930628605			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		24			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		995702525			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		12			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933861862			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		24			
Water Found Depth UOM:		ft			
--		--			
--		--			
34	1 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP
Instance No: 10683622 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/17/1994					
34	2 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP
Instance No: 10683634 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/17/1994					
34	3 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
COLLINGWOOD ON L9Y 2N6					
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10683628 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 5/17/1994			
34	4 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10683628 FS Liquid Fuel Tank EXPIRED 5/17/1994			
34	5 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10683634 FS Liquid Fuel Tank EXPIRED 5/17/1994			
34	6 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10683637 33626 FS Piping FS Piping EXPIRED			
34	7 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Instance No: 10683622 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/17/1994					
34	8 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON L9Y 2N6	EXP
Instance No: 9854816 Instance ID: Instance Type: FS Facility Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/17/1994					
34	9 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON	EXP
Instance No: 10683631 Instance ID: 33857 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
34	10 of 10	NNE/246.9	189.0	WRIGHT MOTORS LTD 645 HURONTARIO ST COLLINGWOOD ON	EXP
Instance No: 10683625 Instance ID: 32642 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
35	1 of 1	N/249.4	189.0	SIMCOE COUNTY BOARD OF EDUCATION COLLINGWOOD C.I./BUS GARAGE 6 CAMERON STREET/37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	GEN
PO Box Num: Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Country:					
Generator #:		ON0358104			
Approval Yrs.:		92,93,94,95,96			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			

Unplottable Summary

Total: **18** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	RALPH FERRACUTI & SONS BUILDERS LTD.	ST."A" CAMPBELL ST. FERRACUTI	COLLINGWOOD TOWN ON	
CA	RALPH FERRACUTI & SONS BUILDERS LTD.	ST."A" CAMPBELL ST.	COLLINGWOOD TOWN ON	
CA	LANDSFOUND DEV. LTD APPLEVALE PROPERTIES	CAMPBELL STREET	COLLINGWOOD TOWN ON	
CA	TWP.	CAMPBELL ST.	COLLINGWOOD TWP. ON	
CA	R.M. OF HALDIMAND-NORFOLK	CAMPBELL AVE. CAMPBELL SUBD.	SIMCOE TOWN ON	
CA	The Corporation of the Town of Collingwood	Maple St Cameron Street, Fourth Street, St. Paul Street and Tremont Lane	Collingwood ON	
CA	The Corporation of the Town of Collingwood	Lot 40, Concessions 8 and 9, and road allowance between Concessions 8 and 9, in	Collingwood ON	
CFOT	DAVID B. GRANT	HWY# 24, CONC 9, RR#1 NOTTAWA	SIMCOE ON	L0M 1P0
ECA	Lotco II Limited	Lot Pt Lot 40	County of Simcoe ON	
GEN	M. LUDWIG & SONS LTD.	HWY. #24 SOUTH	SIMCOE ON	
PES	NORFOLK COOPERATIVE CO LTD (C#87135) SIMCOE WAREHOUSE	SIMCOE WAREHOUSE/STANLEY STREET	SIMCOE ON	N3Y 4L3
PES	COLLINGWOOD H.H.B.C.	HWY. 24 SOUTH, R. R. #2	COLLINGWOOD ON	L9Y 3Z1
SCT	John Brown Custom Sporting Equipment Ltd.	Highway 24	Collingwood ON	L9Y 3Z4
SCT	JOHN BROWN CUSTOM SPORTING	HWY 24 S	COLLINGWOOD ON	L9Y 3Z4
SCT	JOHN BROWN CUSTOM SPORTING	HIGHWAY 24	COLLINGWOOD ON	L9Y 3Z4
SPL	The Corporation of the Town of Collingwood	COLLINGWOOD SHIPYARD - EXTENSION OF MAPLE ST., @ MAPLE ST. AND FIRST ST.<UNOFFICIAL>	Collingwood ON	

SPL	LIQUITERMINALS	HIGHWAY 24, NORTH OF SIMCOE	SIMCOE TOWN ON
SPL	UNKNOWN	HWY 24 2KM N OF TOWN	SIMCOE TOWN ON

Unplottable Report

Site: RALPH FERRACUTI & SONS BUILDERS LTD.
ST."A" CAMPBELL ST. FERRACUTI COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 3-1454-86-
Application Year: 86
Issue Date: 12/12/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: RALPH FERRACUTI & SONS BUILDERS LTD.
ST."A" CAMPBELL ST. COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 7-1157-86-
Application Year: 86
Issue Date: 12/12/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: LANDSFOUND DEV. LTD APPLEVALE PROPERTIES
CAMPBELL STREET COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 3-0997-88-
Application Year: 88
Issue Date: 8/25/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: TWP.
CAMPBELL ST. COLLINGWOOD TWP. ON

Database:
CA

Certificate #: 7-0943-85-006

Application Year: 85
Issue Date: 11/8/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *R.M. OF HALDIMAND-NORFOLK
CAMPBELL AVE. CAMPBELL SUBD. SIMCOE TOWN ON*

Database:
[CA](#)

Certificate #: 7-0985-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal water
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 Collingwood
Maple St Cameron Street, Fourth Street, St. Paul Street and Tremont Lane Collingwood ON*

Database:
[CA](#)

Certificate #: 7875-7FJQ7J
Application Year: 2008
Issue Date: 6/13/2008
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 Town of Collingwood
Lot 40, Concessions 8 and 9, and road allowance between Concessions 8 and 9, in Collingwood ON*

Database:
[CA](#)

Certificate #: 7569-6RKJUY
Application Year: 2006
Issue Date: 7/17/2006
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: DAVID B. GRANT
HWY# 24, CONC 9, RR#1 NOTTAWA SIMCOE ON L0M 1P0

Database:
CFOT

Licence No:
Registration No:
Posse File No:
Posse Reg No:
Tank Type: Single Wall UST
Instance Number: 61348652
Facility Type: FS Fuel Oil Tank
Instance Type: FS Fuel Oil Tank
Status Name: Active
Fuel Type: Fuel Oil
Distributor:
Tank Material: Steel
Tank Age (as of 05/1992):
Tank Size: 1892

Letter Sent:
Corrosion Protection:
Province: ON
Nbr: 2960
Contact Name:
Contact Address:
Contact Address2:
Contact Suite:
Contact City:
Contact Prov:
Contact Postal:
Tank Address: HWY# 24, CONC 9, RR#1 NOTTAWA
Comments:

Site: Lotco II Limited
Lot Pt Lot 40 County of Simcoe ON

Database:
ECA

Approval No: 4934-A77KYK
Project Type: Municipal and Private Sewage Works
Date: 2016-03-03
Status: Approved
Longitude:
Latitude:
Record Type:
PDF URL: <https://www.accessenvironment.ene.gov.on.ca/instruments/8144-A27QMY-14.pdf>
Full Address: Lot Pt Lot 40, Concession 9 Collingwood Town, County of Simcoe, Ontario

Site: M. LUDWIG & SONS LTD.
HWY. #24 SOUTH SIMCOE ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON2015500
Approval Yrs:: 95,96
SIC Code: 3251
SIC Description: VEHICLE ENGINE IND.

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: NORFOLK COOPERATIVE CO LTD (C#87135) SIMCOE WAREHOUSE
SIMCOE WAREHOUSE/STANLEY STREET SIMCOE ON N3Y 4L3

Database:
PES

Detail Licence No.:
Licence Type: Vendor

Site: COLLINGWOOD H.H.B.C.
HWY. 24 SOUTH, R. R. #2 COLLINGWOOD ON L9Y 3Z1

Database:
PES

Detail Licence No.: 23-01-05738-0
Licence Type: Limited Vendor

Site: John Brown Custom Sporting Equipment Ltd.
Highway 24 Collingwood ON L9Y 3Z4

Database:
[SCT](#)

Established: 1970
Plant Size (ft²):
Employment: 20

Site: JOHN BROWN CUSTOM SPORTING
HWY 24 S COLLINGWOOD ON L9Y 3Z4

Database:
[SCT](#)

Established: 1970
Plant Size (ft²): 0
Employment: 50

--Details--

Description: SPORTING AND ATHLETIC GOODS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3949

Site: JOHN BROWN CUSTOM SPORTING
HIGHWAY 24 COLLINGWOOD ON L9Y 3Z4

Database:
[SCT](#)

Established: 1970
Plant Size (ft²): 0
Employment: 50

--Details--

Description: Sporting and Athletic Goods Manufacturing
SIC/NAICS Code: 339920

Site: The Corporation of the Town of Collingwood
COLLINGWOOD SHIPYARD - EXTENSION OF MAPLE ST., @ MAPLE ST. AND FIRST ST.<UNOFFICIAL>
Collingwood ON

Database:
[SPL](#)

Ref No: 6235-63XKCS
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Quantity: 4540 L
Incident Cause: Pipe Or Hose Leak
Incident Dt: 8/17/2004
Incident Reason: Equipment Failure
Incident Summary: Collingwood yard,4,540 L sewage into excavation
MOE Reported Dt: 8/17/2004
Environmental Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class: Spill to Land
Sector Source Type: Sewer
Receiving Environment:
Incident Event:
Site Municipality: Collingwood

Site: LIQUITERMINALS
HIGHWAY 24, NORTH OF SIMCOE SIMCOE TOWN ON

Database:
[SPL](#)

Ref No: 19320
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 5/30/1989

Incident Reason: ADVERSE ROAD CONDITION
Incident Summary: LIQUID TERMINALS- SPILL OF UNKNOWN AMOUNT OF POLYPROPYLENE GLYCOL
MOE Reported Dt: 5/30/1989
Environmental Impact:
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 12403

Site: UNKNOWN
HWY 24 2KM N OF TOWN SIMCOE TOWN ON

Database:
[SPL](#)

Ref No: 23925
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CONTAINER LEAK
Incident Dt: 8/19/1989
Incident Reason: UNKNOWN
Incident Summary: BARREL FELL OFF TRUCK, SPILLING PESTICIDE TO ROAD
MOE Reported Dt: 8/19/1989
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 12403

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 2016

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999 - Oct 2016

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999 - Oct 2016

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 31, 2012

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-May 2017

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-May 2017

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Aug 2015

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-Mar 2017

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-May 2017

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-Mar 2017

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-Aug 2016

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Mar 2017

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-Sept 2003

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Sep 2016

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 2015

TSSA Historic Incidents:

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2017

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, 2014

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-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008 - Dec 2016

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

NPRI

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

Government Publication Date: 1993-2014**Oil and Gas Wells:**

Private

OGW

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

Government Publication Date: 1988-Jan 2017**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-Oct 2016**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-May 2017**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**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents:

Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

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-May 2017

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: 1986-2013

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2017

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999 - Oct 2016

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Dec 2016

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: 1990-2014

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERI'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: 1970-Mar 2017

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 ERI'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: Jun 30, 2016

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.



DATABASE REPORT

Project Property: *Phase One ESA - 33 Findlay Drive,
Collingwood
33 Findlay Dr
Collingwood ON L9Y0G6*

Project No:

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

Order No: *20171002181*

Requested by: *WSP Canada Inc.*

Date Completed: *October 11, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com
www.erisinfo.com

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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 - 33 Findlay Drive, Collingwood
33 Findlay Dr Collingwood ON L9Y0G6*

Project No:

Order Information:

Order No:

20171002181

Date Requested:

October 2, 2017

Requested by:

WSP Canada Inc.

Report Type:

Quote - Custom-Build Your Own Report

Historical/Products:

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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	3	3
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
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	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	3	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired 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
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	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	TSSA Pipeline Incidents	Y	0	3	3
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	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	19	19
Total:			0	49	49

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 40 con 9 ON	N/5.6	-1.84	16
2	WWIS		lot 40 con 9 ON	N/5.7	-1.84	19
3	WWIS		lot 40 con 9 ON	SSW/17.4	0.00	21
4	WWIS		lot 40 con 9 ON	SW/22.9	0.00	24
5	WWIS		lot 40 con 9 ON	NE/23.1	-1.61	26
6	PINC		34 FINDLAY DR, COLLINGWOOD ON	S/45.1	0.00	29
6	PINC		34 FINDLAY DRIVE, COLLINGWOOD ON	S/45.1	0.00	29
7	PINC		569 MAPLE ST, COLLINGWOOD ON	WNW/54.3	-1.27	30
8	WWIS		lot 40 con 9 ON	ESE/63.2	0.00	30
9	WWIS		lot 40 con 9 ON	S/86.9	0.00	33
10	WWIS		lot 40 con 9 ON	SSW/92.9	0.00	35
11	EHS		804 Hurontario Collingwood ON	SSE/98.1	0.00	38
12	WWIS		lot 40 con 9 ON	SE/98.2	0.00	39
13	WWIS		lot 41 con 9 ON	S/106.5	0.00	42
14	WWIS		lot 41 con 9 ON	SSW/120.8	0.00	45
15	WWIS		lot 40 con 9 ON	SSE/139.5	0.00	47
16	PES	WEED TAMER	2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	NNE/150.2	-5.00	49
17	EHS		37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	NNW/162.3	-6.00	49
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NNW/162.3	-6.00	50
17	GEN	PARKVIEW TRANSIT	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	NNW/162.3	-6.00	50
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NNW/162.3	-6.00	51
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NNW/162.3	-6.00	51
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON	NNW/162.3	-6.00	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NNW/162.3	-6.00	52
17	GEN	PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	NNW/162.3	-6.00	52
18	CA	JOBELSIE MANAGEMENT LTD. PHASE 1	MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	NW/167.4	-4.92	53
18	CA	JOBELSIE MANAGEMENT LTD. PH. 1	MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	NW/167.4	-4.92	53
19	HINC		14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	ENE/171.4	-0.25	53
20	SPL	Enbridge Gas Distribution	Campbell St and Maple Street Collingwood ON	NW/172.7	-5.15	54
21	WWIS		ON	NNE/178.8	-5.00	54
22	WWIS		lot 40 con 8 ON	SE/181.6	0.00	55
23	EHS		728 Hurontario Street Collingwood ON L9Y 0G6	NW/185.8	-6.00	57
24	WWIS		ON	WNW/186.8	-4.97	58
25	SPL	Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	NNE/191.3	-5.00	60
25	SPL	Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	NNE/191.3	-5.00	60
26	WWIS		lot 40 con 8 ON	ESE/191.8	0.00	61
27	WWIS		lot 40 con 8 ON	ENE/194.0	-3.05	63
28	WWIS		lot 40 con 9 ON	WSW/197.7	0.00	66
29	CA	Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON	NW/204.8	-5.72	68
29	ECA	Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON M2J 1P8	NW/204.8	-5.72	68
29	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	NW/204.8	-5.72	69
29	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	NW/204.8	-5.72	69
29	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	NW/204.8	-5.72	69
29	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	NW/204.8	-5.72	70
29	GEN	ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	NW/204.8	-5.72	70
30	WWIS		ON	N/229.6	-5.00	70
31	PES	DIANE'S GARDEN	BOX 2004, R. R. #2 COLLINGWOOD ON L9Y 3Z2	SE/230.8	0.00	73
31	PES	DIANE'S GARDEN	RR 2 BOX 2004 COLLINGWOOD ON L9Y3Z1	SE/230.8	0.00	73
32	PES	DIANE'S GARDEN	R R 2, 833 HURONTARIO ST. COLLINGWOOD ON L9Y3Z1	SE/241.9	0.00	73

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA 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>
JOBELSIE MANAGEMENT LTD. PH. 1	MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	167.4	<u>18</u>
JOBELSIE MANAGEMENT LTD. PHASE 1	MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	167.4	<u>18</u>
Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON	204.8	<u>29</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 2017 has found that there are 1 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>
Enbridge Gas Distribution Inc.	49-51 Campbell St Collingwood ON M2J 1P8	204.8	<u>29</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 3 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>
	804 Hurontario Collingwood ON	98.1	<u>11</u>
	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	162.3	<u>17</u>
	728 Hurontario Street Collingwood ON L9Y 0G6	185.8	<u>23</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 12 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>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	162.3	<u>17</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	162.3	<u>17</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON	162.3	<u>17</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	162.3	<u>17</u>
PARKVIEW TRANSIT	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	162.3	<u>17</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	162.3	<u>17</u>
PARKVIEW TRANSIT	37 Campbell St. Collingwood ON L9Y 2K9	162.3	<u>17</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	204.8	<u>29</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON	204.8	<u>29</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	204.8	<u>29</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	204.8	<u>29</u>
ENBRIDGE GAS DISTRIBUTION INC.	51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	204.8	<u>29</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC 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>
	14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	171.4	<u>19</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 4 PES 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>
WEED TAMER	2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	150.2	<u>16</u>
DIANE'S GARDEN	BOX 2004, R. R. #2 COLLINGWOOD ON L9Y 3Z2	230.8	<u>31</u>
DIANE'S GARDEN	RR 2 BOX 2004 COLLINGWOOD ON L9Y3Z1	230.8	<u>31</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DIANE'S GARDEN	R R 2, 833 HURONTARIO ST. COLLINGWOOD ON L9Y3Z1	241.9	<u>32</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 3 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>
	34 FINDLAY DR, COLLINGWOOD ON	45.1	<u>6</u>
	34 FINDLAY DRIVE, COLLINGWOOD ON	45.1	<u>6</u>
	569 MAPLE ST, COLLINGWOOD ON	54.3	<u>7</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2017 has found that there are 3 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>
Enbridge Gas Distribution	Campbell St and Maple Street Collingwood ON	172.7	<u>20</u>
Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	191.3	<u>25</u>
Enbridge Gas Distribution	Campbell Street, west of Hurontario Street Collingwood ON	191.3	<u>25</u>

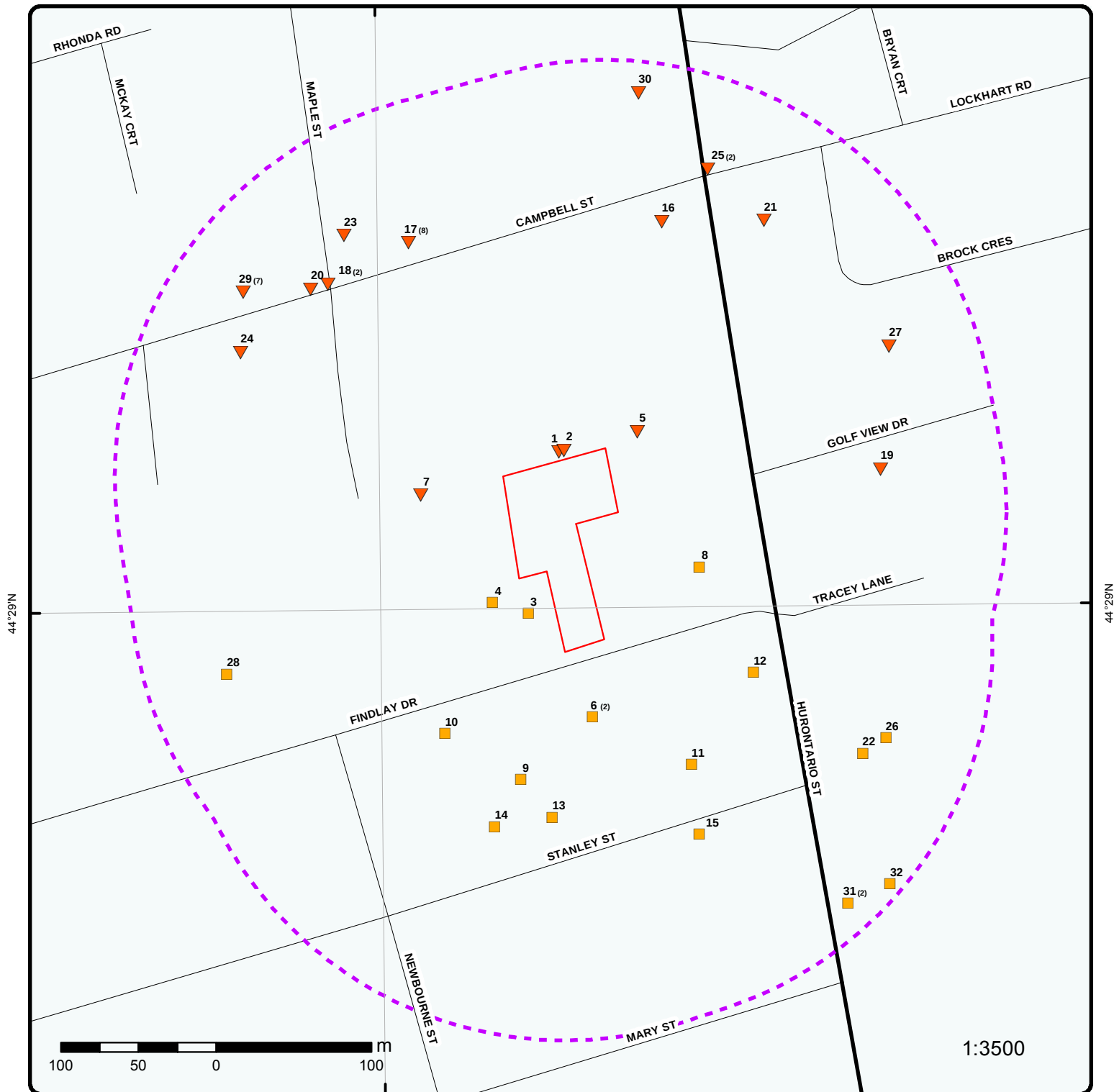
WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 19 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 40 con 9 ON	5.6	<u>1</u>
	lot 40 con 9 ON	5.7	<u>2</u>
	lot 40 con 9 ON	17.4	<u>3</u>
	lot 40 con 9 ON	22.9	<u>4</u>
	lot 40 con 9 ON	23.1	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 40 con 9 ON	63.2	<u>8</u>
	lot 40 con 9 ON	86.9	<u>9</u>
	lot 40 con 9 ON	92.9	<u>10</u>
	lot 40 con 9 ON	98.2	<u>12</u>
	lot 41 con 9 ON	106.5	<u>13</u>
	lot 41 con 9 ON	120.8	<u>14</u>
	lot 40 con 9 ON	139.5	<u>15</u>
	ON	178.8	<u>21</u>
	lot 40 con 8 ON	181.6	<u>22</u>
	ON	186.8	<u>24</u>
	lot 40 con 8 ON	191.8	<u>26</u>
	lot 40 con 8 ON	194.0	<u>27</u>
	lot 40 con 9 ON	197.7	<u>28</u>
	ON	229.6	<u>30</u>

80°13'W



Map : 0.25 Kilometer Radius

Order No: 20171002181

Address: 33 Findlay Dr, Collingwood, ON, L9Y0G6



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

80°13'30"W

44°28'30"N

44°28'30"N



Aerial

Address: 33 Findlay Dr, Collingwood, ON, L9Y0G6

Source: ESRI World Imagery

Order No: 20171002181



© ERIS Information Limited Partnership



Topographic Map

Address: 33 Findlay Dr, Collingwood, ON, L9Y0G6

Source: ESRI World Topographic Map

Order No: 20171002181



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	N/5.6	193.0	lot 40 con 9 ON	WWIS
Well ID: 5702555 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: 10/12/1965 Selected Flag: 1 Abandonment Rec: Contractor: 5510 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: NOTTAWASAGA TOWNSHIP Site Info: Lot: 040 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10380448 DP2BR: 30 Code OB: h Code OB Desc: Mixed in a Layer Open Hole: Elevation: 193.29869 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Spatial Status: Cluster Kind: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: gis Org CS: Date Completed: 4/19/1965					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932265626 Layer: 1 Color: General Color: Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932265627			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		7.00			
Formation End Depth UOM:		ft			
Formation ID:		932265628			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		7.00			
Formation End Depth:		14.00			
Formation End Depth UOM:		ft			
Formation ID:		932265629			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		14.00			
Formation End Depth:		23.00			
Formation End Depth UOM:		ft			
Formation ID:		932265630			
Layer:		5			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		23.00			
Formation End Depth:		30.00			
Formation End Depth UOM:		ft			
Formation ID:		932265631			
Layer:		6			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Mat2:		17			
Other Materials:		SHALE			
Mat3:					
Other Materials:					
Formation Top Depth:		30.00			
Formation End Depth:		34.00			
Formation End Depth UOM:		ft			
Formation ID:		932265632			
Layer:		7			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		34.00			
Formation End Depth:		46.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965702555			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10929018			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930628655			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		34.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930628656			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		46.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995702555			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Set At:					
Static Level:		9.00			
Final Level After Pumping:		26.00			
Recommended Pump Depth:		28.00			
Pumping Rate:		2.00			
Flowing Rate:					
Recommended Pump Rate:		2.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
Water Details					
Water ID:		933861889			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		44.00			
Water Found Depth UOM:		ft			
2	1 of 1	N/5.7	193.0	lot 40 con 9 ON	WWIS
Well ID:	5702554			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	10/12/1965
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Abandoned-Supply			Abandonment Rec:	
Water Type:				Contractor:	5510
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	10380447			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	5
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:				Location Method:	p5
Elevation:	193.288787			Org CS:	
Elevrc:				Date Completed:	4/12/1965
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932265621			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932265622			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		7.00			
Formation End Depth UOM:		ft			
Formation ID:		932265623			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		7.00			
Formation End Depth:		14.00			
Formation End Depth UOM:		ft			
Formation ID:		932265624			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		14.00			
Formation End Depth:		23.00			
Formation End Depth UOM:		ft			
Formation ID:		932265625			
Layer:		5			
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		23.00			
Formation End Depth:		30.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965702554			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10929017			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930628654			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
3	1 of 1	SSW/17.4	194.9	lot 40 con 9 ON	WWIS
Well ID:	5706425			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/16/1969
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4726
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10384282			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	4
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	p4
Elevation:	195.095703			Org CS:	
Elevrc:				Date Completed:	5/28/1969
Remarks:					
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:	932281815				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	6.00				
Formation End Depth UOM:	ft				
Formation ID:	932281816				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	6.00				
Formation End Depth:	17.00				
Formation End Depth UOM:	ft				
Formation ID:	932281817				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	05				
Other Materials:	CLAY				
Mat3:					
Other Materials:					
Formation Top Depth:	17.00				
Formation End Depth:	24.00				
Formation End Depth UOM:	ft				
Formation ID:	932281818				
Layer:	4				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		24.00			
Formation End Depth:		25.00			
Formation End Depth UOM:		ft			
Formation ID:		932281819			
Layer:		5			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		25.00			
Formation End Depth:		27.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965706425			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10932852			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930633276			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27.00			
Casing Diameter:		5.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995706425			
Pump Set At:					
Static Level:		7.00			
Final Level After Pumping:		24.00			
Recommended Pump Depth:		25.00			
Pumping Rate:		5.00			
Flowing Rate:					
Recommended Pump Rate:		4.00			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933865766			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		27.00			
Water Found Depth UOM:		ft			
4	1 of 1	SW/22.9	194.9	lot 40 con 9 ON	WWIS
Well ID:		5702550		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	4/9/1958
Sec. Water Use:		0		Selected Flag:	1
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	3807
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10380443		Spatial Status:	
DP2BR:		33		Cluster Kind:	
Code OB:		r		UTMRC:	9
Code OB Desc:		Bedrock		UTMRC Desc:	unknown UTM
Open Hole:				Location Method:	p9
Elevation:		195.109161		Org CS:	
Elevrc:				Date Completed:	9/3/1957
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation ID:		932265609			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		33.00			
Formation End Depth UOM:		ft			
Formation ID:		932265610			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		33.00			
Formation End Depth:		55.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965702550			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10929013			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930628646			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		33.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930628647			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995702550			
Pump Set At:					
Static Level:		10.00			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933861885			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55.00			
Water Found Depth UOM:		ft			

5	1 of 1	NE/23.1	193.3	lot 40 con 9 ON	WWIS
Well ID:	5702556			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/12/1965
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5510
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10380449	Spatial Status:	
DP2BR:	28	Cluster Kind:	
Code OB:	r	UTMRC:	5
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:		Location Method:	p5
Elevation:	193.214141	Org CS:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:			Date Completed: 6/9/1965		
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932265633			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		6.00			
Formation End Depth UOM:		ft			
Formation ID:		932265634			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		6.00			
Formation End Depth:		17.00			
Formation End Depth UOM:		ft			
Formation ID:		932265635			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		17.00			
Formation End Depth:		28.00			
Formation End Depth UOM:		ft			
Formation ID:		932265636			
Layer:		4			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		28.00			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation End Depth:		30.00			
Formation End Depth UOM:		ft			
Formation ID:		932265637			
Layer:		5			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		30.00			
Formation End Depth:		39.00			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965702556			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10929019			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930628657			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930628658			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		39.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995702556			
Pump Set At:					
Static Level:		14.00			
Final Level After Pumping:		37.00			
Recommended Pump Depth:		38.00			
Pumping Rate:		3.00			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flowing Rate: Recommended Pump Rate: 3.00 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: N					
Water Details					
Water ID: 933861890 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 39.00 Water Found Depth UOM: ft					
6	1 of 2	S/45.1	194.9	34 FINDLAY DR, COLLINGWOOD ON	PINC
Incident ID: Incident No: 1298552 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4739753 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start 2013/12/09 Date: Operation Type: Pipeline Type: Regulator Type: Summary: 34 FINDLAY DR, COLLINGWOOD - 1" PIPELINE HIT Reported By: ADAM BRODERICK - ENBRIDGE GAS Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: No Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location:					
6	2 of 2	S/45.1	194.9	34 FINDLAY DRIVE, COLLINGWOOD ON	PINC
Incident ID: Incident No: 1290836 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4726744 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence:					
Health Impact: Environment Impact: Property Damage: No Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location:					

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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10386224			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	4
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	p4
Elevation:	195.097518			Org CS:	
Elevrc:				Date Completed:	10/22/1971
Remarks:					
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:	932289635				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	2.00				
Formation End Depth UOM:	ft				
Formation ID:	932289636				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	2.00				
Formation End Depth:	11.00				
Formation End Depth UOM:	ft				
Formation ID:	932289637				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	11.00				
Formation End Depth:	17.00				
Formation End Depth UOM:	ft				
Formation ID:	932289638				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		17.00			
Formation End Depth:		22.00			
Formation End Depth UOM:		ft			
Formation ID:		932289639			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		22.00			
Formation End Depth:		26.00			
Formation End Depth UOM:		ft			
Formation ID:		932289640			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		26.00			
Formation End Depth:		29.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965708393			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10934794			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930635578			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth To:		29.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995708393			
Pump Set At:					
Static Level:		20.00			
Final Level After Pumping:		24.00			
Recommended Pump Depth:		25.00			
Pumping Rate:		5.00			
Flowing Rate:					
Recommended Pump Rate:		5.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933867975			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26.00			
Water Found Depth UOM:		ft			
9	1 of 1	S/86.9	194.9	lot 40 con 9 ON	WWIS
Well ID:	5702551			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/18/1958
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2402
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	10380444			Spatial Status:	
DP2BR:	31			Cluster Kind:	
Code OB:	r			UTMRC:	9

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Code OB Desc: Open Hole: Elevation: Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Bedrock 194.986495			UTMRC Desc: Location Method: Org CS: Date Completed:	unknown UTM p9 8/19/1958
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265611 1 05 CLAY 09 MEDIUM SAND 0.00 29.00 ft			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265612 2 12 STONES 29.00 31.00 ft			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932265613 3 15 LIMESTONE 31.00 55.00 ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:		965702551 1 Cable Tool			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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Pipe Information

Pipe ID: 10929014
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930628648
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32.00
Casing Diameter: 7.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930628649
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 55.00
Casing Diameter: 7.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 995702551
Pump Set At:
Static Level: 13.00
Final Level After Pumping: 45.00
Recommended Pump Depth:
Pumping Rate: 5.00
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933861886
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

[10](#)

1 of 1

SSW/92.9

194.9

lot 40 con 9
ON

WWIS

Well ID: 5730505

Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/6/1994
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3602
Casing Material:				Form Version:	1
Audit No:	137016			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10408063	Spatial Status:	
DP2BR:	19	Cluster Kind:	
Code OB:	r	UTMRC:	5
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:		Location Method:	gis
Elevation:	195.000411	Org CS:	
Elevrc:		Date Completed:	12/10/1993
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932389312
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft
Formation ID:	932389313
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		2.00			
Formation End Depth:		19.00			
Formation End Depth UOM:		ft			
Formation ID:		932389314			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		19.00			
Formation End Depth:		35.00			
Formation End Depth UOM:		ft			
Formation ID:		932389315			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		73			
Other Materials:		HARD			
Mat3:		80			
Other Materials:		POROUS			
Formation Top Depth:		35.00			
Formation End Depth:		77.00			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933193147			
Layer:		1			
Plug From:		6.00			
Plug To:		11.00			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965730505			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10956633			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930662338			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:					
Depth To:		36.00			
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995730505			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:		17.00			
Recommended Pump Depth:		70.00			
Pumping Rate:		8.00			
Flowing Rate:					
Recommended Pump Rate:		20.00			
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:		45			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934309831			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		17.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934585571			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		17.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934833603			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		17.00			
Test Level UOM:		ft			
Pump Test Detail ID:		935100492			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17.00			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933890558			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.00			
Water Found Depth UOM:		ft			
11	1 of 1	SSE/98.1	194.9	804 Hurontario Collingwood ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Postal Code: City: Address2: Address1: Provstate: Order No.: 20130903042 Addit. Info Ordered:: Report Date: 12-SEP-13 Report Type: Custom Report Search Radius (km): .25					

12	1 of 1	SE/98.2	194.9	lot 40 con 9 ON	WWIS
Well ID: 5736366 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 218495 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: 10/17/2001 Selected Flag: 1 Abandonment Rec: Contractor: 3602 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: NOTTAWASAGA TOWNSHIP Site Info: Lot: 040 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10521915 DP2BR: 21 Code OB: r Code OB Desc: Bedrock Open Hole: Elevation: 195.000595 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: 1999-2004 MOE Water Well Data Improvement Project Improvement Location Method: GIS10000 Source Revision Comment: Northing and/or Easting field has been changed. Location estimated from sketch map. Supplier Comment: Accuracy was not specified from source. Within 20m horizontal accuracy assumed as worst case using GIS at a scale of 1:10000.					
Spatial Status: Improved Cluster Kind: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: Org CS: N83 Date Completed: 9/28/2001					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932850597 Layer: 1 Color: 8 General Color: BLACK Mat1: 02					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932850598			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		1.00			
Formation End Depth:		8.00			
Formation End Depth UOM:		ft			
Formation ID:		932850599			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		87			
Other Materials:		STONEY			
Formation Top Depth:		8.00			
Formation End Depth:		21.00			
Formation End Depth UOM:		ft			
Formation ID:		932850600			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		21.00			
Formation End Depth:		25.00			
Formation End Depth UOM:		ft			
Formation ID:		932850601			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		25.00			
Formation End Depth:		120.00			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933223862			
Layer:		1			
Plug From:		5.00			
Plug To:		18.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736366			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11070485			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930669728			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995736366			
Pump Set At:					
Static Level:					
Final Level After Pumping:		115.00			
Recommended Pump Depth:		115.00			
Pumping Rate:		2.00			
Flowing Rate:					
Recommended Pump Rate:		2.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		10			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934320684			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		115.00			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Test Detail ID:		934595109			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		115.00			
Test Level UOM:		ft			
Pump Test Detail ID:		934842806			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		115.00			
Test Level UOM:		ft			
Pump Test Detail ID:		935110144			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		115.00			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		934014287			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120.00			
Water Found Depth UOM:		ft			
<u>13</u>	1 of 1	S/106.5	194.9	lot 41 con 9 ON	WWIS
Well ID:	5727059			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/1/1990
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3030
Casing Material:				Form Version:	1
Audit No:	42503			Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	041
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	10404638			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	5
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:				Location Method:	gis
Elevation:	194.987258			Org CS:	
Elevrc:				Date Completed:	6/14/1990
Remarks:					
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932372274			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		4.00			
Formation End Depth UOM:		ft			
Formation ID:		932372275			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4.00			
Formation End Depth:		8.00			
Formation End Depth UOM:		ft			
Formation ID:		932372276			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8.00			
Formation End Depth:		16.00			
Formation End Depth UOM:		ft			
Formation ID:		932372277			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		16.00			
Formation End Depth:		18.00			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965727059			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10953208			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930658120			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		18.00			
Casing Diameter:		36.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995727059			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:					
Recommended Pump Depth:		16.00			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		1.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933887012			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		8.00			
Water Found Depth UOM:		ft			
Water ID:		933887013			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		16.00			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	1 of 1	SSW/120.8	194.9	lot 41 con 9 ON	WWIS
Well ID: 5727060 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 42504 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: 8/1/1990 Selected Flag: 1 Abandonment Rec: Contractor: 3030 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: NOTTAWASAGA TOWNSHIP Site Info: Lot: 041 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10404639 DP2BR: Code OB: 0 Code OB Desc: Overburden Open Hole: Elevation: 194.993392 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Spatial Status: Cluster Kind: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: gis Org CS: Date Completed: 6/14/1990					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932372278 Layer: 1 Color: 6 General Color: BROWN Mat1: 01 Most Common Material: FILL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0.00 Formation End Depth: 6.00 Formation End Depth UOM: ft Formation ID: 932372279 Layer: 2 Color: 6 General Color: BROWN Mat1: 28					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		6.00			
Formation End Depth:		8.00			
Formation End Depth UOM:		ft			
Formation ID:		932372280			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8.00			
Formation End Depth:		17.00			
Formation End Depth UOM:		ft			
Formation ID:		932372281			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		17.00			
Formation End Depth:		18.00			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965727060			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10953209			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930658121			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		18.00			
Casing Diameter:		36.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995727060			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:					
Recommended Pump Depth:		16.00			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933887014			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		8.00			
Water Found Depth UOM:		ft			
Water ID:		933887015			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		17.00			
Water Found Depth UOM:		ft			
15	1 of 1	SSE/139.5	194.9	lot 40 con 9 ON	WWIS
Well ID:	5702547			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/6/1954
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5510
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bore Hole ID:	10380440			Spatial Status:	
DP2BR:	2			Cluster Kind:	
Code OB:	r			UTMRC:	9
Code OB Desc:	Bedrock			UTMRC Desc:	unknown UTM
Open Hole:				Location Method:	p9
Elevation:	194.998977			Org CS:	
Elevrc:				Date Completed:	6/10/1953
Remarks:					
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:	932265599				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	2.00				
Formation End Depth UOM:	ft				
Formation ID:	932265600				
Layer:	2				
Color:					
General Color:					
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	2.00				
Formation End Depth:	12.00				
Formation End Depth UOM:	ft				
Formation ID:	932265601				
Layer:	3				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	17				
Other Materials:	SHALE				
Mat3:					
Other Materials:					
Formation Top Depth:	12.00				
Formation End Depth:	32.00				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965702547				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 10929010 Casing No: 1 Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 930628641 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: Depth To: 32.00 Casing Diameter: 4.00 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 995702547 Pump Set At: Static Level: 8.00 Final Level After Pumping: 10.00 Recommended Pump Depth: Pumping Rate: 5.00 Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: N					
<u>Water Details</u>					
Water ID: 933861882 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 32.00 Water Found Depth UOM: ft					
16	1 of 1	NNE/150.2	189.9	WEED TAMER 2 CAMPBELL ST COLLINGWOOD ON L9Y 2K8	PES
Detail Licence No.: Licence Type:					
17	1 of 8	NNW/162.3	188.9	37 CAMPBELL STREET COLLINGWOOD ON L9Y 2K9	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Postal Code: City: Address2: Address1: Provstate: Order No.: 20070614011 Addit. Info Ordered:: Aerials Photos Report Date: 6/22/2007 Report Type: CAN - Complete Report Search Radius (km): 0.25					
17	2 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
Generator No.: ON1143702 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 485990 SIC Description: Other Transit and Ground Passenger Transportation --Details-- Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
17	3 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 CAMPBELL STREET COLLINGWOOD ON L9Y 2J2	GEN
Generator No.: ON1143702 Status: Approval Years: 97,98,99,00,01 Contam. Facility: MHSW Facility: SIC Code: 4573 SIC Description: SCHOOL BUS OPER. --Details-- Waste Code: 112 Waste Description: ACID WASTE - HEAVY METALS Waste Code: 122 Waste Description: ALKALINE WASTES - OTHER METALS Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 211 Waste Description: AROMATIC SOLVENTS Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: Waste Description: Waste Code: Waste Description: Waste Code: Waste Description: Waste Code: Waste Description: 251 OIL SKIMMINGS & SLUDGES 252 WASTE OILS & LUBRICANTS 263 ORGANIC LABORATORY CHEMICALS 264 PHOTOPROCESSING WASTES					
17	4 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description: ON1143702 2010 485990 Other Transit and Ground Passenger Transportation PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details-- Waste Code: Waste Description: Waste Code: Waste Description: 221 LIGHT FUELS 252 WASTE OILS & LUBRICANTS					
17	5 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description: ON1143702 2009 485990 Other Transit and Ground Passenger Transportation PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details-- Waste Code: Waste Description: Waste Code: Waste Description: 221 LIGHT FUELS 252 WASTE OILS & LUBRICANTS					
17	6 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON	GEN
Generator No.: Status: Approval Years: Contam. Facility: ON1143702 2013 PO Box No.: Country: Choice of Contact: Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	485990			Phone No. Admin:	
--Details-- Waste Code: Waste Description:	221 LIGHT FUELS				
Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
17	7 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1143702 2011 485990			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
	Other Transit and Ground Passenger Transportation				
--Details-- Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
Waste Code: Waste Description:	221 LIGHT FUELS				
17	8 of 8	NNW/162.3	188.9	PARKVIEW TRANSIT 37 Campbell St. Collingwood ON L9Y 2K9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1143702 02,03,04,05,06,07,08 			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
--Details-- Waste Code: Waste Description:	112 ACID WASTE - HEAVY METALS				
Waste Code: Waste Description:	122 ALKALINE WASTES - OTHER METALS				
Waste Code: Waste Description:	148 INORGANIC LABORATORY CHEMICALS				
Waste Code: Waste Description:	211 AROMATIC SOLVENTS				
Waste Code: Waste Description:	212 ALIPHATIC SOLVENTS				
Waste Code: Waste Description:	213 PETROLEUM DISTILLATES				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 264 Waste Description: PHOTOPROCESSING WASTES Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
18	1 of 2	NW/167.4	190.0	JOBELSIE MANAGEMENT LTD. PHASE 1 MAPLE ST./CAMPBELL ST. R.P.353 COLLINGWOOD TOWN ON	CA
Certificate #: 3-2205-89- Application Year: 89 Issue Date: 12/4/1989 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
18	2 of 2	NW/167.4	190.0	JOBELSIE MANAGEMENT LTD. PH. 1 MAPLE ST./CAMPBELL ST. COLLINGWOOD TOWN ON	CA
Certificate #: 7-1824-89- Application Year: 89 Issue Date: 11/27/1989 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
19	1 of 1	ENE/171.4	194.6	14 GOLF VIEW DRIVE COLLINGWOOD ON L9Y 0G7	HINC
External File Num: FS INC 0701-00151 Date of Occurrence: 11/21/2006 Fuel Occurrence Type: Pipeline Strike Fuel Type Involved: Natural Gas Status Desc:: Completed - Causal Analysis(End)					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Job Type Desc:: Incident/Near-Miss Occurrence (FS) Oper. Type Involved:: Private Dwelling Service Interruptions:: Yes Property Damage:: No Fuel Life Cycle Stage:: Utilization Root Cause:: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:No Reported Details:: Fuel Category:: Gaseous Fuel Occurrence Type:: Incident Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name:: Simcoe Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst.:: Approx. Quant. Unit:: Environmental Impact::					
20	1 of 1	NW/172.7	189.7	Enbridge Gas Distribution Campbell St and Maple Street Collingwood ON	SPL
Ref No: 6406-9C523W Contaminant Name: NATURAL GAS (METHANE) Contaminant Code: 35 Contaminant Limit 1: Contam. Limit Freq 1: Contaminant UN No 1: Contaminant Qty: 0 other - see incident description MOE Reported Dt: 2013/10/02 Health/Env Conseq: Incident Dt: 2013/10/02 Incident Cause: Start up/Shut down Incident Event: Incident Reason: Intentional Discharge Incident Summary: Enbridge: Controlled gas release					
Site Address: Campbell St and Maple Street Site Conc: Site Lot: Site County/District: Site Municipality: Collingwood Site Postal Code: Sector Type: Pipeline/Components Source Type: Receiving Medium: Receiving Env: Environment Impact: Confirmed Nature of Impact: Air Pollution SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill					
21	1 of 1	NNE/178.8	189.9	ON	WWIS
Well ID: 7283331 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Z251285 Tag: A217095 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: Date Entry is incomplete Data Src: Date Received: 3/17/2017 Selected Flag: 1 Abandonment Rec: Contractor: 7230 Form Version: 7 Owner: Street Name: County: SIMCOE Municipality: COLLINGWOOD TOWN Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1006368909			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:				UTMRC:	4
Code OB Desc:				UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	wwr
Elevation:	190.307693			Org CS:	UTM83
Elevrc:				Date Completed:	11/4/2016
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
22	1 of 1	SE/181.6	194.9	lot 40 con 8 ON	WWIS
Well ID:	5702525			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/6/1955
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1319
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10380418			Spatial Status:	
DP2BR:	20			Cluster Kind:	
Code OB:	r			UTMRC:	9
Code OB Desc:	Bedrock			UTMRC Desc:	unknown UTM
Open Hole:				Location Method:	p9
Elevation:	194.819778			Org CS:	
Elevrc:				Date Completed:	4/15/1955
Remarks:					
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:	932265518				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932265519			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		17.00			
Formation End Depth UOM:		ft			
Formation ID:		932265520			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		17.00			
Formation End Depth:		20.00			
Formation End Depth UOM:		ft			
Formation ID:		932265521			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20.00			
Formation End Depth:		24.00			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965702525			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pipe ID:		10928988			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930628604			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930628605			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		24.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995702525			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:		12.00			
Recommended Pump Depth:					
Pumping Rate:		3.00			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933861862			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		24.00			
Water Found Depth UOM:		ft			
23	1 of 1	NW/185.8	188.9	728 Hurontario Street Collingwood ON L9Y 0G6	EHS
Postal Code:					
City:					
Address2:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address1: Provstate: Order No.: 20130621007 Addit. Info Ordered:: Report Date: 02-JUL-13 Report Type: Standard Report Search Radius (km): .25					
24	1 of 1	WNW/186.8	189.9	ON	WWIS
Well ID: 5700409 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: 1/15/1963 Selected Flag: 1 Abandonment Rec: Contractor: 5510 Form Version: 1 Owner: Street Name: County: SIMCOE Municipality: COLLINGWOOD TOWN Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10378302 DP2BR: 12 Code OB: r Code OB Desc: Bedrock Open Hole: Elevation: 189.602172 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Spatial Status: Cluster Kind: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5 Org CS: Date Completed: 6/30/1962					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932256972 Layer: 1 Color: General Color: Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932256973			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		12.00			
Formation End Depth UOM:		ft			
Formation ID:		932256974			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12.00			
Formation End Depth:		20.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965700409			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10926872			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930625954			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930625955			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From: Depth To: 20.00 Casing Diameter: 4.00 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 995700409 Pump Set At: Static Level: 6.00 Final Level After Pumping: 12.00 Recommended Pump Depth: 15.00 Pumping Rate: 3.00 Flowing Rate: Recommended Pump Rate: 3.00 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: N					
<u>Water Details</u>					
Water ID: 933859800 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 20.00 Water Found Depth UOM: ft					
25	1 of 2	NNE/191.3	189.9	Enbridge Gas Distribution Campbell Street, west of Hurontario Street Collingwood ON	SPL
Ref No: 5535-9C3V4Q Contaminant Name: NATURAL GAS (METHANE) Contaminant Code: 35 Contaminant Limit 1: Contam. Limit Freq 1: Contaminant UN No 1: Contaminant Qty: 0 other - see incident description MOE Reported Dt: 2013/10/01 Health/Env Conseq: Incident Dt: 2013/10/01 Incident Cause: Start up/Shut down Incident Event: Incident Reason: Maintenance Incident Summary: Enbridge: Controlled gas release					
Site Address: Campbell Street, west of Hurontario Street Site Conc: Site Lot: Site County/District: Site Municipality: Collingwood Site Postal Code: Sector Type: Pipeline/Components Source Type: Receiving Medium: Receiving Env: Environment Impact: Confirmed Nature of Impact: Air Pollution SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill					
25	2 of 2	NNE/191.3	189.9	Enbridge Gas Distribution Campbell Street, west of Hurontario Street Collingwood ON	SPL
Ref No: 8867-9C9U2A Contaminant Name: NATURAL GAS (METHANE) Contaminant Code: 35 Contaminant Limit 1:					
Site Address: Campbell Street, west of Hurontario Street Site Conc: Site Lot: Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Contam. Limit Freq 1: Contaminant UN No 1: Contaminant Qty: MOE Reported Dt: Health/Env Conseq: Incident Dt: Incident Cause: Incident Event: Incident Reason:	0 other - see incident description 2013/10/07 2013/10/07 Start up/Shut down Maintenance			Site Municipality: Site Postal Code: Sector Type: Source Type: Receiving Medium: Receiving Env: Environment Impact: Nature of Impact: SAC Action Class:	Collingwood Pipeline/Components Confirmed Air Pollution TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	Enbridge: Controlled gas release				

26	1 of 1	ESE/191.8	194.9	lot 40 con 8 ON	WWIS
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Well ID:	5719512	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Public	Date Received:	12/3/1984
Sec. Water Use:	0	Selected Flag:	1
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3429
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	SIMCOE
Elevation (m):		Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	040
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10397146	Spatial Status:	
DP2BR:	18	Cluster Kind:	
Code OB:	r	UTMRC:	5
Code OB Desc:	Bedrock	UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:		Location Method:	p5
Elevation:	194.799942	Org CS:	
Elevrc:		Date Completed:	10/17/1984
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932338153
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		1.00			
Formation End Depth UOM:		ft			
Formation ID:		932338154			
Layer:		2			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.00			
Formation End Depth:		4.00			
Formation End Depth UOM:		ft			
Formation ID:		932338155			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4.00			
Formation End Depth:		12.00			
Formation End Depth UOM:		ft			
Formation ID:		932338156			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12.00			
Formation End Depth:		18.00			
Formation End Depth UOM:		ft			
Formation ID:		932338157			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		18.00			
Formation End Depth:		22.00			
Formation End Depth UOM:		ft			

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Use</u>					
Method Construction ID:		965719512			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10945716			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930648554			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		19.00			
Casing Diameter:		6.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995719512			
Pump Set At:					
Static Level:		8.00			
Final Level After Pumping:					
Recommended Pump Depth:		20.00			
Pumping Rate:		19.00			
Flowing Rate:					
Recommended Pump Rate:		18.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933879277			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		19.00			
Water Found Depth UOM:		ft			
27	1 of 1	ENE/194.0	191.8	lot 40 con 8 ON	WWIS
Well ID:	5702524			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	2/3/1955
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:				Contractor:	5510
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	SIMCOE
Elevation (m):				Municipality:	NOTTAWASAGA TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	040
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10380417	Spatial Status:	
DP2BR:	32	Cluster Kind:	
Code OB:	r	UTMRC:	9
Code OB Desc:	Bedrock	UTMRC Desc:	unknown UTM
Open Hole:		Location Method:	p9
Elevation:	192.522491	Org CS:	
Elevrc:		Date Completed:	6/30/1954
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932265515
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	8.00
Formation End Depth UOM:	ft
Formation ID:	932265516
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	12
Other Materials:	STONES
Formation Top Depth:	8.00
Formation End Depth:	32.00
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation ID:		932265517			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		32.00			
Formation End Depth:		36.00			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965702524			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10928987			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930628602			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930628603			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		36.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		995702524			
Pump Set At:					
Static Level:		12.00			
Final Level After Pumping:		16.00			
Recommended Pump Depth:					
Pumping Rate:		3.00			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933861861			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36.00			
Water Found Depth UOM:		ft			

Bore Hole Information

Bore Hole ID:	10387970	Spatial Status:	
DP2BR:		Cluster Kind:	
Code OB:	o	UTMRC:	6
Code OB Desc:	Overburden	UTMRC Desc:	margin of error : 300 m - 1 km
Open Hole:		Location Method:	p6
Elevation:	194.464263	Org CS:	
Elevrc:		Date Completed:	8/3/1973
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 932297112

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		20.00			
Formation End Depth UOM:		ft			
Formation ID:		932297113			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		20.00			
Formation End Depth:		22.00			
Formation End Depth UOM:		ft			
Formation ID:		932297114			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		22.00			
Formation End Depth:		24.00			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965710152			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10936540			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930637555			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth To: 24.00 Casing Diameter: 5.00 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 995710152 Pump Set At: Static Level: 10.00 Final Level After Pumping: 20.00 Recommended Pump Depth: 21.00 Pumping Rate: 3.00 Flowing Rate: Recommended Pump Rate: 3.00 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: N					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934302985 Test Type: Recovery Test Duration: 15 Test Level: 10.00 Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933869999 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 22.00 Water Found Depth UOM: ft					
29	1 of 7	NW/204.8	189.2	Enbridge Gas Distribution Inc. 49-51 Campbell St Collingwood ON	CA
Certificate #: 8226-7TPP6M Application Year: 2010 Issue Date: 2/21/2010 Approval Type: Air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
29	2 of 7	NW/204.8	189.2	Enbridge Gas Distribution Inc. 49-51 Campbell St	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Collingwood ON M2J 1P8					
Project Type:	Air				
Approval No:	8226-7TPP6M				
Date:	2010-02-21				
Status:	Approved				
Longitude:	-80.21747999999995				
Latitude:	44.48515299999997				
Record Type:	ECA				
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/4930-7MDRJ9-14.pdf				
Full Address:					
29	3 of 7	NW/204.8	189.2	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	GEN
Generator No.:	ON8752025		PO Box No.:		
Status:	Registered		Country:	Canada	
Approval Years:	As of Jun 2017		Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No. Admin:		
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	146 L				
Waste Description:	Other specified inorganic sludges, slurries or solids				
29	4 of 7	NW/204.8	189.2	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	GEN
Generator No.:	ON8752025		PO Box No.:		
Status:			Country:	Canada	
Approval Years:	2014		Choice of Contact:	CO_OFFICIAL	
Contam. Facility:	No		Co Admin:		
MHSW Facility:	No		Phone No. Admin:		
SIC Code:	221210				
SIC Description:	NATURAL GAS DISTRIBUTION				
--Details--					
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
29	5 of 7	NW/204.8	189.2	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON	GEN
Generator No.:	ON8752025		PO Box No.:		
Status:			Country:		
Approval Years:	2013		Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No. Admin:		
SIC Code:	221210				
SIC Description:	NATURAL GAS DISTRIBUTION				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
29	6 of 7	NW/204.8	189.2	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	GEN
Generator No.:	ON8752025			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:	221210				
SIC Description:		NATURAL GAS DISTRIBUTION			
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
29	7 of 7	NW/204.8	189.2	ENBRIDGE GAS DISTRIBUTION INC. 51 CAMPBELL ST. COLLINGWOOD ON L9Y 2S8	GEN
Generator No.:	ON8752025			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No. Admin:	
SIC Code:	221210				
SIC Description:		NATURAL GAS DISTRIBUTION			
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
30	1 of 1	N/229.6	189.9	ON	WWIS
Well ID:	5700438			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/27/1967
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4716
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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:				County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	SIMCOE COLLINGWOOD TOWN
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Code OB: Code OB Desc: Open Hole: Elevation: Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10378331 0 Overburden 189.542434			Spatial Status: Cluster Kind: UTMRC: UTMRC Desc: Location Method: Org CS: Date Completed:	5 margin of error : 100 m - 300 m p5 11/10/1967
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932257056 1 02 TOPSOIL 0.00 1.00 ft				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932257057 2 05 CLAY 1.00 8.00 ft				
Formation ID: Layer: Color: General Color:	932257058 3 3				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		8.00			
Formation End Depth:		23.00			
Formation End Depth UOM:		ft			
Formation ID:		932257059			
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		23.00			
Formation End Depth:		27.00			
Formation End Depth UOM:		ft			
Formation ID:		932257060			
Layer:		5			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		27.00			
Formation End Depth:		28.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965700438			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10926901			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930626013			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		995700438			
Pump Set At:					
Static Level:		12.00			
Final Level After Pumping:		18.00			
Recommended Pump Depth:		24.00			
Pumping Rate:		5.00			
Flowing Rate:					
Recommended Pump Rate:		5.00			
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:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933859827			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		26.00			
Water Found Depth UOM:		ft			
31	1 of 2	SE/230.8	194.9	DIANE'S GARDEN BOX 2004, R. R. #2 COLLINGWOOD ON L9Y 3Z2	PES
Detail Licence No.:		23-01-10636-0			
Licence Type:		Limited Vendor			
31	2 of 2	SE/230.8	194.9	DIANE'S GARDEN RR 2 COLLINGWOOD	PES
				BOX 2004 ON L9Y3Z1	
Detail Licence No.:					
Licence Type:		Limited Vendor			
32	1 of 1	SE/241.9	194.9	DIANE'S GARDEN R R 2, 833 HURONTARIO ST. COLLINGWOOD	PES
				ON L9Y3Z1	
Detail Licence No.:					
Licence Type:					

Unplottable Summary

Total: **9** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	RALPH FERRACUTI & SONS BUILDERS LTD.	ST."A" CAMPBELL ST. FERRACUTI	COLLINGWOOD TOWN ON	
CA	R.M. OF HALDIMAND-NORFOLK	DAVIS STREET CAMPBELL SUBD.	SIMCOE TOWN ON	
CA	RALPH FERRACUTI & SONS BUILDERS LTD.	ST."A" CAMPBELL ST.	COLLINGWOOD TOWN ON	
CA	LANDSFOUND DEV. LTD APPLEVALE PROPERTIES	CAMPBELL STREET	COLLINGWOOD TOWN ON	
CA	TWP.	CAMPBELL ST.	COLLINGWOOD TWP. ON	
CA	R.M. OF HALDIMAND-NORFOLK	CAMPBELL AVE. CAMPBELL SUBD.	SIMCOE TOWN ON	
CA	The Corporation of the Town of Collingwood	Lot 40, Concessions 8 and 9, and road allowance between Concessions 8 and 9, in	Collingwood ON	
PES	NORFOLK COOPERATIVE CO LTD (C#87135) SIMCOE WAREHOUSE	SIMCOE WAREHOUSE/STANLEY STREET	SIMCOE ON	N3Y 4L3
SPL	The Corporation of the Town of Collingwood	COLLINGWOOD SHIPYARD - EXTENSION OF MAPLE ST., @ MAPLE ST. AND FIRST ST.<UNOFFICIAL>	Collingwood ON	

Unplottable Report

Site: RALPH FERRACUTI & SONS BUILDERS LTD.
ST."A" CAMPBELL ST. FERRACUTI COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 3-1454-86-
Application Year: 86
Issue Date: 12/12/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF HALDIMAND-NORFOLK
DAVIS STREET CAMPBELL SUBD. SIMCOE TOWN ON

Database:
CA

Certificate #: 3-1240-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: RALPH FERRACUTI & SONS BUILDERS LTD.
ST."A" CAMPBELL ST. COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 7-1157-86-
Application Year: 86
Issue Date: 12/12/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: LANDSFOUND DEV. LTD APPLEVALE PROPERTIES
CAMPBELL STREET COLLINGWOOD TOWN ON

Database:
CA

Certificate #: 3-0997-88-

Application Year: 88
Issue Date: 8/25/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: TWP.
CAMPBELL ST. COLLINGWOOD TWP. ON

Database:
CA

Certificate #: 7-0943-85-006
Application Year: 85
Issue Date: 11/8/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF HALDIMAND-NORFOLK
CAMPBELL AVE. CAMPBELL SUBD. SIMCOE TOWN ON

Database:
CA

Certificate #: 7-0985-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal water
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 Collingwood
Lot 40, Concessions 8 and 9, and road allowance between Concessions 8 and 9, in Collingwood ON

Database:
CA

Certificate #: 7569-6RKJUY
Application Year: 2006
Issue Date: 7/17/2006
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: NORFOLK COOPERATIVE CO LTD (C#87135) SIMCOE WAREHOUSE
SIMCOE WAREHOUSE/STANLEY STREET SIMCOE ON N3Y 4L3

Database:
[PES](#)

Detail Licence No.:

Licence Type: Vendor

Site: The Corporation of the Town of Collingwood
COLLINGWOOD SHIPYARD - EXTENSION OF MAPLE ST., @ MAPLE ST. AND FIRST ST.<UNOFFICIAL>
Collingwood ON

Database:
[SPL](#)

Ref No: 6235-63XKCS
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Code: 44
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 4540 L
MOE Reported Dt: 8/17/2004
Health/Env Conseq:
Incident Dt: 8/17/2004
Incident Cause: Pipe Or Hose Leak
Incident Event:
Incident Reason: Equipment Failure
Incident Summary: Collingwood yard,4,540 L sewage into excavation

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Collingwood
Site Postal Code:
Sector Type: Sewer
Source Type:
Receiving Medium: Land
Receiving Env:
Environment Impact: Possible
Nature of Impact: Soil Contamination
SAC Action Class: Spill to Land

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 2016

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-May 2017

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-May 2017

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 31, 2012

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-Jul 2017

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 2017

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Aug 2015

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-Jul 2017

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 2017

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-Jul 2017

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-Aug 2016

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Mar 2017

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-Apr 2015

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jun 2017

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents:

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2017

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, 2014

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-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008 -Jun 2017

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

NPRI

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

Government Publication Date: 1993-2014**Oil and Gas Wells:**

Private

OGW

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

Government Publication Date: 1988-May 2017**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-Oct 2016**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 2017**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**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents:

Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

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 2017

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-Aug 2017

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-May 2017

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2017

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: 1990-2014

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Jul 31, 2017

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Mar 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

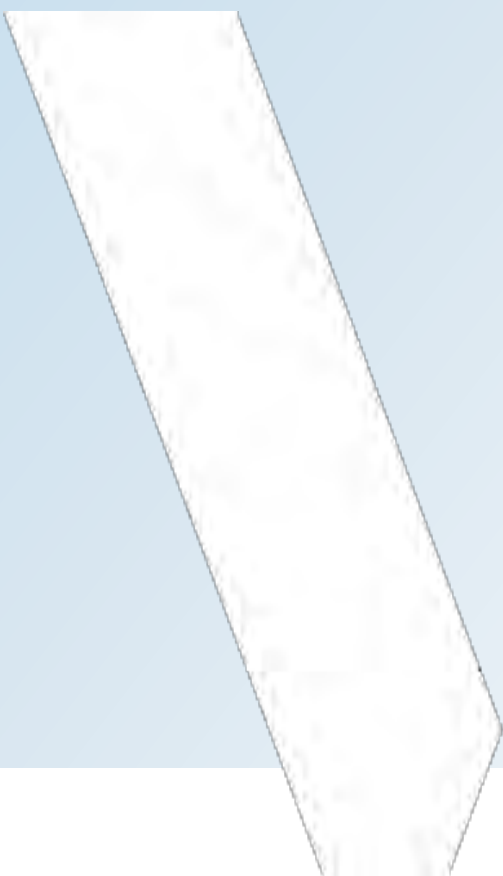
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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

APPENDIX

D REGULATORY INQUIRIES



Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Nicole Collins WSP Canada Inc. 14 Ronell Cres, Unit 1 Collingwood, ON L9Y 4J7 Email Address: Nicole.collins@wspgroup.com			FOI Request No.	Date Request Received
			Fee Paid \$ ~ ACCT ~ CHQ ~ VISA/MC ~ CASH	
Telephone/Fax Nos. Tel 705-445-0064 Fax 705-445-0067	Your Project/Reference No. 17M-01364-00	Signature of Requester 	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 33 Findlay Drive, Collingwood, Ontario/ Part of Lot 41, Concession 9, Town of Collingwood, County of Simcoe				
Present Property Owner(s) and Date(s) of Ownership Bruce McInnis and Gail Gillespie since 1999				
Previous Property Owner(s) and Date(s) of Ownership Ray Powell, Jim McInnis				
Present/Previous Tenant(s), (if applicable) Residential				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)				all years
Orders				all years
Spills				all years
Investigations/prosecutions ▶ Owner and tenant information must be provided				all years
Waste Generator number/classes				all years
Certificates of Approval ▶ Proponent information must be provided 1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
				SD Specify Year(s) Requested
air - emissions				x all years
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				x all years
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				x all years
waste water - industrial discharge				x all years
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				x all years
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction				x all years
pesticides - licenses				x all years

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

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Name, Title, Company Name and Mailing Address of Requester Nicole Collins WSP Canada Inc. 14 Ronell Cres, Unit 1 Collingwood, ON L9Y 4J7 Email Address: Nicole.collins@wspgroup.com			FOI Request No.	Date Request Received
			Fee Paid \$ ~ ACCT ~ CHQ ~ VISA/MC ~ CASH	
Telephone/Fax Nos. Tel 705-445-0064 Fax 705-445-0067	Your Project/Reference No. 17M-01364-00	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 750 Hurontario Street, Collingwood, Ontario/ Part of Lot 41, Concession 9, Town of Collingwood, County of Simcoe				
Present Property Owner(s) and Date(s) of Ownership Dorothy Rhea Dennis since 1981				
Previous Property Owner(s) and Date(s) of Ownership Dennis and Robin Maurice				
Present/Previous Tenant(s), (if applicable) Residential				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)				all years
Orders				all years
Spills				all years
Investigations/prosecutions ▶ Owner and tenant information must be provided				all years
Waste Generator number/classes				all years
Certificates of Approval ▶ Proponent information must be provided 1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
				SD Specify Year(s) Requested
air - emissions				x all years
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				x all years
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				x all years
waste water - industrial discharge				x all years
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				x all years
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction				x all years
pesticides - licenses				x all years

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			Fee Paid \$ ~ ACCT ~ CHQ ~ VISA/MC ~ CASH	
Telephone/Fax Nos. Tel 705-445-0064 Fax 705-445-0067	Your Project/Reference No. 17M-01364-00	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	
Request Parameters Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) <i>774 Hurontario Street, Collingwood, Ontario/ Part of Lot 41, Concession 9, Town of Collingwood, County of Simcoe</i> Present Property Owner(s) and Date(s) of Ownership <i>Lorne and Susan Kenney since 1999</i> Previous Property Owner(s) and Date(s) of Ownership <i>John Kenney, Lorne Kenney, Leone Kenney, Ethyl Kenney</i> Present/Previous Tenant(s), (if applicable) <i>Residential Lorne and Susan Kenney since 1999</i>				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.			Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)			all years	
Orders			all years	
Spills			all years	
Investigations/prosecutions ▶ Owner and tenant information must be provided			all years	
Waste Generator number/classes			all years	
Certificates of Approval ▶ Proponent information must be provided 1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions			x	all years
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)			x	all years
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations			x	all years
waste water - industrial discharge			x	all years
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			x	all years
waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction		x	all years
pesticides - licenses			x	all years

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Collins, Nicole

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Tuesday, January 09, 2018 8:07 AM
To: Collins, Nicole
Subject: RE: TSSA Inquiry - Two Properties in Collingwood, Ontario

Hi Nicole,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a great day,

Roxana



Roxana Mashtaler | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3472 | Fax: +1-416-231-6183 | E-Mail: rmashtaler@tssa.org
www.tssa.org



From: Collins, Nicole [mailto:Nicole.Collins@wsp.com]
Sent: December 20, 2017 11:24 AM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: TSSA Inquiry - Two Properties in Collingwood, Ontario

Hello,

I am inquiring for any TSSA records noting the following properties:

750 Hurontario Street, Collingwood, Ontario
33 Findlay Drive, Collingwood, Ontario

Please let me know.

Thank you!

Nicole Collins
Environmental Technician



T+ 1 705-445-0064
F+ 1 705-445-0067
M+ 1 705-888-5629

14 Ronell Crescent, Suite 1
Collingwood, Ontario
L9Y 4J7 Canada

wsp.com

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Collins, Nicole

From: Ruchi Chohan <rchohan@tssa.org> on behalf of Public Information Services <publicinformationsservices@tssa.org>
Sent: Wednesday, July 12, 2017 12:33 PM
To: Collins, Nicole
Subject: RE: TSSA Inquiry - 774 Hurontario Street, Collingwood

Hello Nicole,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a great day!

Ruchi

From: Collins, Nicole [mailto:Nicole.Collins@wsp.com]
Sent: Monday, July 10, 2017 10:13 AM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: TSSA Inquiry - 774 Hurontario Street, Collingwood

Hello,

I am inquiring for any TSSA records noting the following property:

774 Hurontario Street, Collingwood, Ontario

Please let me know.

Thank you!

Nicole Collins
Environmental Technician



T+ 1 705-445-0064

F+ 1 705-445-0067

M+ 1 705-888-5629

14 Ronell Crescent #1
Collingwood, Ontario
L9Y 4J7 Canada

wsp.com

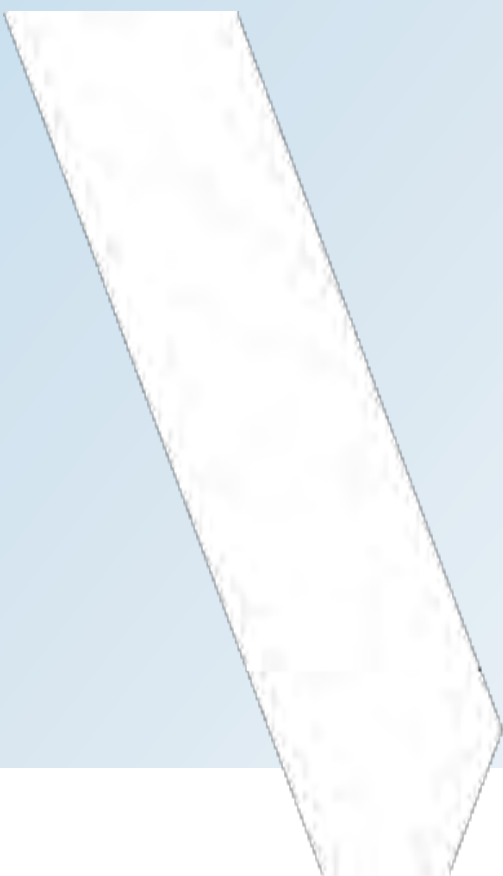
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APPENDIX

E AERIAL PHOTOGRAPHS





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14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

1880 Simcoe County Atlas

Scale:
1:24,100

Date:
February 2018

Project:
17M-01364-00

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**33 FINDLAY DRIVE, 750 & 774
HURONTARIO STREET,
COLLINGWOOD, ONTARIO**

Prepared For: Straw Hat Restoration

Prepared By:
NC

Reviewed By:
JD

Drawing No.
E-1



© National Archives



14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

AERIAL PHOTOGRAPH: 1938

Scale:
1:9,300

Date:
February 2018

Project:
17M-01364-00

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**33 FINDLAY DRIVE, 750 & 774
HURONTARIO STREET,
COLLINGWOOD, ONTARIO**

Prepared For: Straw Hat Restoration

Prepared By:
NC

Reviewed By:
JD

Drawing No.
E-2



© National Archives



14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

AERIAL PHOTOGRAPH: 1969

Scale: 1:8,100	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 33 FINDLAY DRIVE, 750 & 774 HURONTARIO STREET, COLLINGWOOD, ONTARIO	Prepared By: NC
Date: February 2018		Reviewed By: JD
Project: 17M-01364-00	Prepared For: Straw Hat Restoration	Drawing No. E-3



© National Archives



14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

AERIAL PHOTOGRAPH: 1989

Scale: 1:6,400	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 33 FINDLAY DRIVE, 750 & 774 HURONTARIO STREET, COLLINGWOOD, ONTARIO	Prepared By: NC
Date: February 2018		Reviewed By: JD
Project: 17M-01364-00	Prepared For: Straw Hat Restoration	Drawing No. E-4



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14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

AERIAL PHOTOGRAPH: 2002

Scale:
1:5,900

Date:
February 2018

Project:
17M-01364-00

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**33 FINDLAY DRIVE, 750 & 774
HURONTARIO STREET,
COLLINGWOOD, ONTARIO**

Prepared For: Straw Hat Restoration

Prepared By:
NC

Reviewed By:
JD

Drawing No.
E-5



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14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7

T: 705-445-0064 F: 705-445-0067

AERIAL PHOTOGRAPH: 2016

Scale:
1:6,000

Date:
February 2018

Project:
17M-01364-00

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**33 FINDLAY DRIVE, 750 & 774
HURONTARIO STREET,
COLLINGWOOD, ONTARIO**

Prepared For: Straw Hat Restoration

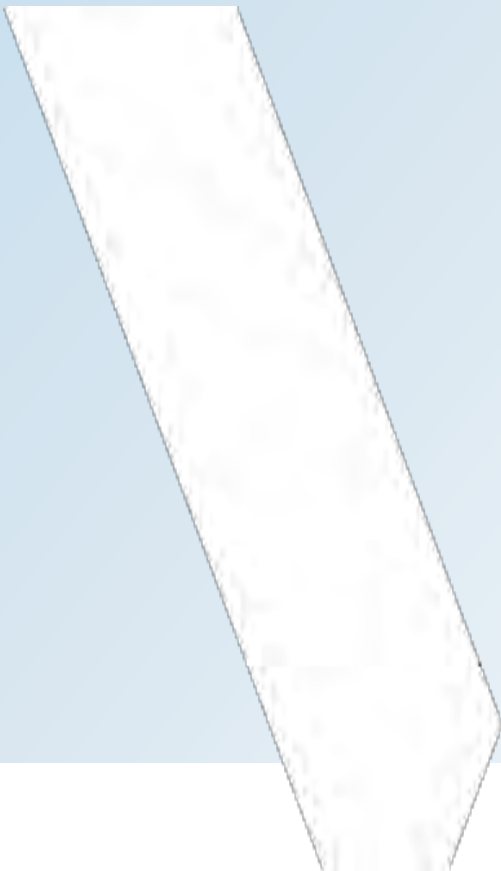
Prepared By:
NC

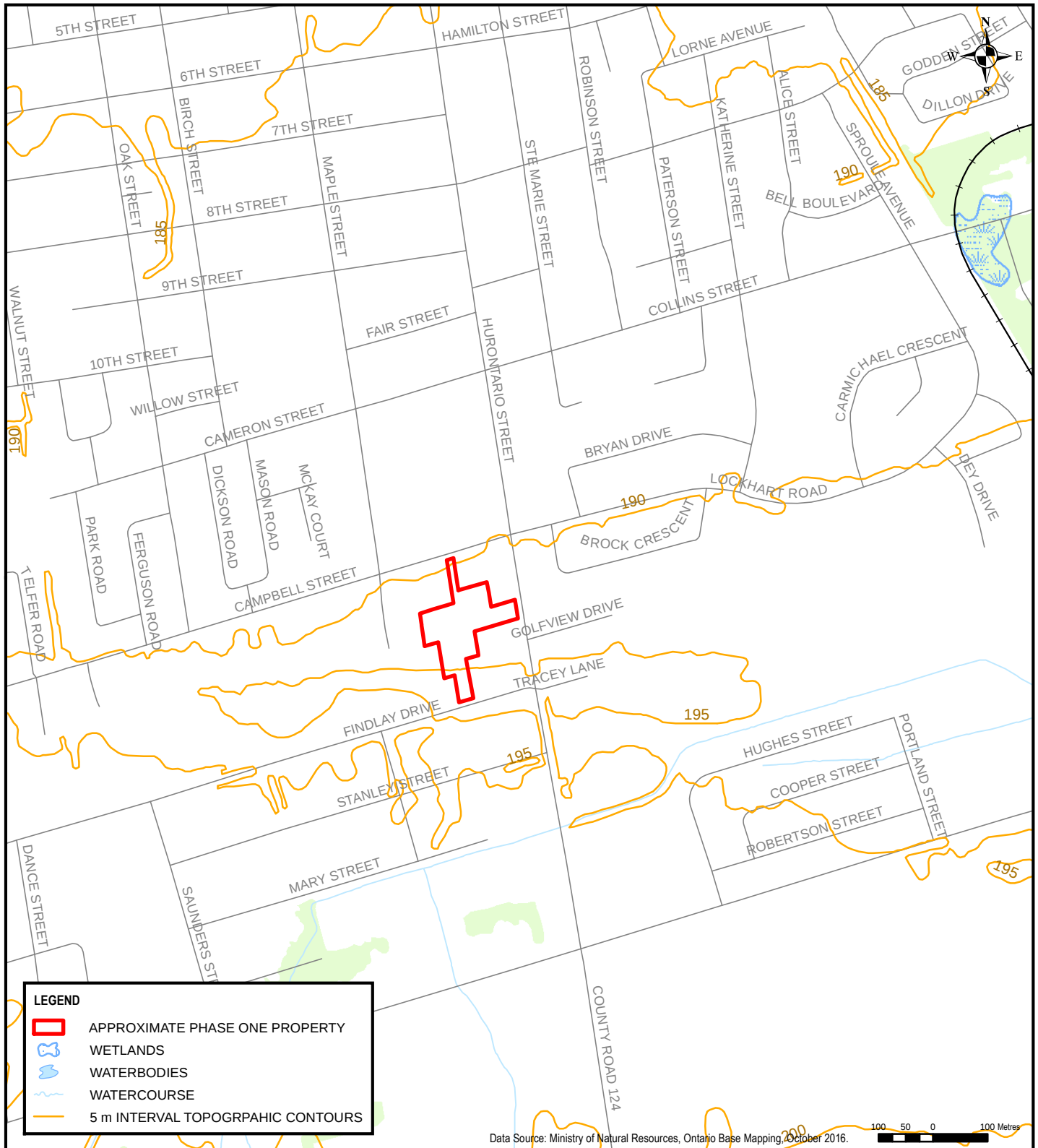
Reviewed By:
JD

Drawing No.
E-6

APPENDIX

F TOPOGRAPHIC MAP





LEGEND

- APPROXIMATE PHASE ONE PROPERTY
- WETLANDS
- WATERBODIES
- WATERCOURSE
- 5 m INTERVAL TOPOGRAPHIC CONTOURS

Data Source: Ministry of Natural Resources, Ontario Base Mapping, October 2016.



126 DON HILLOCK DRIVE, UNIT 2
AURORA, ONTARIO CANADA L4G 0G9
TEL.: 905-750-3080 | FAX: 905-727-0463 | WWW.WSP.COM

PROJECT: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
38 FINDLAY DRIVE,
750 & 774 HURONTARIO STREET
TOWN OF COLLINGWOOD, ONTARIO

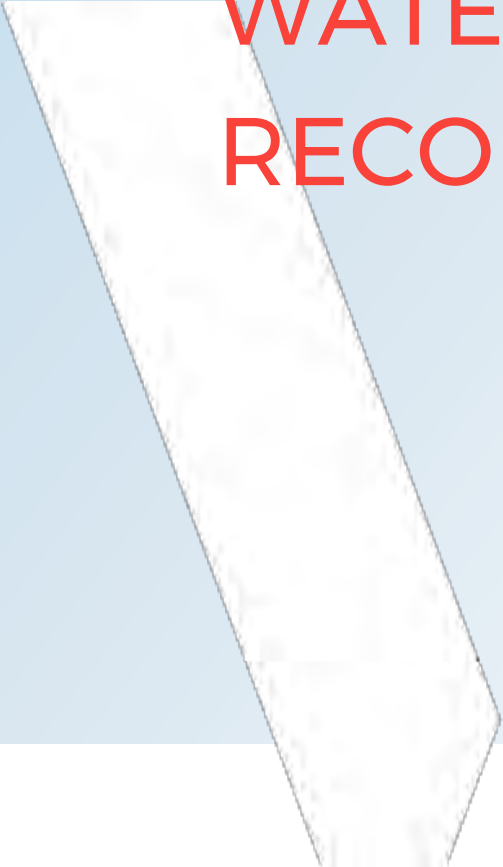
TITLE: **TOPOGRAPHIC MAP**

CLIENT: **STRAW HAT RESTORATION**

SCALE: 1:10,000	
DRAWN BY: TP	CHECKED BY: VT
PROJECT NO: 17M-01364-00	
DATE: FEBRUARY 2018	
FIGURE NO: E	REV.: -

APPENDIX

G SUMMARY OF MOECC WATER WELL RECORDS





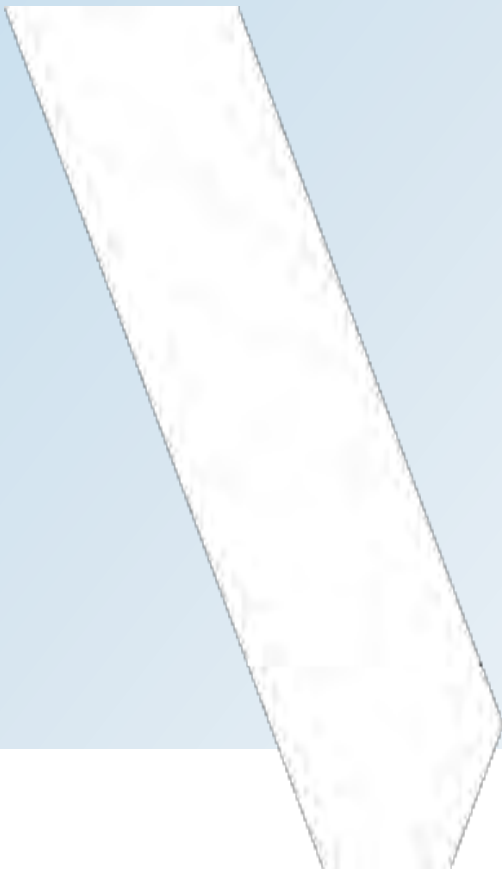
Well ID	Depth (m)	Date Drilled	Water Level (m)	Well Use	Material Color	Material A	Material B	Material C	Depth (m)
5702554	9.1	04/12/1965	-	Abandoned	-	Topsoil	-	-	0-0.3
					Brown	Clay	Stones	-	0.3-2.1
					Blue	Clay	-	-	2.1-4.3
					Blue	Clay	Sand	-	4.3-7.0
					-	Gravel	Boulders	-	7.0-9.1
5702555	14.0	04/19/1965	2.7	Domestic	-	Topsoil	-	-	0-0.3
					Brown	Clay	Stones	-	0.3-2.1
					Blue	Clay	-	-	2.1-4.3
					Blue	Clay	Sand	-	4.3-7.0
					-	Gravel	Boulders	-	7.0-9.1
					-	Stones	Shale	-	9.1-10.4
5702556	11.9	06/09/1965	4.3	Domestic	-	Bedrock	-	-	10.4-14.0
					-	Sand	-	-	0-1.8
					Blue	Clay	Stones	-	1.8-5.2
					-	Clay	Stones	-	5.2-8.5
					-	Shale	-	-	8.5-9.1
					Dark	Bedrock	-	-	9.1-11.9
5702550	16.8	09/03/1957	3.1	Domestic	-	Clay	Stones	-	0-10.1
					-	Limestone	-	-	10.1-16.8
					Brown	Clay	-	-	0-1.8
5706425	8.2	05/28/1969	2.1	Domestic	Blue	Clay	-	-	1.8-5.2
					-	Hardpan	Clay	-	5.2-7.3
					-	Sand	-	-	7.3-7.6
					-	Sand	Gravel	-	7.6-8.2
					Brown	Sand	Stones	-	0-0.6
5708393	8.8	10/22/1971	6.1	Domestic – Water Supply	Grey	Clay	Stones	-	0.6-3.4
					Grey	Clay	-	-	3.4-5.2
					Grey	Clay	Stones	-	5.2-6.7
					Brown	Sand	-	-	6.7-7.9
					Brown	Gravel	Sand	-	7.9-8.8
5702524	11.0	06/30/1954	3.7	Domestic	-	Dug by Hand	-	-	0-2.4
					-	Clay	Sand	Stones	2.4-9.8
					Brown	Lime Rock	-	-	9.8-11.0
5700438	8.5	11/10/1967	3.7	Domestic	-	Topsoil	-	-	0-0.3
					-	Clay	-	-	0.3-2.4
					-	Clay	Sand	-	2.4-7.0
					-	Sand	-	-	7.0-8.2
					-	Sand	Gravel	-	8.2-8.5
5700409	6.1	06/30/1962	1.6	Domestic	-	Topsoil	-	-	0-0.3
					Brown	Clay	Stones	-	0.3-3.7
					Dark	Limestone	-	-	3.7-6.1
5703050	25.9	01/28/1965	15.2	Domestic	-	Previously Drilled	-	-	0-9.1
					-	Clay	Sand	-	9.1-11.6
					-	Clay	-	-	11.6-25.6
					-	Sand	-	-	25.6-25.9
5736366	36.6	09/28/2001	-	Domestic – Water Supply	Black	Topsoil	-	-	0-0.3
					Brown	Sand	Clay	-	0.3-2.4
					Grey	Clay	Stones	-	2.4-6.4
					Grey	Shale	-	-	6.4-7.6
					Grey	Limestone	-	-	7.6-36.6
5702551	16.8	08/19/1958	4.0	Domestic	-	Clay	Sand	-	0-8.8
					-	Stone	-	-	8.8-9.4
					-	Limestone	-	-	9.4-16.8
5710152	7.3	08/03/1973	3.1	Domestic – Water Supply	-	Previously Drilled	-	-	0-6.1
					Grey	Sand	Silt	Gravel	6.1-6.7
					Brown	Gravel	-	-	6.7-7.3
5727060	5.5	06/14/1990	2.4	Washing Equipment	Brown	Fill	-	-	0-1.2
					Brown	Sand	-	-	1.2-1.8
					Grey	Silt	-	-	1.8-5.2
					Grey	Gravel	-	-	5.2-5.5
5727059	5.5	06/14/1990	2.4	Washing Equipment	Brown	Fill	-	-	0-1.8
					Brown	Sand	-	-	1.8-2.4

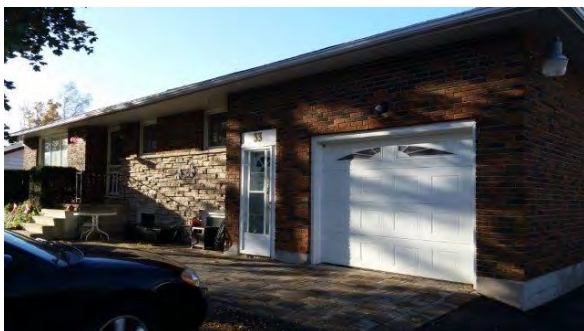


					Grey	Silt	-	-	2.4-4.9
					Grey	Sand	-	-	4.9-5.5
					Black	Topsoil	-	-	0-0.3
					-	Fill	-	-	0.3-1.2
					Grey	Clay	-	-	1.2-3.7
					Brown	Clay	-	-	3.7-5.5
					Grey	Shale	-	-	5.5-6.7
					Black	Soil	-	-	0-0.3
					Yellow	Clay	-	-	0.3-5.2
					Blue	Clay	-	-	5.2-6.1
					White	Limestone	-	-	6.1-7.3
					-	Topsoil	-	-	0-0.6
					-	Shale	-	-	0.6-3.7
					-	Limestone	Shale	-	3.7-9.8
5719512	6.7	10/17/1984	2.4	Public – Water Supply					
5702525	7.3	04/15/1955	2.4	Domestic					
5702547	9.8	06/10/1953	2.4	Domestic					

APPENDIX

H SITE PHOTOGRAPHS





1. View of house on 33 Findlay Drive in Collingwood facing north.



2. View of east side of house on 33 Findlay Drive facing north.



3. View of back of house on 33 Findlay Drive, facing west.



4. View of backyard of 33 Findlay Drive, facing north.



5. View of backyard of 33 Findlay Drive, facing north.



6. View of monitoring well installed during Geotechnical Investigation.



7. View of tennis court in backyard of 750 Hurontario Street, facing north.



8. View of tennis court in backyard of 750 Hurontario Street, facing west.



9. View of house on 774 Hurontario Street in Collingwood facing south.



10. View of house on 774 Hurontario Street facing west.



11. View of outdoor storage shed in backyard of 774 Hurontario Street, facing south.



12. View of orchard in backyard of 774 Hurontario Street, facing east.



13. View of orchard in backyard of 774 Hurontario Street, facing west.



14. View of monitoring well installed during Geotechnical Investigation.



15. View of monitoring well installed during Geotechnical Investigation.



16. View of monitoring well installed during Geotechnical Investigation.



17. View of road allowance located on the north side of the Phase One Property.



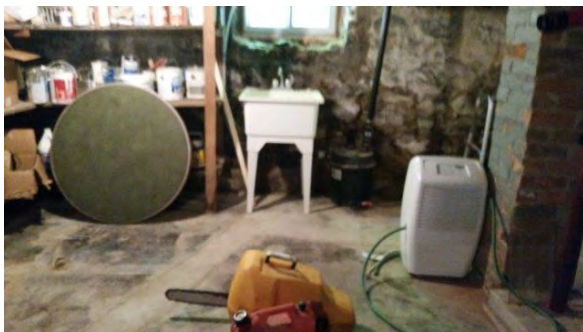
18. View of road allowance of the Phase One Property from Cameron Street.



19. View of furnace in basement of the house on 774 Hurontario Street.



20. View of basement of the house on 774 Hurontario Street.



21. View of paint storage in the basement of the house on 774 Hurontario Street.



22. View of sump pump in the basement of the house on 774 Hurontario Street.



23. View of basement of the house on 774 Hurontario Street.



24. View of renovation products in the basement of the house on 774 Hurontario Street.



25. View of second sump pump located in the basement of the addition to the house on 774 Hurontario Street.



26. View of high school to the north and the location of an underground heating fuel oil tank.



27. View of the historical gas station property which contained multiple underground storage tanks in the north portion of the Phase One Study Area.



28. View of historical autobody shop in the north portion of the Phase One Study Area.