PHASE ONE ENVIRONMENTAL ASSESSMENT

636040 PRINCE OF WALES ROAD WEST, PRIMROSE, ONTARIO

DELTINI COMMERCIAL DEVELOPMENTS/ 1461125 ONTARIO LIMITED

PROJECT NO.: 181-01582-00
DATE: FEBRUARY 2018

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February 20, 2018

Marika Zigon
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Dear Madam:

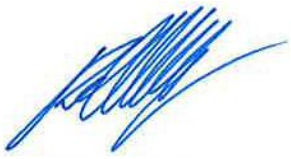
Subject: Phase One Environmental Site Assessment
636040 Prince of Wales Rd W, Primrose
Township of Mulmur, Ontario
Project No.: 181-01582-00

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*. This Phase One Environmental Site Assessment does not include sampling or testing, and is based solely on visual observations and a review of available or supplied factual data.

The report provides information collected during a site reconnaissance, site records reviews and interviews. We analyzed 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,



Rodney Obdeyn, P.Eng.
Principal Engineer, Environment

WSP ref.: 181-01582-00

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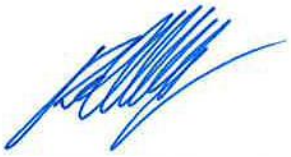

Rodney Obdeyn, P.Eng.
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ACRONYMS AND ABBREVIATIONS

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. Ray Duhamel of The Jones Consulting Group Ltd. on behalf of Deltini Commercial Developments/1461125 Ontario Limited c/o Ms. Marika Zigon to conduct a Phase One Environmental Site Assessment (ESA) for the property listed as 636040 Prince of Wales Road West in Primrose within the Township of Mulmur, Ontario (hereafter referred to as the "Phase One Property" or "Site"). The Phase One Property is currently owned by Taymeg Property & Development Incorporated. It is our understanding that this Phase One ESA was commissioned to identify the presence or absence of Potentially-Contaminating Activities on the Phase One Property or within the Phase One Study Area (defined as the area within 250 m of the Site boundaries) to support a potential property transaction.

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 industry practices as per 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, (ii) identify areas of potential environmental concern (APECs) and potential contaminants of concern (PCOCs) from the PCAs, and (iii) based on this information assess the requirements for additional investigation in the form of a Phase Two ESA. This Phase One ESA does not include sampling or testing, and is based solely on visual observations and a review of available or supplied factual data.

The irregular-shaped Site is located on the west side of Prince of Wales Road West and north of Highway 89 in a mixed use area in the Town of Primrose, Township of Mulmur, Ontario. The Phase One Property is currently agricultural with a total area of approximately 35.3 ha (94.6 acres).

Information collected during this Phase One ESA are summarized below:

- The Phase One Property slopes in a northwesterly direction. The majority of the Phase One Property has an elevation of approximately 455 - 465 masl while the northwest corner slopes down to an elevation of approximately 445 masl. The topography in the vicinity of the Phase One Property also slopes to the north to northwest. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the northwest towards Boyne River.
- The Phase One Property is situated within a spillways physiographic region. The surficial geology of the majority of the Phase One Property is described as "glaciofluvial deposits including river deposits and delta facies". The northeast portion of the Phase One Property is described as "ice-contact stratified deposits consisting of sand and gravel and minor silt, clay and till" and a small portion of the southwest corner is described as "organic deposits consisting of peat, muck and marl". The underlying bedrock within the area generally consists of sandstone, shale, dolostone, and siltstone of the Armabel Formation. According to the MOECC Water Well Records, the bedrock depth within the Phase One Study Area ranges from approximately 3.0 to 15.2 mbgs. The closest well records to the Phase One Property range between 3.0 and 7.3 mbgs.
- The first developed land use was determined through review of the 1880 Dufferin County Atlas and the 1938 aerial photograph. The 1880 Dufferin County Atlas appears to have Highway 89 and Prince of Wales Road West developed at this time. The east side of Prince of Wales Road West was noted to contain some development with a mill, a hotel and a post office. It is possible that the Phase One Property was developed as agricultural at this time although there are no descriptions on the atlas. The 1938 aerial photograph shows the Phase One Property as being utilized as agricultural land with a residential dwelling and four other structures presumably for agricultural use. The Phase One Property may have been a part of a larger agricultural lot including the adjoining properties to the north and some of the adjoining properties to the south.
- A branch of the Boyne River flows through the southwest and northwest corners of the Phase One Property. The Boyne River flows in a northeasterly direction into the Nottawasaga River which flows in a northwesterly direction into Georgian Bay. Boyne Valley Provincial Park is located immediately north of the Phase One Property. According to the MNRF Natural Heritage Map, two threatened species, the bobolink and eastern meadowlark, have been observed on the Phase One Property or within the Phase One Study Area and therefore the Phase One Property may be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended.

— One hydrogeological report was provided to WSP for review as part of this investigation: "*Preliminary Hydrogeological and Servicing Concepts Study – Primrose, Ontario (Township of Mulmur), Prepared for: Township of Mulmur, Prepared by: Azimuth Environmental Consulting, Inc. dated February 2008 (revised March 2009).* This report details a preliminary hydrogeological review and servicing concepts assessment for the Phase One Property along with properties to the west and south. Azimuth conducted a total of eight test pits to a maximum depth of 1.0 mbg, including four test pits on the Phase One Property to conduct percolation tests. The soils consisted of brown clayey silt with trace gravel, brown sandy silt with trace gravel and brown clay with some silt, trace sand and gravel. No monitoring wells were installed as part of this investigation.

Based on the information obtained as part of the Phase One ESA, it is concluded that four PCAs were identified on the Phase One Property and/or within the Phase One Study Area. Three (3) PCAs were deemed to contribute to an APEC in, on, or under the Phase One Property. 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 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 Above ground storage tank area	Central 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 Gas Station on South adjoining property	South portion of the Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	Off-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-3 Fill used in construction of historical structures	Central portion of Phase One Property	PCA No. 30 Imported Fill Material of Unknown Quality	On-site	Metals and ORPs PAHs PHCs VOCs	Soil & Groundwater
APEC-4 Pesticides Application Area	Throughout 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
APEC-5 Potential Landfilling Area	West and South of the historical structures	PCA No. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-site	Metals and ORPs, OC Pesticides, PAHs PHCs VOCs PCBs	Soil & Groundwater

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 and ORPs, PHCs including BTEX, VOCs, PAHs, OC Pesticides and PCBs.

Based on the findings of the Phase One ESA, there is uncertainty with regards to the environmental condition of the Site which warrants further assessment. As such, a Phase Two ESA is recommended in order to investigate the identified APECs to assess the soil and groundwater conditions at the Phase One Property.

2 INTRODUCTION

WSP was retained by Mr. Ray Duhamel of The Jones Consulting Group Ltd. on behalf of Deltini Commercial Developments/1461125 Ontario Limited c/o Ms. Marika Zigon to conduct a Phase One Environmental Site Assessment (ESA) of 636040 Prince of Wales Road West in the Township of Mulmur, Ontario. The Phase One Property is currently owned by Taymeg Property & Development Incorporated. It is our understanding that this Phase One ESA was commissioned to identify the presence or absence of Potentially Contaminating Activities (PCA)s on the Phase One Property or within the Phase One Study Area (defined as the area within 250 m of the Site boundaries) for a potential property transaction.

The Phase One Property is located on the west side of Prince of Wales Road West and north of Highway 89 in a mixed use area in the Town of Primrose, Township of Mulmur, Ontario. A site location map is provided as Drawing 1. The Phase One Property is currently agricultural with a total area of approximately 35.3 ha (94.6 acres).

2.1 PHASE ONE PROPERTY INFORMATION

Property information for the Phase One Property is provided in Table 2.1.

Table 2.1 Phase I Property Information

CRITERION	PHASE ONE PROPERTY INFORMATION
Current Site Owner	Taymeg Property & Development Incorporated
Phase One Representative	Mr. Ray Duhamel The Jones Consulting Group Ltd. 229 Mapleview Drive East Barrie, Ontario L4N 0W5
Municipal Address	636040 Prince of Wales Road West, Primrose, Township of Mulmur, Ontario
Property Identification Numbers	34128-0050 (LT)
Legal Description	Part of the East Half of Lot 1 and, Part of the East Half of Lot 2, Concession 2, West of Hurontario Street, Township of Mulmur, County of Dufferin

A Legal Survey, dated December 17, 2007, prepared by P.J. Williams, Ontario Land Surveyor, was provided for the Phase One Property. The Legal Survey is included as Appendix A.

3 SCOPE OF INVESTIGATION

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

The objectives of this assignment were achieved by:

— Identifying PCAs within the Phase One Property and Phase One Study Area;

— Identifying APECs having potential to adversely-affect the Site;

— Determining PCOCs associated with identified APECs; and

— Determining whether a Phase Two 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. 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 boundaries of the Phase One Property. Properties wholly beyond 250 m of the Phase One Property boundary were not added to the Phase One 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 review of the 1880 Dufferin County Atlas and the 1938 aerial photograph. The 1880 Dufferin County Atlas appeared to show Highway 89 and Prince of Wales Road West developed at this time. The east side of Prince of Wales Road West was noted to contain some development with a mill, a hotel and a post office. It is possible that the Phase One Property was developed as agricultural at this time although there are no descriptions on the atlas. The 1938 aerial photograph shows the Phase One Property as being utilized as agricultural with a residential dwelling and four other structures for agricultural use. The Phase One Property may have been a part of a larger agricultural lot including the adjoining properties to the north and some of the adjoining properties to the south.
iii. Fire Insurance Plans	A search for Fire Insurance Plans was conducted at the Dufferin County Museum & Archives and no fire insurance plans were available for the Phase One Property or Phase One Study Area.
iv. City Directories	A search for city directories was conducted at the Dufferin County Museum & Archives. No city directories were available for the Phase One Property or Phase One Study Area.
v. Environmental Reports	One hydrogeological report was provided to WSP for review as part of this investigation. *Preliminary Hydrogeological and Servicing Concepts Study – Primrose, Ontario (Township of Mulmur), Prepared for: Township of Mulmur, Prepared by: Azimuth Environmental Consulting, Inc. dated February 2008 (revised March 2009).* This report details a preliminary hydrogeological review and servicing concepts assessment for the Phase One Property along with properties to the west and south. Azimuth conducted a total of eight test pits to a maximum depth of 1.0 mbg, including four test pits on the Phase One Property to conduct percolation tests. The soils consisted of brown clayey silt with trace gravel, brown sandy silt with trace gravel and brown clay with some silt, trace sand and gravel. No monitoring wells were installed as part of this investigation.

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 Phase One Property and surrounding properties within the Phase One Study Area. The report includes a site diagram and a summary, which describe records that relate directly to the Site and records found within the Phase One Study Area. The Ecolog ERIS report is presented in Appendix B.

The following is a list of the database searches included by EcoLog ERIS for this assignment. Site and area specific information obtained (records found) from EcoLog ERIS are 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)
- Abandoned Mine Information System (AMIS)
- Boreholes (BORE)
- **Certificates of Approval (CA)**
- Certificate of Property Use (CPU)
- Coal Gasification Plants (COAL)
- Compliance and Convictions (CONV)
- Drill Hole Database (DRL)
- **Environmental Registry (EBR)**
- Environmental Activity and Sector Registry (EASR)
- Environmental Compliance Approval (ECA)
- **O. Reg. 347 Waste Generators Summary (GEN)**
- Mineral Occurrences (MNR)
- Non-Compliance Reports (NCPL)
- Ontario Inventory of PCB Storage Sites (OPCB)
- Ontario Oil and Gas Wells (OOGW)
- Orders (ORD)
- Permit to Take Water (PTTW)
- **List of TSSA Expired Facilities (EXP)**
- TSSA Variances for Abandonment of USTs (VAR)
- TSSA Historic Incidents (HINC)
- TSSA Incidents (INC)
- TSSA Pipeline Incidents (PINC)
- Pesticide Register (PES)
- **Fuel Storage Tank (FST)**
- **Fuel Storage Tank - Historic (FSTH)**
- **Private and Retail Fuel Storage Tanks (PRT)**
- Ontario Regulation 347 Waste Receivers Summary (REC)
- Record of Site Condition (RSC)
- Wastewater discharge Registration Database (SRDS)
- Waste Disposal Site Sites – MOE CA Inventory (WDS)
- **Waste Disposal Sites – MOE 1991 Historical Approved Inventory (WDSH)**
- **Ontario Spills (SPL)**
- **Water Well Information System (WWIS)**

The EcoLog ERIS search identified a total of fifty-two (52) records for the Phase One Property and the Phase One Study Area which including the adjoining and neighbouring properties within the Phase One Study Area. 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.

Table 4.2 Summary of Ecolog ERIS Results

Database	Results	Phase One Property	Adjoining Properties	Other Properties in Study Area
Anderson's Waste Disposal Sites	**1**	1	0	0
Certificates of Approval	**1**	0	0	1
Environmental Registry	**1**	0	0	1
ERIS Historical Searches	**1**	0	1	0
List of TSSA Expired Facilities	**10**	0	10	0
Fuel Storage Tank	**4**	0	4	0
Fuel Storage Tank - Historic	**2**	0	2	0
Ontario Regulation 347 Waste Generators Summary	**10**	0	10	0
Private and Retail Fuel Storage Tanks	**1**	0	0	1
Ontario Spills	**1**	0	0	1
Waste Disposal Sites – MOE 1991 Historical Approval Inventory	**1**	1	0	0
Water Well Information System	**19**	0	13	6
Total	**52**	**2**	**40**	**10**

Anderson's Waste Disposal Sites (1860s – Present)

This database was collected by examining historical documents to characterize the likely position of waste disposal sites. The creation of the database was to identify any sites that could be missing from the Ontario MOECC Waste Disposal Site Inventory. The Phase One Property was listed in this database. The Site is described as a "Dump" that was in operation during the 1970s and closed on April 30, 1974. The location described is North of Highways 89, 10, 24, 350m NE of Primrose crossroads. Although the written description indicates a location east of the Phase One Property, the coordinates provided plot the location on the Site and the ERIS Ecolog map also shows the location of the former dump on the Phase One Property.

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 one other property in the Phase One Study Area is shown in Table 4.3:

Table 4.3 Summary of MOECC Certificates of Approval

Address	Certificate No. (Date)	Certificate of Approval	Status/Description
Amarhit Tatla (635016 Ontario Inc) R.R. #4 Highway 10/24, Orangeville	4-0001-91-(12/11/1991)	Industrial Wastewater	Cancelled

Environmental Registry (1994 – Jan 2017)

This database lists proposals, decisions and exceptions regarding Acts, policies, regulations or instruments that could affect the environment. The Site was not listed in this database but one other property within the Study Area was listed as shown below.

Table 4.4 Summary of Environmental Registry Database

Address	EBR Registry No.	Notice Type	Instrument Type
1921137 Ontario Inc. 635721 Highway #10 Mono, County of Dufferin	013-1261 (August 14, 2017)	Instrument	Environmental Compliance Approval (project type: sewage)

ERIS Historical Searches (March 1999-Aug 2014)

This database contains a compilation of environmental risk reports requested by others since March 1999. One property in the Phase One Study Area was listed in the database and is shown in Table 4.5.

Table 4.5 Summary of ERIS Historical Searches

Address	Order No.	Date	Type of Report	Search Radius
Hwy 89 & Hwy 10: Conc 2, Part Lot 1 RP7R2940 and Part Lot 1 & 2	20110504022	05/13/2011	Standard Report	0.25km

List of TSSA Expired Facilities (Prior to 2016)

This database contains a list of all expired facilities that fall under the TSSA. 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
1750317 Ontario Inc o/a Gas Stn 506255 Hwy 89 @ Hwy 10, Shelburne, Ontario	06/28/2007	11473845 10931444 11473865 11473820	FS Liquid Fuel Tank (Gasoline Station – Full Serve)	Expired
1750317 Ontario Inc o/a Gas Stn 506255 Hwy 89 @ Hwy 10, Shelburne, Ontario	-	11476670	FS Piping	Expired
Johnny Giwargis o/a 1682383 Ontario Ltd. 506255 Hwy 89 @ Hwy 10, Shelburne, Ontario	-	42130049	FS Facility	Expired

Fuel Storage Tank (Prior to 2016)

This database includes TSSA registered private and retail fuel storage tanks in Ontario. The Phase One Property was not listed in this database but one property within the Phase One Study Area was listed. More details are found in Table 4.7.

Table 4.7 Summary of Fuel Storage Tank Database

Location	Instance Number	Fuel Type	Status	Capacity (L)	Tank Material	Tank Type	Install Year
Suncor Energy Products Partnership 506255 Hwy 89 @ Hwy 10, Shelburne	50151012	Gasoline	Active	50,000	Fibreglass	Double Wall UST	2007
Suncor Energy Products Partnership 506255 Hwy 89 @ Hwy 10, Shelburne	50151014	Gasoline	Active	50,000	Fibreglass	Double Wall UST	2007
Suncor Energy Products Partnership 506255 Hwy 89 @ Hwy 10, Shelburne	50151009	Gasoline	Active	50,000	Fibreglass	Double Wall UST	2007
Suncor Energy Products Partnership 506255 Hwy 89 @ Hwy 10, Shelburne	50151013	Diesel	Active	25,000	Fibreglass	Double Wall UST	2007

Fuel Storage Tank – Historic (Pre-January 2010)

This database includes an inventory of all registered private fuel storage tanks maintained by the Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations. This information is now collected by the TSSA. 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 4.8.

Table 4.8 Summary of Fuel Storage Tank - Historic Database

Location	License Issue Date	Tank Status	Operation Type	Tank Descriptions
Johnny Giwargis 506255 Hwy 89 @ Hwy 10, Shelburne	10/05/2006	Pending Renewal	Retail Fuel Outlet	Four Gasoline Liquid Fuel Single Wall USTs were removed. Three had capacities of 35,000L and one had a capacity of 22,700L. They were installed between 1983 and 1989.
1750317 Ontario Inc O/A Gas Stn 506255 Hwy 89 @ Hwy 10, Shelburne	06/16/2008	Licensed as of December 2008	Retail Fuel Outlet	Four Active Liquid Fuel Double Wall USTs; Three Gasoline with capacities of 50,000L and One Diesel with a capacity of 25,000L installed in 2007.

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

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

Table 4.9 Summary of O.Reg. 347 Waste Management Records

Address	Generator Number	Direction from Phase One Property	Waste Class	Waste Description	Years
Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4, Shelburne, Ontario, L0N 1S8	ON4228377	North	212 148 263	Aliphatic Solvents Inorganic Laboratory Chemicals Organic Laboratory Chemicals	2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, As of June 2017

The Phase One Property was not listed in this database. The north adjoining property was 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.

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 on their property and was created by the Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations. 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 #
Renegade Fuels Tony Burgler Hwy 10 & 89, Lot 32 Con 1 WHS, Primrose, Ontario	13354	Retail	1995-08-31	24,967	0076425792

Ontario Spills (1988 – June 2015)

A review of the Ontario Spills database indicated that no spills have been reported on the Phase One Property. Table 4.11 describes one spill that occurred within the Phase One Study Area.

Table 4.11 Summary of Ontario Spills

Address	Ref No.	Date	Contaminant Name	Environmental Impact	Receiving Medium	Incident Summary
Transport Truck on Hwy 89 at Hwy 10 Motor Vehicle (Operating Fluid), Mono Township	176544	01/10/2000	Diesel	Not Anticipated	Land	Unknown Quality Diesel to Highway from Truck Saddle Tank

Waste Disposal Sites - Ontario MOE (1991)

A review of the Waste Disposal Site Inventory published by the MOECC indicated that there are no active waste disposal sites located on the Phase One Property or within the Phase One Study Area. One closed site was identified on the Phase One Property in the Waste Disposal Site Inventory which is identified as Site #A180904. The waste disposal site was closed on April 30, 1974 and has a classification described as "B7 – Potential Environmental Impact – Urban Municipal/Domestic Waste".

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 4.12.

Table 4.12 Summary of NHIC Database Results

Species at Risk	Scientific Name	Status	Last Observation Date
Schweinitz's Sedge	*Carex schweinitzii*	S3	1991
Bobolink	*Dolichonyx oryzivorus*	Threatened	2005-06-12
Eastern Meadowlark	*Sturnella magna*	Threatened	2005-06-12

According to the MNRF Natural Heritage Map, two threatened species, the bobolink and eastern meadowlark, have been observed within the Phase One Study Area and therefore the Phase One Property may 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 50 km to the northeast of the Phase One Property, these sites are not anticipated to have potential to impact the Phase One Property.

Technical Standards & Safety Authority (TSSA) Inquiry

A direct inquiry was made to the TSSA for records pertaining to the Phase One Property. The request via email can be found in Appendix C. A response has not yet been received from the TSSA. WSP will notify Mr. Ray Duhamel in the event that these requests identify information that changes the conclusion of this report.

MOECC Freedom of Information Request

A request was submitted to the Ministry of the Environment and Climate Change (MOECC) Freedom of Information and Protection of Privacy Office to determine if there were environmental incidents or violations associated with the Phase One Property; whether Control Orders have been issued; whether there have been other environmental concerns associated with the Phase One Property such as complaints, inspections, etc.; whether 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 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 obtained 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 C. A response has not yet been received from the MOECC. WSP will notify Mr. Ray Duhamel in the event that these requests identify information that changes the conclusion of this report.

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 is not located within the Niagara Escarpment Plan area. The north adjoining property is the Boyne Valley Provincial Park which is a part of the Niagara Escarpment Plan.

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 4.13:

Table 4.13 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, 1969, 1975 and 1995 were obtained from the National Archives Collection. The County Atlas of Dufferin was reviewed to obtain an image from 1880. Dufferin County GIS provided satellite images from 2004, 2011 and 2016. Significant information obtained from these photographs and maps is summarized below and copies of the documents are provided in Appendix D: Dufferin County Atlas – 1880 The Phase One Property is situated within parts of the east half of Lots 1 & 2, Concession 2. No structures or labels appear on the Phase One Property, although properties to the east describe a mill, hotel and post office. Highway 89 and Prince of Wales Road West appear to have been constructed at this time. Boyne River appeared in a similar configuration as present day although the branches that run through the Phase One Property are not shown. 1938 The Phase One Property appeared to be agricultural with a dwelling and four other structures in the centre of the Site. The Site appeared to be a part of a larger agricultural lot including properties to the north and south. Highway 89 and Prince of Wales Road West have been constructed. The majority of the properties in the Phase One Study Area were agricultural with the exception of some properties in the southeast portion which appeared to be residential and commercial. The Boyne River appeared in a similar configuration as present day, although the southeast corner of the Phase One Property appears less vegetated. 1969 The Phase One Property appeared similar to the 1938 aerial photograph. The adjoining properties were primarily residential with the exception of more commercial properties being developed to the south of the Phase One Property, including the adjacent restaurant and it appeared the construction of the motel had begun. 1975 The Phase One Property appeared similar to the 1938 aerial photograph, although it appeared that the grading for a pond in the centre of the Site had begun. The majority of the properties in the Phase One Study Area were still agricultural. More commercial development had begun in the south/southeast portion including the adjacent gas station. 1995 The Phase One Property appeared similar to the 1938 aerial photograph with the addition of the pond to the northeast of the structures. The Phase One Study Area appeared similar to present day with the construction of the school to the northeast and more commercial properties to the south and southeast. The Boyne River appeared similar to present day.

SOURCE	RECORDS REVIEW RESULTS
	2004 The Phase One Property appeared similar to the 1938 aerial photograph and the Phase One Study Area appeared similar to present day. 2011 The structures formerly noted on the Phase One Property had been demolished and some building materials were still shown on the Site. The Phase One Study Area appeared similar to present day. 2016 The Phase One Property and other properties within the Phase One Study Area are shown as they appear in present day.
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 slopes in a northwesterly direction. The majority of the Phase One Property has an elevation of approximately 455 - 465 masl while the northwest corner slopes down to an elevation of approximately 445 masl. The topography in the vicinity of the Phase One Property also slopes to the north to northwest. A topographic map can be found in Appendix E. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the northwest towards Boyne River. The Phase One Property is situated within a spillways physiographic region. The surficial geology of the majority of the Phase One Property is described as "glaciofluvial deposits including river deposits and delta facies". The northeast portion of the Phase One Property is described as "ice-contact stratified deposits consisting of sand and gravel and minor silt, clay and till" and a small portion of the southwest corner is described as "organic deposits consisting of peat, muck and marl". The underlying bedrock within the area generally consists of sandstone, shale, dolostone, and siltstone of the Armabel Formation. According to the MOECC Water Well Records, the bedrock depth within the Phase One Study Area ranges from approximately 3.0 to 15.2 mbgs. The closest well records to the Phase One Property range between 3.0 and 7.3 mbgs.
iii. Fill Materials	Fill may have been used during the construction of the historical house and barns as well as the gravel driveway from Prince of Wales Road West. On the west side of the historical structures, there is a mis-shapen mound which may be an indication of the historical waste disposal area.
iv. Water Bodies and Areas of Natural Significance	A branch of the Boyne River flows through the southwest and northwest corners of the Phase One Property. The Boyne River flows in a northeasterly direction into the Nottawasaga River which flows a northwesterly direction into Georgian Bay. Boyne Valley Provincial Park is located immediately north of the Phase One Property. According to the MNRF Natural Heritage Map, two threatened species, the bobolink and eastern meadowlark, have been observed on the Phase One Property or within the Phase One Study Area and therefore the Phase One Property may be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended.

SOURCE	RECORDS REVIEW RESULTS
v. Well Records	There were no well records found for the Phase One Property. Nineteen (19) MOECC Well Records were found within the Phase One Study Area and are described in Appendix F.

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 any of the following uses:

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

The Phase One Property is currently agricultural, and as such is not considered an enhanced investigation property.

5 INTERVIEWS

Mr. Grant Cunningham, a representative from the property owners, Taymeg Property & Development Incorporated was interviewed as part of this investigation. Details of the interview are presented in Table 5.1.

Table 5.1 Details of Interview

REQUIRED INFORMATION	SPECIFICS	
i. Date, place, and method of the interviews and the name of person being interviewed	Date:	February 14, 2018
	Place:	Via email received at WSP Collingwood Office
	Interview Method:	Phase One ESA Questionnaire
	Interviewee:	Mr. Grant Cunningham, representative from Taymeg Property & Development Incorporated
ii. Reason why the person was identified as an interview subject	Mr. Grant Cunningham is a representative from Taymeg Property & Development Incorporated who has owned the site since 2008. He is considered knowledgeable about the site.	
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	Mr. Cunningham told WSP that the property was owned by Morley and Shirley Farnell prior to 2008 and that the property has been agricultural and in their family since it was first registered. The Phase One Property has two wells and a septic tank south of the historical dwelling. No spills or fires have occurred on the Phase One Property. Mr. Cunningham also mentioned that no fill or any other materials have been stored on site. He is not aware of any incidents that have occurred on the Phase One Property or adjoining properties that may affect the environmental quality of the Phase One Property.	
Reliability or Validity	Comparison of the information provided by Mr. Cunningham with information collected through the records review discussed in Section 4 revealed no significant differences. Based on this assessment, WSP considers Mr. Cunningham a reliable source of information about the Site.	

6 SITE RECONNAISSANCE

6.1 WRITTEN DESCRIPTION OF THE INVESTIGATION

A description of the investigation and reconnaissance are documented throughout Section 6.0 with potential contaminating activities identified and discussed in Section 7.0. Site reconnaissance investigation notes are provided in Table 6.1:

Table 6.1 Site Reconnaissance Investigation Notes

CRITERION	PHASE ONE PROPERTY INFORMATION
i. date and time of the investigation	February 8, 2018 from 2:00pm to 4:00pm
ii. weather conditions	The temperature was approximately -7°C and weather conditions were overcast.
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	The Phase One Property was agricultural at the time of site reconnaissance. Suzanne Lawrence from Royal LePage mentioned the fields had been planted for the season. Select photographs taken during the Site reconnaissance are provided in Appendix G.
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.

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

Table 6.2 summarizes the specific site reconnaissance observations made by WSP.

Table 6.2 Site Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
General	
i. Subject Site Structures and Improvements including Below-Ground Structures	The Phase One Property is currently agricultural with no structures located on the Site. There is a gravel driveway entering from Prince of Wales Road West which leads to the location of the historical dwelling and structures. Some concrete blocks, cedar fencing, fence wires, and other items are still visible in the area. The Site slopes to the northwest towards the Boyne River and was snow covered during the site reconnaissance. On the west side of the historical structures, there is a mis-shapen mound which may be an indication of the historical waste disposal area.

ii. Underground Storage Tanks	No evidence of underground storage tanks was observed.
iii. Above Ground Storage Tanks	One above ground storage tank was observed in the area of the historical house and barn. No label was found on the tank but it was approximately 900L. The tank was also missing a cap and seems to have been used to fuel agricultural equipment. The bottom half of the tank could not be seen at the time of the site visit due to snow and ice.
iv. Potable and Non-potable Water Sources	No potable water supply wells were observed within the Phase One Property although it is likely the historical house was serviced with a well and it may still exist but was unclear due to the snow cover. The Phase One Property is currently not serviced with municipal water.
Underground Utilities and Corridors	
Underground Utilities and Corridors	The Phase One Property may have limited underground utilities most likely leading out to Prince of Wales Road West. One cable box was located on the south side of the driveway on the Phase One Property and overhead hydro wires were observed overhead on Prince of Wales Road West.
Features and Structures of On-site Buildings	
i. Entry and Exit Points	There are no structures on the Phase One Property.
ii. Heating & Cooling Systems	There are no structures on the Phase One Property.
iii. Drains, Pits, Sumps	There are no structures on the Phase One Property and no drains, pits, or sumps were observed.
iv. Unidentified Substances	Some empty containers were found in the area of the historical structures. They were 20L pails with labels indicating they once had contained oil and greases.
i. Wells	No potable water supply wells were observed within the Phase One Property.
ii. Sewage Works	The Phase One Property is currently not serviced for sewage works. There is most likely a septic system located near the location of the historical house.
iii. Ground Surface	The ground surface within the Phase One Property was mainly snow covered at the time of the site reconnaissance.
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 Phase One Property, although, it is noted that the site was snow covered at the time of inspection.
ii. Stressed Vegetation	No evidence of stressed vegetation was observed on the Phase One Property.

iii. Areas where fill and debris materials appear to have been placed or graded	Fill may have been used during the construction of the historical house and barns as well as the gravel driveway from Prince of Wales Road West. On the west side of the historical structures, there is a mis-shapen mound which may be an indication of the historical waste disposal area.
iv. Potentially contaminating activity	PCA No. 28 Gasoline and Associated Products Storage in Fixed Tanks PCA No. 30 Imported Fill Material of Unknown Quality
v. Details of unidentified substances found at the property	Some empty containers were found in the area of the historical structures. They were 20L pails with labels indicating they once had contained oil and greases.
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 any of the following uses: — any industrial use; — as a garage; — as a bulk liquid dispensing facility, including a gasoline outlet; and/or — for the 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	None observed.
iii. Asbestos Containing Materials	None observed.
iv. Urea Formaldehyde Foam Insulation	None observed.
v. Ozone Depleting Substances	None observed.
vi. Herbicides and Pesticides	None observed although may have been used throughout the years on the agricultural fields.
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, commercial, agricultural and community as listed in Table 6.3 below:

Table 6.3 Phase One Study Area Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
Adjacent Land Uses	Adjacent land uses at the time of the site reconnaissance are illustrated on Drawing 2 and summarized below: **North:** From west to east: Boyne Valley Provincial Park, Primrose Elementary School and a residential property; **South:** From west to east: three residential properties, one vacant/agricultural property, Shelburne Motel, Steven's Restaurant, Petro Canada Gas Station, and Superburger; **East:** Agricultural; **West:** From north to south: Vacant/Woodlands and a commercial plaza.
Water Bodies	A branch of the Boyne River flows through the southwest and northwest corners of the Phase One Property. The Boyne River flows in a northeasterly direction into the Nottawasaga River which flows in a northwesterly direction into Georgian Bay.
Areas of Natural Significance	Boyne Valley Provincial Park is located immediately north of the Phase One Property. According to the MNRF Natural Heritage Map, two threatened species, the bobolink and eastern meadowlark, have been observed on the Phase One Property or within the Phase One Study Area and therefore the Phase One Property may be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended.

7 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND HISTORICAL USES

Table 7.1 summarizes the current and historic property uses within the Site as inferred from records obtained by WSP.

Table 7.1 Current and Past Phase I Property Land Uses

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Crown-?	Various Private Individuals (related to the Farnell family)	Residential/ Agricultural	Agricultural	Based on aerial photographs and the interview, the Phase One Property appeared to be residential/agricultural during this time.
? - 2008	Morley and Shirley Farnell	Residential/ Agricultural	Agricultural	Based on aerial photographs and the interview, the Phase One Property appeared to be residential/agricultural during this time.
2008-2011	Taymeg Property & Development Incorporated	Residential/ Agricultural	Agricultural	Based on satellite images and the interview, the Phase One Property appeared to be residential/agricultural during this time.
2011-Present	Taymeg Property & Development Incorporated	Agricultural	Agricultural	Based on satellite images and the interview, the Phase One Property appeared to have the dwelling and structures demolished and only be agricultural during this time.

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

7.2 POTENTIALLY CONTAMINATING ACTIVITY

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

Table 7.2 summarizes four PCAs which was identified within the Phase One Study Area.

Table 7.2 Summary of PCAs

PCAs	DESCRIPTION
PCA No. 28 Gasoline and Associated Products Storage in Fixed Tanks	**Phase One Property –** One above ground storage tank was observed in the area of the historical dwelling and other structures. No label was found on the tank but it was approximately 900L. The tank was also missing a cap but seems to have been used to fuel agricultural equipment. The bottom half of the tank could not be seen at the time of the site visit due to snow and ice. Due to this PCA being located on the Phase One Property, this PCA contributes to **APEC-1.** **Phase One Study Area –** One of the south adjoining properties in the Phase One Study Area is a Petro Canada gas station (506255 Highway 89) which has four underground fuel tanks. There are three gasoline tanks with capacities of 50,000L and one diesel tank with a capacity of 25,000L installed in 2007. Four Gasoline Liquid Fuel Single Wall USTs had also been removed from this location. Three had capacities of 35,000L and one had a capacity of 22,700L. They were installed between 1983 and 1989. Due to this PCA being located directly adjacent to the Phase One Property, this PCA contributes to **APEC-2.** **Phase One Study Area –** One of the properties in the southeast portion of the Phase One Study Area (635721 Highway 10/24) is under construction as a Petro Canada Gas Station. Due to this PCA being under construction and possibly not even having tanks on the site yet or gasoline or associated products within the tanks, this PCA does not contribute to an APEC.
PCA No. 30 Imported Fill Material of Unknown Quality	**Phase One Property –** Fill may have been used during the construction of the historical house and barns as well as the gravel driveway from Prince of Wales Road West. Due to the fill being located on the Phase One Property, this PCA contributes to **APEC-3**.
PCA No. 40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**Phase One Property –** The Phase One Property has been agricultural for over 90 years and pesticides and herbicides may have been used on the crops. Due to this PCA being located on the Phase One Property, this PCA contributes to **APEC-4.**
PCA No. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	**Phase One Property –** A review of a Waste Disposal Site Inventory published by the MOECC and Anderson's Waste Disposal Sites database indicated that there is a closed waste disposal site located on the Phase One Property that operated in the 1970s and closed on April 30, 1974. According to the Waste Disposal Site Inventory database, the site accepted urban municipal/domestic waste and has "potential environment impacts". Due to this PCA being located on the Phase One Property, this PCA contributes to **APEC-5**.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

The table of APECs presented in the form as approved by the Director is provided below. The table was prepared in accordance with clause 16(2) (a), Schedule D, O.Reg. 153/04.

Table 7.3 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 Above ground storage tank area	Central 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 Gas Station on South adjoining property	South portion of the Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	Off-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-3 Fill used in construction of historical structures	Central portion of Phase One Property	PCA No. 30 Imported Fill Material of Unknown Quality	On-site	Metals and ORPs PAHs PHCs VOCs	Soil & Groundwater
APEC-4 Pesticides Application Area	Throughout 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
APEC-5 Potential Landfilling Area	West and South of the historical structures	PCA No. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-site	Metals and ORPs, OC Pesticides, PAHs PHCs VOCs PCBs	Soil & Groundwater

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Through analysis and interpretation of available information gathered during the Phase One ESA, a CSM was developed for the 636040 Prince of Wales Road West in the Township of Mulmur, 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:

— 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 7.4 below:

Table 7.4 CSM Summary

CRITERIA	DISCUSSION
i. Show any existing buildings and structures	The Phase One Property does not have any buildings or structures located on the Site. A dwelling and other outbuildings were previously present on the central portion of the property.
ii. Identify and locate water bodies located in whole or in part on the Phase One Study Area	A branch of the Boyne River flows through the southwest and northwest corners of the Phase One Property. The Boyne River flows in a northeasterly direction into the Nottawasaga River which flows in a northwesterly direction into Georgian Bay.
iii. Identify and locate any areas of natural significance located in whole or in part on the Phase One Study Area	Boyne Valley Provincial Park is located immediately north of the Phase One Property. According to the MNRF Natural Heritage Map, two threatened species, the bobolink and eastern meadowlark, have been observed on the Phase One Property and/or the Phase One Study Area and therefore the Phase One Property may be considered an environmentally sensitive area in accordance with O.Reg. 153/04, as amended.
iv. Locate any drinking water wells at the Phase One Property	According to the interview with a representative of the property owners, there are two drinking water wells on the Phase One Property. They were not observed during the site reconnaissance due to snow cover.
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:** From west to east: Boyne Valley Provincial Park, Primrose Elementary School and a residential property; **South:** From west to east: three residential properties, one vacant/agricultural property, Shelburne Motel, Steven's Restaurant, Petro Canada Gas Station, and Superburger; **East:** Agricultural; **West:** From north to south: Vacant/Woodlands and a commercial plaza.

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 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. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners 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 may have limited underground utilities most likely leading out to Prince of Wales Road West. One cable box was located on the south side of the driveway on the Phase One Property and overhead hydro wires were observed overhead on Prince of Wales Road West.

iv.	Available regional or site specific geological and hydrogeological information	The Phase One Property is situated within a spillways physiographic region. The surficial geology of the majority of the Phase One Property is described as "glaciofluvial deposits including river deposits and delta facies". The northeast portion of the Phase One Property is described as "ice-contact stratified deposits consisting of sand and gravel and minor silt, clay and till" and a small portion of the northeast corner is described as "organic deposits consisting of peat, muck and marl".The underlying bedrock within the area generally consists of sandstone, shale, dolostone, and siltstone of the Armabel Formation. According to the MOECC Water Well Records, the bedrock depth within the Phase One Study Area ranges from approximately 3.0 to 15.2 mbgs. The closest well records to the Phase One Property range between 3.0 and 7.3 mbgs. The Phase One Property slopes in a northwesterly direction. The majority of the Phase One Property has an elevation of approximately 465 - 455 masl while the northwest corner slopes down to an elevation of approximately 445 masl. The topography in the vicinity of the Phase One Property slopes to the north to northwest. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the northwest towards Boyne River.
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. Responses to information requests were received prior to preparation on this report, except for the MOECC FOI and a response from the TSSA. WSP will notify Mr. Ray Duhamel in the event that these requests identify information that changes the conclusion of this report. 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

The 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 636040 Prince of Wales Rd West in the Township of Mulmur, Ontario. The Site is currently agricultural. The Phase One Property is currently owned by Taymeg Property & Development Incorporated. 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 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 four PCAs were identified within the Phase One Study Area. Three (3) PCAs were deemed to contribute to an APEC in, on, or under the Phase One Property. 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 Above ground storage tank area	Central 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 Gas Station on South adjoining property	South portion of the Phase One Property	PCA No. 28 Gasoline and Associated Products in Fixed Tanks	Off-site	Lead PAHs PHCs VOCs	Soil & Groundwater
APEC-3 Fill used in construction of historical structures	Central portion of Phase One Property	PCA No. 30 Imported Fill Material of Unknown Quality	On-site	Metals and ORPs PAHs PHCs VOCs	Soil & Groundwater
APEC-4 Pesticides Application Area	Throughout 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
APEC-5 Potential Landfilling Area	West and South of the historical structures	PCA No. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-site	Metals and ORPs, OC Pesticides, PAHs PHCs VOCs PCBs	Soil & Groundwater

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, ORPs, PHCs including BTEX, VOCs, PAHs, OC Pesticides and PCBs.

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 WHETHER PHASE TWO ENVIRONMENTAL SITE ASSESSMENT REQUIRED BEFORE RECORD OF SITE CONDITION SUBMITTED

Based on the findings of the Phase One ESA, current and historical PCAs which could adversely affect environmental condition of the Site were identified; therefore, a Phase Two ESA is warranted 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.

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 Deltini Commercial Developments/1461125 Ontario Limited c/o Ms. Marika Zigon solely for their exclusive use in the evaluation of the 636040 Prince of Wales Road West in the Township of Mulmur, 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 six years.

This report was reviewed by Mr. Rodney Obdeyn, P.Eng., who is a Senior Environmental Engineer in the Toronto, Ontario office of WSP Canada Inc. Rodney has obtained a Bachelor's Degree in Engineering, and is a recognized Professional Engineer in Ontario since 1990. Rodney has conducted and managed hundreds of environmental investigations including Phase One ESAs, Phase Two ESAs, and various site remediation projects across Ontario. Rodney is a Qualified Person (QP_{ESA}) under O.Reg. 153/04.

9 REFERENCES

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- McGill University (McGill). 2001. The Canadian County Atlas Digital Project. http://digital.library.mcgill.ca/countyatlas/searchmapframes.php. Accessed February 8, 2018.
- Ontario Ministry of the Environment and Climate Change (MOECC). 1988. Ontario Ministry of the Environment Waste Disposal Site Inventory. May 1988
- Ontario Ministry of the Environment and Climate Change (MOECC). 2011. Ontario Regulation 153/04, as amended, made under the Environmental Protection Act. July 1, 2011.
- Ontario Ministry of Natural Resources and Forestry (MNRF). 2008. Ontario Base Map Index. https://www.ontario.ca/data/ontario-base-map-index. Accessed February 8, 2018.
- Ontario Ministry of Natural Resources and Forestry (MNRF). 2015. Natural Heritage Areas. http://www.giscoeapp.lrc.gov.on.ca/Mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US. Accessed February 7, 2018.
- Ontario Ministry of Northern Development and Mines (MNDM). 2016. Ontario Geological Society Maps. 2016.
- Preliminary Hydrogeological and Servicing Concepts Study – Primrose, Ontario (Township of Mulmur), Prepared for: Township of Mulmur, Prepared by: Azimuth Environmental Consulting, Inc. dated February 2008 (revised March 2009).

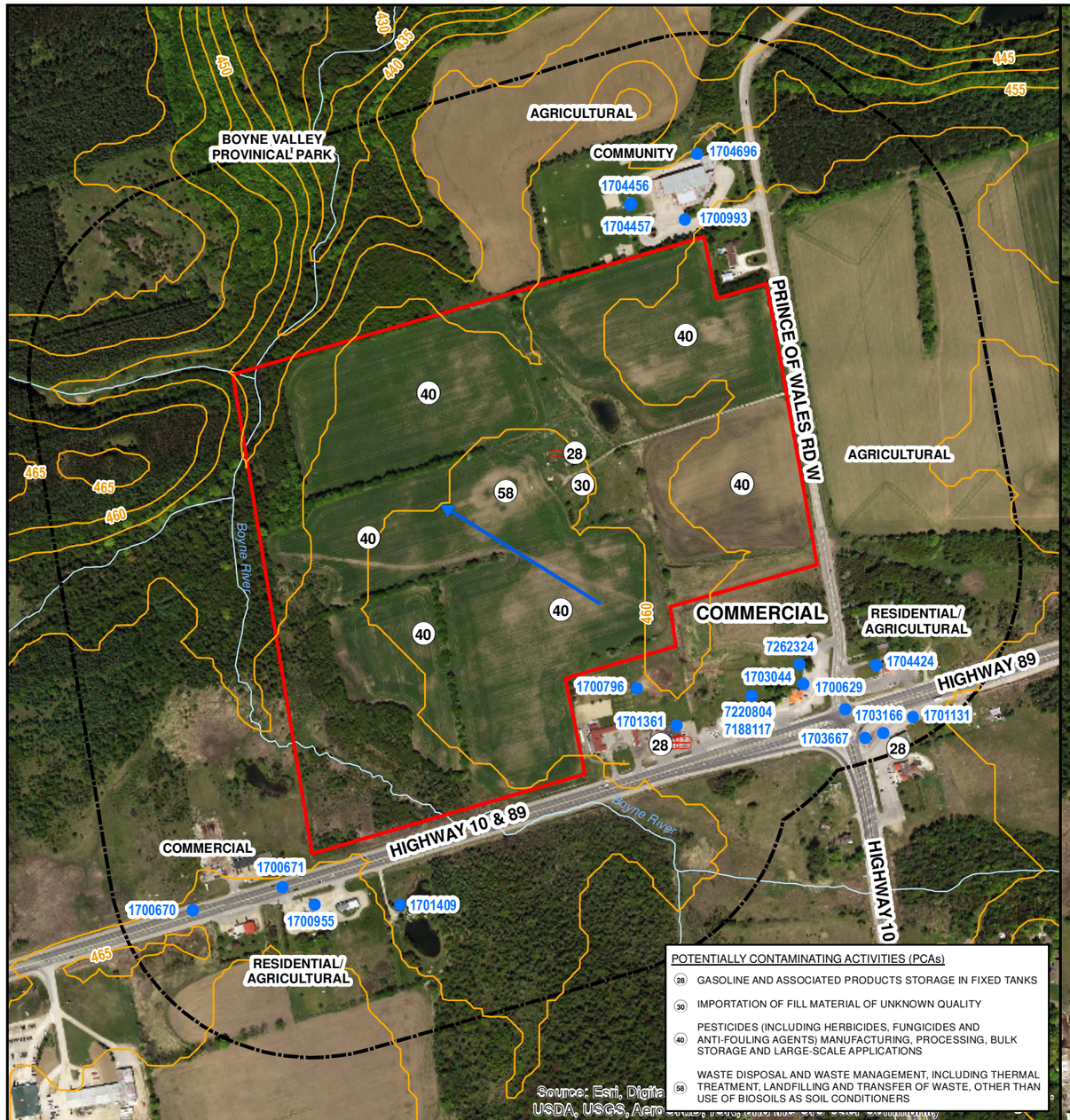
APPENDIX

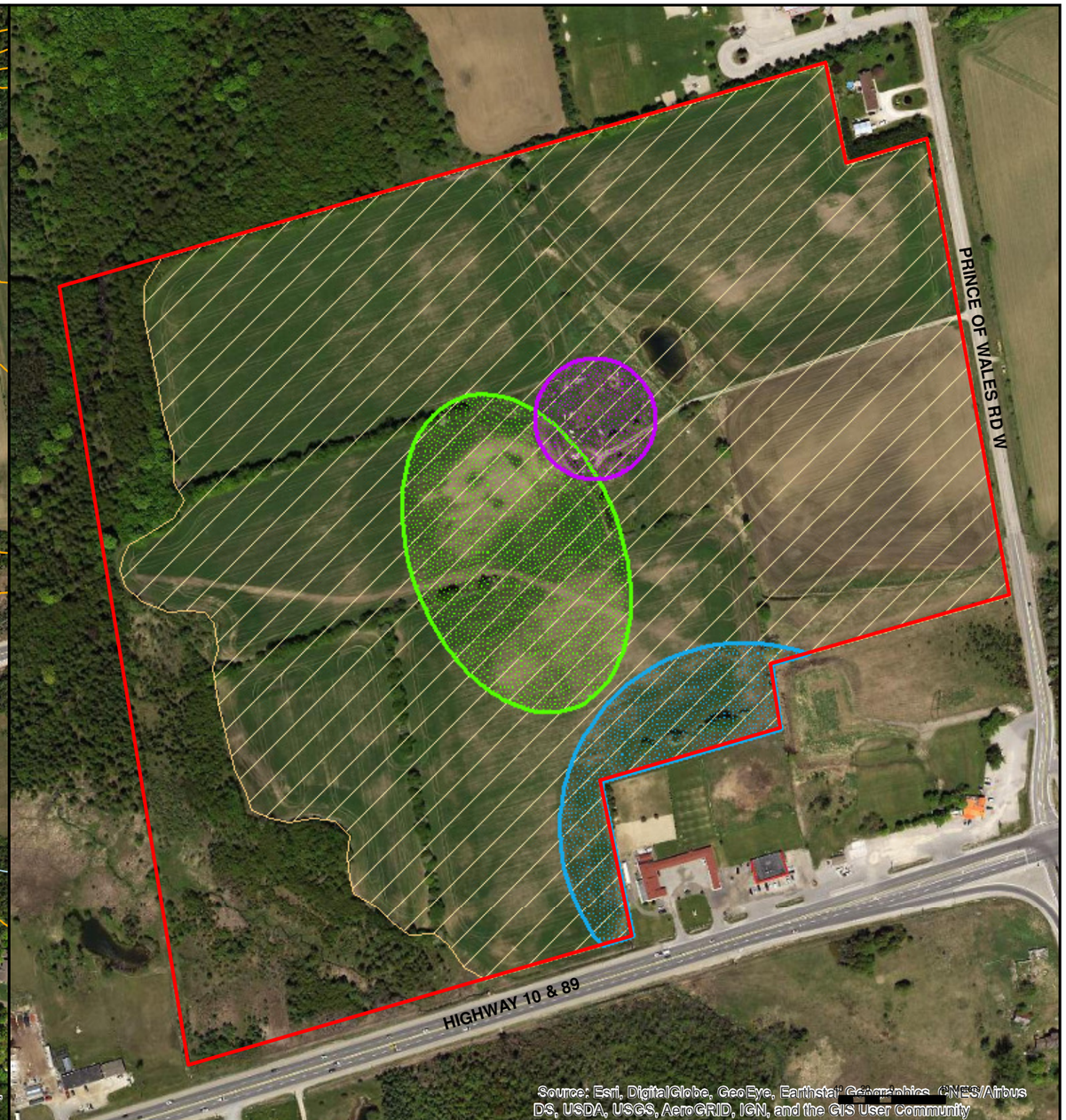
DRAWINGS

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

SITE LOCATION PLAN

Scale: 1:48,600	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: NC
Date: February 2018	**636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **1**





wsp

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 TOPOGRPAHIC CONTOURS
- INFERRED GROUNDWATER FLOW DIRECTION
- WATERCOURSE
- STORAGE TANKS
- MOECC WATER WELL RECORD

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC 1 & 3
- APEC 2
- APEC 4
- APEC 5

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

CLIENT: DELTINI COMMERCIAL DEVELOPMENTS / 1461125 ONTARIO INC

PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
636040 PRINCE OF WALES ROAD WEST
PRIMROSE, TOWNSHIP OF MULMUR, ONTARIO

PROJECT NO: 181-01582-00	DATE: MARCH 2018
DESIGNED BY: -	
DRAWN BY: TP	
CHECKED BY: RO	
FIGURE NO: 2	SCALE: AS SHOWN

TITLE: CONCEPTUAL SITE MODEL

DISCIPLINE: ENVIRONMENT

ISSUE: -	REV.: -

Document Path: T:\181-01582-00\MXD\181-01582-00 Figure 2 CSM.mxd

APPENDIX

A LEGAL SURVEY

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

DATE: DECEMBER 17, 2007

P.J. WILLIAMS, ONTARIO LAND SURVEYOR

PLAN 7R- 5686

RECEIVED AND DEPOSITED

DATE: January 9, 2008

LAND REGISTRAR FOR THE LAND TITLES DIVISION OF DUFFERIN # 7

SCHEDULE OF PARTS

PART	LOT	CONCESSION	P.I.N.	TOWNSHIP	AREA
1	PART OF E½ 1 AND PART OF E½ 2	2, W.H.S.	ALL OF 34128–0050 (LT)	MULMUR	35.289 ha.

PLAN OF SURVEY OF **PART** OF THE **EAST HALF** OF **LOT 1** **AND,** **PART** OF THE **EAST HALF** OF **LOT 2** **CONCESSION 2,** WEST OF HURONTARIO STREET **TOWNSHIP** OF **MULMUR** **COUNTY** OF **DUFFERIN**

SCALE 1:1500

0 15 30 60 90 150 METRES

P.J.WILLIAMS, O.L.S.

LEGEND:

□	DENOTES SURVEY MONUMENT SET
■	DENOTES SURVEY MONUMENT FOUND
SIB	DENOTES 25.4 mm² x 1219.2 mm LONG IRON BAR
SSIB	DENOTES 25.4 mm² x 609.6 mm LONG IRON BAR
IB	DENOTES 15.9 mm² x 609.6 mm LONG IRON BAR
IB●	DENOTES ROUND IRON BAR
N.T.	DENOTES NOT TO SCALE
MS	DENOTES MEASURED
WIT.	DENOTES WITNESS MONUMENT
MTO	DENOTES MINISTRY OF TRANSPORTATION ONTARIO
OU	DENOTES ORIGIN UNKNOWN
789	DENOTES L. THOMSON, O.L.S.
1113	DENOTES R.T. STEPHENSON, O.L.S.
1253	DENOTES D.J. CULLEN, O.L.S.
1493	DENOTES J.F. YOUNG, O.L.S.
C.L.F.	DENOTES CHAIN LINK FENCE
C.P.	DENOTES CORNER POST
NF	DENOTES NO FENCE
PWF	DENOTES POST AND WIRE FENCE
RF	DENOTES RAIL FENCE
SRF	DENOTES SNAKE RAIL FENCE
W.H.S.	DENOTES WEST OF HURONTARIO STREET
P1	DENOTES PLAN OF SURVEY BY P.J. WILLIAMS, O.L.S. DATED NOV. 18, 1968
P2	DENOTES PLAN OF SURVEY BY R.T. STEPHENSON, O.L.S., DATED OCT. 28, 1970
P3	DENOTES PLAN OF SURVEY BY D.J. CULLEN, O.L.S., DATED MARCH 4, 1971
P4	DENOTES DEPOSITED PLAN 7R–731
P5	DENOTES DEPOSITED PLAN 7R–2194
P6	DENOTES DEPOSITED PLAN 7R–2327
P7	DENOTES DEPOSITED PLAN 7R–3484
P8	DENOTES DEPOSITED PLAN 7R–4155
INST.	DENOTES INST. MF157220
1211	DENOTES P.J. WILLIAMS, O.L.S.

NOTE:

(1) BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THE WESTERLY LIMIT OF THE ORIGINAL ROAD ALLOWANCE BETWEEN CONCESSIONS 1 AND 2, W.H.S. (MULMUR), AS SHOWN ON DEPOSITED PLAN 7R–2327 (MTO PLAN P–1836–47) AS N 9°31'40" W.

(2) ALL MEASUREMENTS ARE IN METRES AND MAY BE CONVERTED TO FEET BY DIVIDING BY 0.3048

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.

(2) THIS SURVEY WAS COMPLETED ON DECEMBER 14, 2007.

P.J. WILLIAMS, O.L.S. — December 17, 2007 DATED

P.J. WILLIAMS, ONTARIO LAND SURVEYOR

OFFICE ADDRESS: 806286 RIVER ROAD, R.R.#3, SHELBURNE, ONTARIO L0N1S7
PHONE: (519)941–6231, (519)925–0057 FAX: (519)925–4010
E–MAIL: pjw1211@sol.com

PROJECT: 6236 CLIENT: SHIRLEY & MORLEY FARNELL

DRAWN BY: SAC
CHECKED BY: SIB & PJW
P.S.F.# 1678705
ACADLT97 E:\P6236rp.dwg DBK 2007a

APPENDIX

B ERIS ECOLOG

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase One ESA - 636040 Prince of Wales Road West, Primrose Prince Of Wales Rd W Primrose ON*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20180130057*
Requested by:	*WSP Canada Inc.*
Date Completed:	*February 6, 2018*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Phase One ESA - 636040 Prince of Wales Road West, Primrose* *Prince Of Wales Rd W Primrose ON*
Project No:	

Order Information:

Order No:	*20180130057*
Date Requested:	*January 30, 2018*
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	1	0	1
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	0	0
CA	*Certificates of Approval*	Y	0	1	1
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	1	1
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	1	1
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
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	4	4
FSTH	*Fuel Storage Tank - Historic*	Y	0	2	2
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	10	10
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0
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	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
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	0	0
SPL	Ontario Spills	Y	0	1	1
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	1	0	1
WWIS	Water Well Information System	Y	0	19	19
	Total:		2	50	52

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	ANDR	Primrose Dump	Hornings Mills ON L0N 1J0	-/0.0	0.00	18
2	WDSH		PT 1 E1/2 2 MULMUR ON	-/0.0	0.00	18

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		lot 1 con 2 ON	NNE/20.5	-2.38	19
4	WWIS		lot 1 con 2 ON	SE/31.7	-1.00	21
5	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/45.1	-3.93	23
5	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/45.1	-3.93	24
5	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/45.1	-3.93	24
5	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/45.1	-3.93	25
6	WWIS		lot 32 con 2 ON	SSW/47.0	0.64	25
7	WWIS		lot 32 con 2 ON	SSW/49.2	-0.64	27
8	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/57.4	-4.00	30
8	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	NNE/57.4	-4.00	30
8	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	NNE/57.4	-4.00	31
8	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	NNE/57.4	-4.00	31
8	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	NNE/57.4	-4.00	31
9	WWIS		lot 1 con 2 ON	NNE/57.6	-3.89	32
9	WWIS		lot 1 con 2 ON	NNE/57.6	-3.89	37
10	GEN	Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	NNE/64.6	-5.39	41
11	WWIS		lot 32 con 2 ON	SSW/75.6	-1.57	41
12	WWIS		lot 1 con 2 ON	SE/88.7	-1.00	44
13	EHS		Hwy 89 & Hwy 10: Conc 2, Part Lot 1 RP7R2940 and Part Lot 1 & 2 Shelburne ON	SW/92.7	-3.04	47
14	WWIS		lot 1 con 2 ON	NNE/94.4	-5.36	47
15	WWIS		PRIMROSE ON	SE/105.0	0.00	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	WWIS		PRIMROSE ON	SE/105.0	0.00	50
16	WWIS		lot 1 con 2 ON	ESE/116.3	0.15	53
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	58
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	59
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	59
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	59
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	59
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	60
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	60
17	EXP	JOHNNY GIWARGIS O/A 1682383 ONTARIO LTD	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	60
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	60
17	EXP	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	61
17	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	61
17	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	61
17	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	61
17	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	SE/116.6	-0.80	62
17	FSTH	1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	62
17	FSTH	JOHNNY GIWARGIS	506255 HWY 89 @ HWY 10 SHELBOURNE ON	SE/116.6	-0.80	63
18	WWIS		lot 1 con 2 ON	ESE/140.8	1.00	63
19	WWIS		lot 1 con 1 ON	ESE/147.0	2.07	66
20	WWIS		lot 32 con 2 ON	SW/161.2	0.21	69
21	WWIS		lot 32 con 1 ON	ESE/184.9	2.03	72
22	CA	AMARJIT TATLA (635016 ONTARIO INC.)	R.R. NO. 4. HIGHWAY # 10/24 ORANGEVILLE TOWN ON	ESE/200.8	2.04	74
22	PRT	RENEGADE FUELS TONY BURGLER	HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON	ESE/200.8	2.04	74
22	SPL	TRANSPORT TRUCK	ON HWY 89 AT HWY 10 MOTOR VEHICLE (OPERATING FLUID) MONO TOWNSHIP ON	ESE/200.8	2.04	74
23	WWIS		lot 32 con 1 ON	ESE/224.9	4.03	74

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	WWIS		ON	ESE/226.2	2.00	78
25	WWIS		lot 32 con 1 ON	ESE/227.4	3.08	80
26	EBR	1921137 Ontario Inc.	635721 Highway #10 Mono County of Dufferin L9V 0Z8 TOWN OF MONO ON	ESE/245.0	2.00	83

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Primrose Dump	Hornings Mills ON L0N 1J0	0.0	1

CA - Certificates of Approval

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

Site	Address	Distance (m)	Map Key
AMARJIT TATLA (635016 ONTARIO INC.)	R.R. NO. 4. HIGHWAY # 10/24 ORANGEVILLE TOWN ON	200.8	22

EBR - Environmental Registry

A search of the EBR database, dated 1994-Oct 2017 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1921137 Ontario Inc.	635721 Highway #10 Mono County of Dufferin L9V 0Z8 TOWN OF MONO ON	245.0	26

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Hwy 89 & Hwy 10: Conc 2, Part Lot 1 RP7R2940 and Part Lot 1 & 2 Shelburne ON	92.7	13

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.

Site	Address	Distance (m)	Map Key
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
JOHNNY GIWARGIS O/A 1682383 ONTARIO LTD	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17
SUNCOR ENERGY PRODUCTS PARTNERSHIP	506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	116.6	17

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1750317 ONTARIO INC O/A GAS STN	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17
JOHNNY GIWARGIS	506255 HWY 89 @ HWY 10 SHELBOURNE ON	116.6	17

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 10 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	45.1	5
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	45.1	5
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	45.1	5
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	45.1	5
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	57.4	8
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	57.4	8
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	57.4	8
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	57.4	8
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON	57.4	8
Upper Grand District School Board	Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8	64.6	10

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.

Site	Address	Distance (m)	Map Key
RENEGADE FUELS TONY BURGLER	HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON	200.8	22

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2017 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TRANSPORT TRUCK	ON HWY 89 AT HWY 10 MOTOR VEHICLE (OPERATING FLUID) MONO TOWNSHIP ON	200.8	22

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.25 kilometers of the project property.

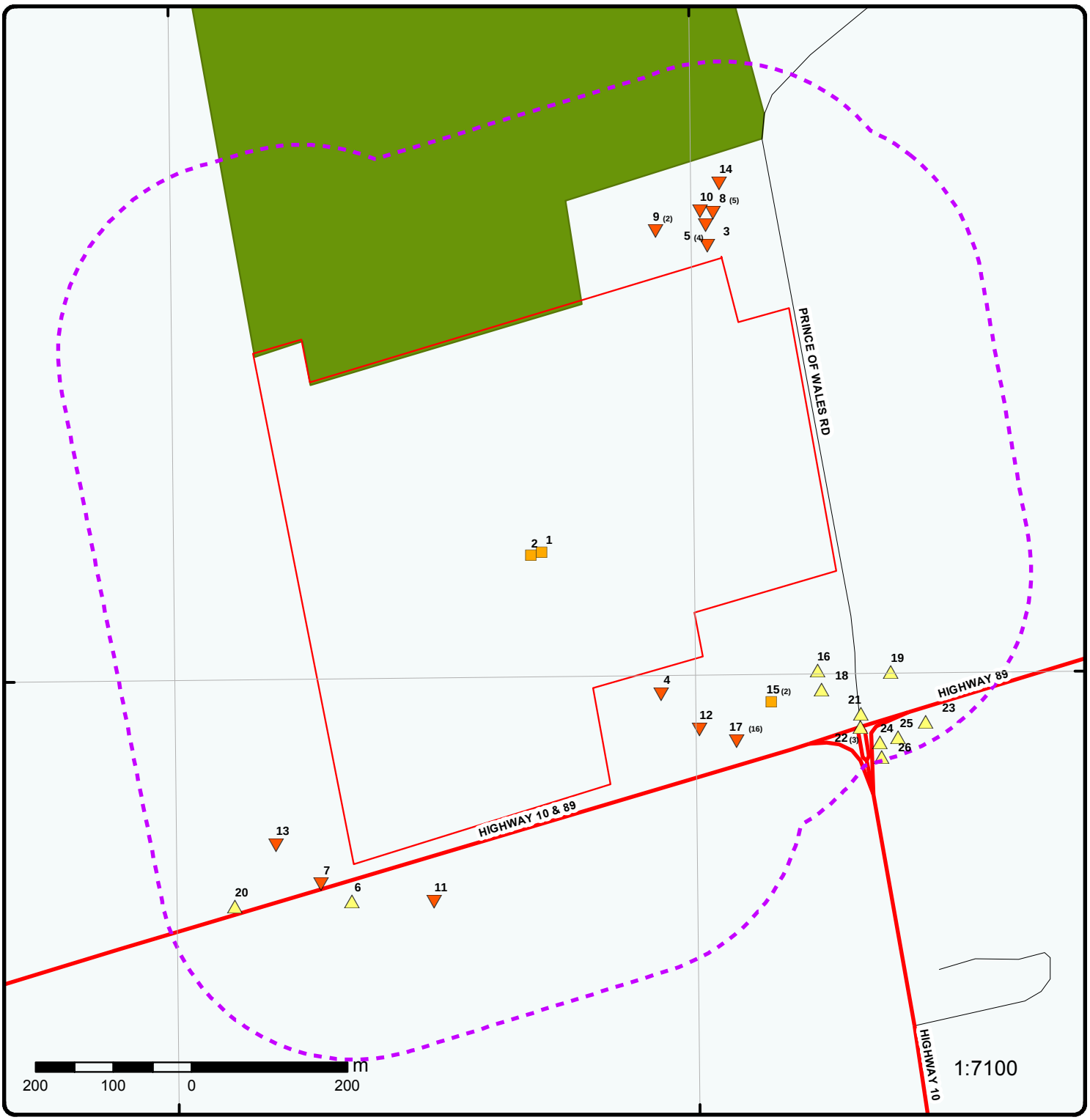
Site	Address	Distance (m)	Map Key
	PT 1 E1/2 2 MULMUR ON	0.0	2

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.

Site	Address	Distance (m)	Map Key
	lot 1 con 2 ON	20.5	3
	lot 1 con 2 ON	31.7	4
	lot 32 con 2 ON	47.0	6
	lot 32 con 2 ON	49.2	7
	lot 1 con 2 ON	57.6	9
	lot 1 con 2 ON	57.6	9
	lot 32 con 2 ON	75.6	11
	lot 1 con 2 ON	88.7	12
	lot 1 con 2 ON	94.4	14
	PRIMROSE ON	105.0	15
	PRIMROSE ON	105.0	15
	lot 1 con 2 ON	116.3	16
	lot 1 con 2 ON	140.8	18
	lot 1 con 1 ON	147.0	19
	lot 32 con 2 ON	161.2	20
	lot 32 con 1 ON	184.9	21
	lot 32 con 1 ON	224.9	23

Site	Address	Distance (m)	Map Key
	ON	226.2	24
	lot 32 con 1 ON	227.4	25



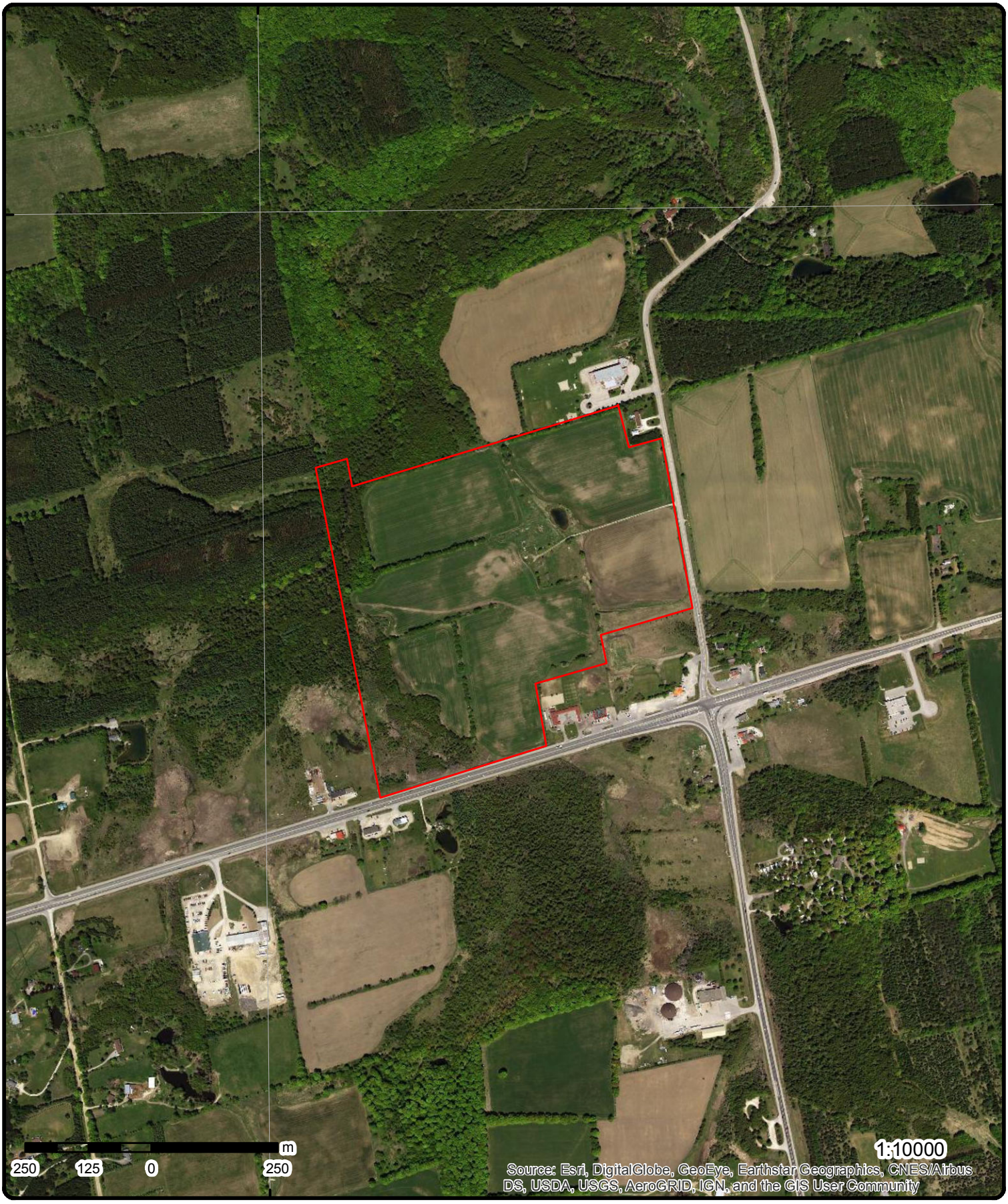
Map : 0.25 Kilometer Radius

Order No: 20180130057

Address: Prince Of Wales Rd W, Primrose, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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



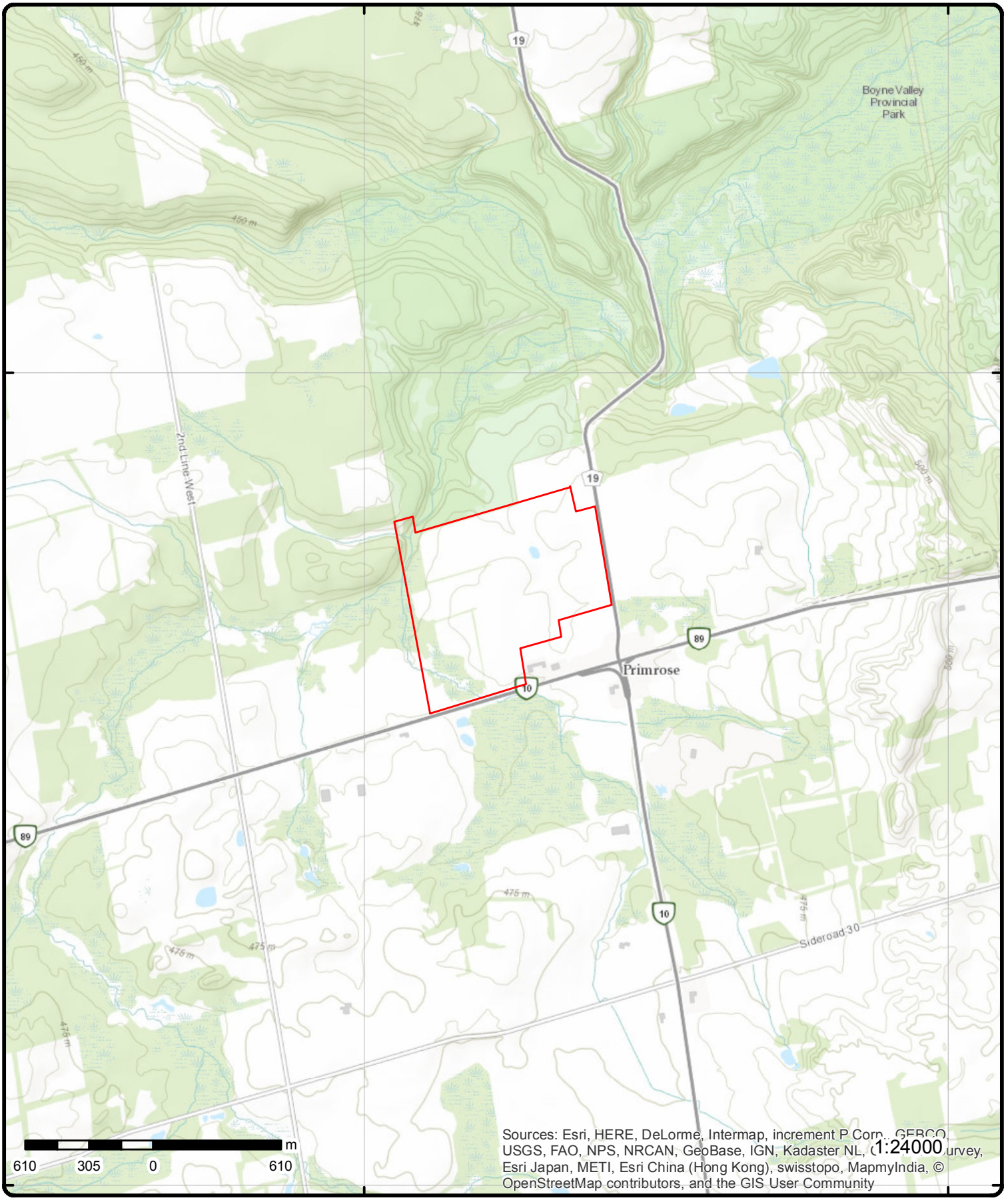
Aerial (2015)

Address: Prince Of Wales Rd W, Primrose, ON

Source: ESRI World Imagery

Order No: 20180130057

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: Prince Of Wales Rd W, Primrose, ON

Source: ESRI World Topographic Map

Order No: 20180130057

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	460.9	Primrose Dump Hornings Mills ON L0N 1J0	ANDR

Legal Description: Mulmur Con 2 WHS Lot 1e pt
Location Description: N of Highways 89, 10, 24, 350m NE of Primrose crossroads
Municipality: Mulmur Township
Current Municipality: Mulmur Township
RM: Dufferin County
Facility: Dump
Date Active: 1970s
Date Begun:
Date Complete: Apr 30 1974
Area (Ha):
Landfill Type:
Group Name:
Operated By:
Serial: MOEE a180904
NTS: 41A01
Diameter (m):

Historical Summary:

Primrose Dump MOEE 1994 Mulmur Con 2 lot 1e pt cited as a closed waste disposal site in (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093 95). Datapoint plots to Mulmur Con 2 WHS lot 1e pt. 1973 NTS Map 41A01 Not marked, site is N of Highways 89, 10, 24, 350m NE of Primrose crossroads [1973 NTS 1:50,000 Map Dundalk ON Sheet 41A01 Edition 3 (Air Photos 1969, culture check 1970, publication 1973)]. 1978 NTS Map 41A01 Not marked [1978 NTS 1:50,000 Map Dundalk ON Sheet 41A01 Edition 4 (Air Photos 1976, culture check 1976, information 1976, publication 1978)].

Waste Type:
UTM X Nad 27: 568500
UTM Y Nad 27: 4882350
UTM Zone: 17

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 1	-/0.0	460.9	PT 1 E1/2 2 MULMUR ON	WDSH

Site No.: A180904
Region: WESTCENTRAL
County: DUFFERIN
Concession: 2
Lot: PT 1 E1/2
Easting:: 568500
Northing:: 4882350
Zone:: 17
Date Closed: 1974/4/30
Status:: CLOSED
Classification:: B7 - POTENTIAL ENVIRONMENT IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED >20 YRS
%CommericialWste:: n/a
%DomesticWste Rec:: n/a
%LiquidWste Rec:: n/a
%HazardousWste Rec:: n/a
%Non-haz.Wste Rec:: n/a
%Sewage/Sludge Rec:: n/a

%Other Wste Rec:: n/a

---

3 | ***1 of 1*** | ***NNE/20.5*** | ***458.5*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1700993	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/23/1969
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3406
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MULMUR TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10059731	***Spatial Status:***	
DP2BR:	10	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	4
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	p4
Elevation:	459.209045	***Org CS:***	
Elevrc:		***Date Completed:***	5/13/1969
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931099513
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID:	931099514
Layer:	2

Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 52.00
Formation End Depth UOM: ft

Formation ID: 931099515
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 52.00
Formation End Depth: 69.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961700993
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10608301
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930109858
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930109859
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 69.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991700993
Pump Set At:	
Static Level:	6.00
Final Level After Pumping:	61.00
Recommended Pump Depth:	60.00
Pumping Rate:	5.00
Flowing Rate:	
Recommended Pump Rate:	4.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933499336
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	1 of 1	SE/31.7	459.9	lot 1 con 2 ON	WWIS

Well ID:	1700796	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/18/1961
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4703
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MULMUR TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10059534	***Spatial Status:***	
DP2BR:	24	***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:	460.264556	***Org CS:***	
Elevrc:		***Date Completed:***	7/28/1961
Remarks:			

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931098727
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: 15.00
Formation End Depth UOM: ft

Formation ID: 931098728
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Other Materials: GRAVEL
Mat3: 12
Other Materials: STONES
Formation Top Depth: 15.00
Formation End Depth: 24.00
Formation End Depth UOM: ft

Formation ID: 931098729
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 24.00
Formation End Depth: 55.00
Formation End Depth UOM: ft

Formation ID: 931098730
Layer: 4
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 55.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961700796
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10608104
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930109541
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

Results of Well Yield Testing

Pump Test ID:	991700796
Pump Set At:	
Static Level:	6.00
Final Level After Pumping:	28.00
Recommended Pump Depth:	25.00
Pumping Rate:	25.00
Flowing Rate:	
Recommended Pump Rate:	16.00
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:	933499128
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.00
Water Found Depth UOM:	ft

5	***1 of 4***	***NNE/45.1***	***456.9***	***Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8***	***GEN***

Generator No.:	ON4228377	**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:	212 L
Waste Description:	Aliphatic solvents and residues
Waste Code:	148 C
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 I
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	263 C
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 L
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 I
Waste Description:	Misc. waste organic chemicals

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5 ***2 of 4*** ***NNE/45.1*** ***456.9***

Upper Grand District School Board
Primrose Elementary School 636064 Prince of Wales, R.R. #4
Shelburne ON L0N 1S8

GEN

Generator No.:	ON4228377	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2016	**Choice of Contact:**	CO_ADMIN
Contam. Facility:	No	**Co Admin:**	Lorraine Millar
MHSW Facility:	No	**Phone No. Admin:**	(519) 822-4420 Ext.849
SIC Code:	611110		
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS		

--Details--

Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS

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5 ***3 of 4*** ***NNE/45.1*** ***456.9***

Upper Grand District School Board
Primrose Elementary School 636064 Prince of Wales, R.R. #4
Shelburne ON L0N 1S8

GEN

Generator No.:	ON4228377	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2015	**Choice of Contact:**	CO_ADMIN
Contam. Facility:	No	**Co Admin:**	Lorraine Millar
MHSW Facility:	No	**Phone No. Admin:**	(519) 822-4420 Ext.849
SIC Code:	611110		

SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

--Details--
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

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5 | **4 of 4** | **NNE/45.1** | **456.9** | **Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8** | **GEN**

Generator No.: ON4228377
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS
PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lorraine Millar
Phone No. Admin: (519) 822-4420 Ext.849

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

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6 | **1 of 1** | **SSW/47.0** | **461.5** | **lot 32 con 2 ON** | **WWIS**

Well ID: 1700955
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: 2/17/1969
Selected Flag: 1
Abandonment Rec:
Contractor: 3406
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MONO TOWNSHIP
Site Info:
Lot: 032
Concession: 02
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10059693	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:	o	**UTMRC:**	5
Code OB Desc:	Overburden	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	461.787231	**Org CS:**	
Elevrc:		**Date Completed:**	1/28/1969
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931099366
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:	30.00
Formation End Depth UOM:	ft

Formation ID:	931099367
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30.00
Formation End Depth:	40.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961700955
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10608263
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930109798
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991700955
Pump Set At:	
Static Level:	8.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	32.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	8.00
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:	30
Flowing:	N

Water Details

Water ID:	933499295
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40.00
Water Found Depth UOM:	ft

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7 ***1 of 1*** ***SSW/49.2*** ***460.2*** ***lot 32 con 2 ON*** ***WWIS***

Well ID:	1700671	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	1/2/1963
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3316
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MONO TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10059410	***Spatial Status:***	
DP2BR:	50	***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:	460.588378	***Org CS:***	
Elevrc:		***Date Completed:***	12/29/1962
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931098202
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:	37.00
Formation End Depth UOM:	ft

Formation ID:	931098203
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	37.00
Formation End Depth:	47.00
Formation End Depth UOM:	ft

Formation ID:	931098204
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	47.00
Formation End Depth:	50.00
Formation End Depth UOM:	ft

Formation ID:	931098205

Layer:	4
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	50.00
Formation End Depth:	60.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961700671
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10607980
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930109351
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930109352
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	50.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930109353
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991700671
Pump Set At:	
Static Level:	8.00
Final Level After Pumping:	15.00
Recommended Pump Depth:	30.00
Pumping Rate:	6.00
Flowing Rate:	
Recommended Pump Rate:	4.00
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

Water Details

Water ID:	933498992
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	47.00
Water Found Depth UOM:	ft

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8 ***1 of 5*** ***NNE/57.4*** ***456.9*** ***Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8*** ***GEN***

Generator No.:	ON4228377	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	2012	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:	611110		
SIC Description:	Elementary and Secondary Schools		

--Details--

Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS

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8 ***2 of 5*** ***NNE/57.4*** ***456.9*** ***Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON*** ***GEN***

Generator No.:	ON4228377	***PO Box No.:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:	611110		
SIC Description:	Elementary and Secondary Schools		

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

--Details--
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

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8 ***3 of 5*** ***NNE/57.4*** ***456.9*** ***Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON*** ***GEN***

Generator No.: ON4228377
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

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8 ***4 of 5*** ***NNE/57.4*** ***456.9*** ***Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON*** ***GEN***

Generator No.: ON4228377
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

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8 ***5 of 5*** ***NNE/57.4*** ***456.9*** ***Upper Grand District School Board Primrose Elementary School 636064 Prince of*** ***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				Wales, R.R. #4 Shelburne ON	

Generator No.: ON4228377
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

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

--Details--

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

9	1 of 2	NNE/57.6	457.0	lot 1 con 2 ON	WWIS

Well ID: 1704457
Construction Date:
Primary Water Use: Public
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 104269
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: 4/3/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 3406
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MULMUR TOWNSHIP
Site Info:
Lot: 001
Concession: 02
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10063155
DP2BR: 18
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 456.509948
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps
Org CS:
Date Completed: 6/20/1991

Overburden and Bedrock Materials Interval

Formation ID: 931114436
Layer: 1
Color: 6
General Color: BROWN
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: 931114437
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 2.00
Formation End Depth: 18.00
Formation End Depth UOM: ft

Formation ID: 931114438
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18.00
Formation End Depth: 38.00
Formation End Depth UOM: ft

Formation ID: 931114439
Layer: 4
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38.00
Formation End Depth: 44.00
Formation End Depth UOM: ft

Formation ID: 931114440
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 44.00
Formation End Depth: 47.00
Formation End Depth UOM: ft

Formation ID: 931114441
Layer: 6
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 47.00
Formation End Depth: 49.00
Formation End Depth UOM: ft

Formation ID: 931114442
Layer: 7
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49.00
Formation End Depth: 52.00
Formation End Depth UOM: ft

Formation ID: 931114443
Layer: 8
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 52.00
Formation End Depth: 83.00
Formation End Depth UOM: ft

Formation ID: 931114444
Layer: 9
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 83.00
Formation End Depth: 105.00
Formation End Depth UOM: ft

Formation ID: 931114445
Layer: 10
Color: 6

General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 105.00
Formation End Depth: 119.00
Formation End Depth UOM: ft

Formation ID: 931114446
Layer: 11
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 119.00
Formation End Depth: 120.00
Formation End Depth UOM: ft

Formation ID: 931114447
Layer: 12
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 120.00
Formation End Depth: 135.00
Formation End Depth UOM: ft

Formation ID: 931114448
Layer: 13
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 135.00
Formation End Depth: 137.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117987
Layer: 1
Plug From: 0.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961704457
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10611725
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930115436
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930115437
Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 137.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991704457
Pump Set At:
Static Level: 104.00
Final Level After Pumping: 111.00
Recommended Pump Depth: 15.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 125.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 24
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934118254
Test Type: Draw Down
Test Duration: 15
Test Level: 108.00
Test Level UOM: ft

Pump Test Detail ID:	934400192
Test Type:	Draw Down
Test Duration:	30
Test Level:	108.00
Test Level UOM:	ft
Pump Test Detail ID:	934660651
Test Type:	Draw Down
Test Duration:	45
Test Level:	108.00
Test Level UOM:	ft
Pump Test Detail ID:	934919207
Test Type:	Draw Down
Test Duration:	60
Test Level:	108.00
Test Level UOM:	ft

Water Details

Water ID:	933503417
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	20.00
Water Found Depth UOM:	ft

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9 ***2 of 2*** ***NNE/57.6*** ***457.0*** ***lot 1 con 2 ON*** ***WWIS***

Well ID:	1704456	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Public	***Date Received:***	4/3/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3406
Casing Material:		***Form Version:***	1
Audit No:	104283	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MULMUR TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10063154	***Spatial Status:***	
DP2BR:	18	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	gps
Elevation:	456.483367	***Org CS:***	
Elevrc:		***Date Completed:***	9/30/1991
Remarks:			
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931114428
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: 931114429
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 2.00
Formation End Depth: 18.00
Formation End Depth UOM: ft

Formation ID: 931114430
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18.00
Formation End Depth: 38.00
Formation End Depth UOM: ft

Formation ID: 931114431
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38.00
Formation End Depth: 82.00
Formation End Depth UOM: ft

Formation ID: 931114432

Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 82.00
Formation End Depth: 105.00
Formation End Depth UOM: ft

Formation ID: 931114433
Layer: 6
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 105.00
Formation End Depth: 119.00
Formation End Depth UOM: ft

Formation ID: 931114434
Layer: 7
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 119.00
Formation End Depth: 136.00
Formation End Depth UOM: ft

Formation ID: 931114435
Layer: 8
Color: 4
General Color: GREEN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 136.00
Formation End Depth: 140.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117986
Layer: 1
Plug From: 0.00
Plug To: 40.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961704456
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10611724
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930115434
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930115435
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 140.00
Casing Diameter: 7.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991704456
Pump Set At:
Static Level: 109.00
Final Level After Pumping: 124.00
Recommended Pump Depth: 140.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 10.00
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

Draw Down & Recovery

Pump Test Detail ID: 934118253
Test Type: Draw Down
Test Duration: 15
Test Level: 124.00

Test Level UOM:	ft
Pump Test Detail ID:	934400191
Test Type:	Draw Down
Test Duration:	30
Test Level:	125.00
Test Level UOM:	ft
Pump Test Detail ID:	934660650
Test Type:	Draw Down
Test Duration:	45
Test Level:	125.00
Test Level UOM:	ft
Pump Test Detail ID:	934919206
Test Type:	Draw Down
Test Duration:	60
Test Level:	124.00
Test Level UOM:	ft

10 | **1 of 1** | **NNE/64.6** | **455.5** | **Upper Grand District School Board Primrose Elementary School 636064 Prince of Wales, R.R. #4 Shelburne ON L0N 1S8** | **GEN**

Generator No.:	ON4228377	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	05,06,07,08	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	611110		
SIC Description:	Elementary and Secondary Schools		

--Details--

Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS

11 | **1 of 1** | **SSW/75.6** | **459.3** | **lot 32 con 2 ON** | **WWIS**

Well ID:	1701409	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/22/1973
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3406
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DUFFERIN
Elevation (m):		**Municipality:**	MONO TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	HS W
Pump Rate:		**Easting NAD83:**	

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10060139	***Spatial Status:***	
DP2BR:	38	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	4
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	p4
Elevation:	459.570404	***Org CS:***	
Elevrc:		***Date Completed:***	9/28/1972
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931101134
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	03
Most Common Material:	MUCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	8.00
Formation End Depth UOM:	ft

Formation ID:	931101135
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	8.00
Formation End Depth:	38.00
Formation End Depth UOM:	ft

Formation ID:	931101136
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38.00

Formation End Depth: 47.00
Formation End Depth UOM: ft

Formation ID: 931101137
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 47.00
Formation End Depth: 57.00
Formation End Depth UOM: ft

Formation ID: 931101138
Layer: 5
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 57.00
Formation End Depth: 75.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961701409
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10608709
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930110525
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930110526
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	75.00
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991701409
Pump Set At:	
Static Level:	10.00
Final Level After Pumping:	45.00
Recommended Pump Depth:	45.00
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934118142
Test Type:	Recovery
Test Duration:	15
Test Level:	10.00
Test Level UOM:	ft
Pump Test Detail ID:	934401751
Test Type:	Recovery
Test Duration:	30
Test Level:	10.00
Test Level UOM:	ft
Pump Test Detail ID:	934662131
Test Type:	Recovery
Test Duration:	45
Test Level:	10.00
Test Level UOM:	ft
Pump Test Detail ID:	934919605
Test Type:	Recovery
Test Duration:	60
Test Level:	10.00
Test Level UOM:	ft

Water Details

Water ID:	933499793
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	*1 of 1*	*SE/88.7*	*459.9*	*lot 1 con 2 ON*	*WWIS*

Well ID:	1701361	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	11/1/1972
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3406
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DUFFERIN
Elevation (m):		**Municipality:**	MULMUR TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	HS W
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:	10060093	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:	o	**UTMRC:**	4
Code OB Desc:	Overburden	**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	p4
Elevation:	460.047821	**Org CS:**	
Elevrc:		**Date Completed:**	8/7/1972
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931100970
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:	19.00
Formation End Depth UOM:	ft

Formation ID:	931100971
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 19.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961701361
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10608663
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930110442
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991701361
Pump Set At:
Static Level: 3.00
Final Level After Pumping: 23.00
Recommended Pump Depth: 22.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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

Draw Down & Recovery

Pump Test Detail ID: 934118102
Test Type: Recovery
Test Duration: 15
Test Level: 3.00
Test Level UOM: ft

Pump Test Detail ID: 934401710
Test Type: Recovery
Test Duration: 30

Test Level:	3.00
Test Level UOM:	ft
Pump Test Detail ID:	934661673
Test Type:	Recovery
Test Duration:	45
Test Level:	3.00
Test Level UOM:	ft
Pump Test Detail ID:	934919564
Test Type:	Recovery
Test Duration:	60
Test Level:	3.00
Test Level UOM:	ft

Water Details

Water ID:	933499732
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	28.00
Water Found Depth UOM:	ft

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13 | ***1 of 1*** | ***SW/92.7*** | ***457.8*** | ***Hwy 89 & Hwy 10: Conc 2, Part Lot 1 RP7R2940 and Part Lot 1 & 2 Shelburne ON*** | ***EHS***

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110504022
Addit. Info Ordered::	
Report Date:	5/13/2011
Report Type:	Standard Report
Search Radius (km):	0.25

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14 | ***1 of 1*** | ***NNE/94.4*** | ***455.5*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1704696	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Not Used	**Date Received:**	2/7/1994
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Abandoned-Quality	**Abandonment Rec:**	
Water Type:		**Contractor:**	3406
Casing Material:		**Form Version:**	1
Audit No:	124590	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DUFFERIN
Elevation (m):		**Municipality:**	MULMUR TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	HS W
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:	10063392	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	_	***UTMRC:***	3
Code OB Desc:	No formation data	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	gps
Elevation:	455.467163	***Org CS:***	
Elevrc:		***Date Completed:***	11/4/1993
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933118123
Layer:	1
Plug From:	0.00
Plug To:	2.00
Plug Depth UOM:	ft

Plug ID:	933118124
Layer:	2
Plug From:	2.00
Plug To:	115.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961704696
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10611962
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930115823
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	20.00
Casing Diameter:	8.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
15	1 of 2	SE/105.0	460.9	PRIMROSE ON	WWIS

Well ID:	7220804	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	5/27/2014
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	
Water Type:		**Contractor:**	7190
Casing Material:		**Form Version:**	7
Audit No:	Z153911	**Owner:**	
Tag:	A132098	**Street Name:**	506269 HWY 89
Construction Method:		**County:**	DUFFERIN
Elevation (m):		**Municipality:**	MULMUR TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004779481	**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:	460.850952	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	6/7/2013
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005172117
Layer:	1
Plug From:	0.00
Plug To:	9.00
Plug Depth UOM:	ft

Plug ID:	1005172118
Layer:	2
Plug From:	9.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005172116
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1005172110
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005172114
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005172115
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1005172113
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005172112
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

15	***2 of 2***	***SE/105.0***	***460.9***	***PRIMROSE ON***	***WWIS***

Well ID:	7188117	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	9/27/2012
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7190
Casing Material:		***Form Version:***	7
Audit No:	Z146879	***Owner:***	

Tag:	A132098	***Street Name:***	506269 HIGHWAY 89
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MULMUR TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004165869	***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:	460.850952	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	8/23/2012
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004453683
Layer:	1
Color:	6
General Color:	BROWN
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:	1004453684
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	1.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID:	1004453685
Layer:	3
Color:	2

General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	10.00
Formation End Depth:	20.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004453694
Layer:	1
Plug From:	0.00
Plug To:	1.00
Plug Depth UOM:	ft

Plug ID:	1004453695
Layer:	2
Plug From:	1.00
Plug To:	8.00
Plug Depth UOM:	ft

Plug ID:	1004453696
Layer:	3
Plug From:	8.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004453693
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1004453682
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004453689
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-3.00
Depth To:	1.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	1004453690
Layer:	2
Material:	5

Open Hole or Material:	PLASTIC
Depth From:	-2.75
Depth To:	10.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004453691
Layer:	1
Slot:	010
Screen Top Depth:	10.00
Screen End Depth:	20.00
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.12

Water Details

Water ID:	1004453688
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	10.00
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1004453686
Diameter:	12.00
Depth From:	0.00
Depth To:	1.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole ID:	1004453687
Diameter:	6.00
Depth From:	1.00
Depth To:	20.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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16 ***1 of 1*** ***ESE/116.3*** ***461.0*** ***lot 1 con 2 ON*** ***WWIS***

Well ID:	7262324	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	4/29/2016
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	7564
Casing Material:		***Form Version:***	7
Audit No:	Z197152	***Owner:***	
Tag:	A172606	***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MULMUR TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1005942821	***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:	461.848144	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	8/5/2015
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006071036
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	1.80
Formation End Depth UOM:	m

Formation ID:	1006071037
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.80
Formation End Depth:	6.09
Formation End Depth UOM:	m

Formation ID:	1006071038
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	6.09
Formation End Depth:	8.22
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006071071
Layer:	1
Plug From:	0.00
Plug To:	6.10
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006071070
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006071034
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006071043
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.45
Depth To:	7.31
Casing Diameter:	15.24
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006071044
Layer:	1
Slot:	14
Screen Top Depth:	7.31
Screen End Depth:	8.22
Screen Material:	1
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	12.70

Results of Well Yield Testing

Pump Test ID:	1006071035
Pump Set At:	8.22
Static Level:	2.81
Final Level After Pumping:	5.75
Recommended Pump Depth:	8.22
Pumping Rate:	9.09
Flowing Rate:	

Recommended Pump Rate:	9.09
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	1006071045
Test Type:	Draw Down
Test Duration:	1
Test Level:	4.73
Test Level UOM:	m

Pump Test Detail ID:	1006071046
Test Type:	Recovery
Test Duration:	1
Test Level:	5.29
Test Level UOM:	m

Pump Test Detail ID:	1006071048
Test Type:	Recovery
Test Duration:	2
Test Level:	4.55
Test Level UOM:	m

Pump Test Detail ID:	1006071047
Test Type:	Draw Down
Test Duration:	2
Test Level:	4.89
Test Level UOM:	m

Pump Test Detail ID:	1006071049
Test Type:	Draw Down
Test Duration:	3
Test Level:	4.89
Test Level UOM:	m

Pump Test Detail ID:	1006071050
Test Type:	Recovery
Test Duration:	3
Test Level:	4.04
Test Level UOM:	m

Pump Test Detail ID:	1006071052
Test Type:	Recovery
Test Duration:	4
Test Level:	3.91
Test Level UOM:	m

Pump Test Detail ID:	1006071051
Test Type:	Draw Down
Test Duration:	4
Test Level:	4.89
Test Level UOM:	m

Pump Test Detail ID:	1006071054
Test Type:	Recovery
Test Duration:	5
Test Level:	3.84
Test Level UOM:	m

Pump Test Detail ID: 1006071053
Test Type: Draw Down
Test Duration: 5
Test Level: 4.83
Test Level UOM: m

Pump Test Detail ID: 1006071056
Test Type: Recovery
Test Duration: 10
Test Level: 3.42
Test Level UOM: m

Pump Test Detail ID: 1006071055
Test Type: Draw Down
Test Duration: 10
Test Level: 4.83
Test Level UOM: m

Pump Test Detail ID: 1006071057
Test Type: Draw Down
Test Duration: 15
Test Level: 5.35
Test Level UOM: m

Pump Test Detail ID: 1006071058
Test Type: Recovery
Test Duration: 15
Test Level: 3.16
Test Level UOM: m

Pump Test Detail ID: 1006071059
Test Type: Draw Down
Test Duration: 20
Test Level: 5.44
Test Level UOM: m

Pump Test Detail ID: 1006071060
Test Type: Recovery
Test Duration: 20
Test Level: 3.02
Test Level UOM: m

Pump Test Detail ID: 1006071062
Test Type: Recovery
Test Duration: 25
Test Level: 2.94
Test Level UOM: m

Pump Test Detail ID: 1006071061
Test Type: Draw Down
Test Duration: 25
Test Level: 5.45
Test Level UOM: m

Pump Test Detail ID: 1006071064
Test Type: Recovery
Test Duration: 30
Test Level: 2.90
Test Level UOM: m

Pump Test Detail ID: 1006071063
Test Type: Draw Down
Test Duration: 30
Test Level: 5.48
Test Level UOM: m

Pump Test Detail ID: 1006071065
Test Type: Draw Down
Test Duration: 40
Test Level: 5.57
Test Level UOM: m

Pump Test Detail ID: 1006071066
Test Type: Recovery
Test Duration: 40
Test Level: 2.86
Test Level UOM: m

Pump Test Detail ID: 1006071067
Test Type: Draw Down
Test Duration: 50
Test Level: 5.66
Test Level UOM: m

Pump Test Detail ID: 1006071068
Test Type: Draw Down
Test Duration: 60
Test Level: 5.75
Test Level UOM: m

Water Details

Water ID: 1006071042
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 7.92
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006071039
Diameter: 25.40
Depth From: 0.00
Depth To: 6.10
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole ID: 1006071040
Diameter: 15.24
Depth From: 6.10
Depth To: 7.31
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole ID: 1006071041
Diameter: 12.70
Depth From: 7.31
Depth To: 8.22
Hole Depth UOM: m
Hole Diameter UOM: cm

17	*1 of 16*	*SE/116.6*	*460.1*	***1750317 ONTARIO INC O/A GAS STN*** ***506255 HWY 89 @ HWY 10*** ***SHELBOURNE ON L0N 1S0***	*EXP*

Instance No: 11473845
Instance ID:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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:		6/28/2007			
17	2 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	EXP
Instance No:		10931444			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		6/28/2007			
17	3 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON	EXP
Instance No:		11473865			
Instance ID:		85923			
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Liquid Fuel Tank			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
17	4 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON	EXP
Instance No:		11476670			
Instance ID:		86798			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
17	5 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	EXP
Instance No:		10931444			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Full Serve			
Status:		EXPIRED			

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

TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 6/28/2007

17	6 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	EXP

Instance No: 11473820
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: 6/28/2007

17	7 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	EXP

Instance No: 11473820
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 6/28/2007

17	8 of 16	SE/116.6	460.1	JOHNNY GIWARGIS O/A 1682383 ONTARIO LTD 506255 HWY 89 @ HWY 10 SHELBOURNE ON	EXP

Instance No: 42130049
Instance ID: 312651
Instance Type: FS Facility
Description: FS Cylinder Exchange
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

17	9 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	EXP

Instance No: 11473865
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

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Expired Date:		6/28/2007			

17	10 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON	EXP

Instance No:	11473845
Instance ID:	86428
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

17	11 of 16	SE/116.6	460.1	SUNCOR ENERGY PRODUCTS PARTNERSHIP 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	FST

Instance No:	50151012
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2007
Parent Facility Type:	FS Gasoline Station - Full Serve
Facility Type:	FS Liquid Fuel Tank

17	12 of 16	SE/116.6	460.1	SUNCOR ENERGY PRODUCTS PARTNERSHIP 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	FST

Instance No:	50151014
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	50000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2007
Parent Facility Type:	FS Gasoline Station - Full Serve
Facility Type:	FS Liquid Fuel Tank

17	13 of 16	SE/116.6	460.1	SUNCOR ENERGY PRODUCTS PARTNERSHIP 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	FST

Instance No:	50151009
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active

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

Capacity: 50000
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Double Wall UST
Install Year: 2007
Parent Facility Type: FS Gasoline Station - Full Serve
Facility Type: FS Liquid Fuel Tank

17	14 of 16	SE/116.6	460.1	SUNCOR ENERGY PRODUCTS PARTNERSHIP 506255 HWY 89 @ HWY 10 SHELBOURNE ON L0N 1S0	FST

Instance No: 50151013
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Diesel
Status: Active
Capacity: 25000
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Double Wall UST
Install Year: 2007
Parent Facility Type: FS Gasoline Station - Full Serve
Facility Type: FS Liquid Fuel Tank

17	15 of 16	SE/116.6	460.1	1750317 ONTARIO INC O/A GAS STN 506255 HWY 89 @ HWY 10 SHELBOURNE ON	FSTH

License Issue Date: 6/16/2008 1:04:00 PM
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

--Details--
Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Diesel

Status: Active
Year of Installation: 2007
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
17	16 of 16	SE/116.6	460.1	JOHNNY GIWARGIS 506255 HWY 89 @ HWY 10 SHELBOURNE ON	FSTH

License Issue Date: 10/5/2006
Tank Status: Pending Renewal
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

--Details--
Status: Removed
Year of Installation: 1989
Corrosion Protection:
Capacity: 35000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1988
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1983
Corrosion Protection:
Capacity: 35000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1983
Corrosion Protection:
Capacity: 35000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	1 of 1	ESE/140.8	461.9	lot 1 con 2 ON	WWIS

Well ID: 1703044
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/7/1984
Selected Flag: 1
Abandonment Rec:
Contractor: 3813
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MULMUR TOWNSHIP
Site Info:
Lot: 001
Concession: 02
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10061745	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:	o	**UTMRC:**	3
Code OB Desc:	Overburden	**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	gps
Elevation:	461.967224	**Org CS:**	
Elevrc:		**Date Completed:**	4/13/1984
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931107849
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:	3.00
Formation End Depth UOM:	ft

Formation ID:	931107850
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.00
Formation End Depth:	17.00
Formation End Depth UOM:	ft

Formation ID:	931107851
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	17.00
Formation End Depth:	27.00
Formation End Depth UOM:	ft

Formation ID:	931107852
Layer:	4
Color:	
General Color:	
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27.00
Formation End Depth:	34.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961703044
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10610315
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930112985
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	34.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991703044
Pump Set At:	
Static Level:	3.00
Final Level After Pumping:	10.00
Recommended Pump Depth:	28.00
Pumping Rate:	11.00
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:	2
Pumping Duration HR:	40
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934114336
Test Type:	Draw Down
Test Duration:	15
Test Level:	10.00
Test Level UOM:	ft

Pump Test Detail ID: 934396853
Test Type: Draw Down
Test Duration: 30
Test Level: 10.00
Test Level UOM: ft

Pump Test Detail ID: 934657345
Test Type: Draw Down
Test Duration: 45
Test Level: 10.00
Test Level UOM: ft

Pump Test Detail ID: 934915789
Test Type: Draw Down
Test Duration: 60
Test Level: 10.00
Test Level UOM: ft

Water Details

Water ID: 933501631
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 34.00
Water Found Depth UOM: ft

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19 ***1 of 1*** ***ESE/147.0*** ***462.9*** ***lot 1 con 1 ON*** ***WWIS***

Well ID: 1704424
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 111242
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: 2/7/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 3602
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MULMUR TOWNSHIP
Site Info:
Lot: 001
Concession: 01
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10063122
DP2BR:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Elevation: 463.41632
Elevrc:
Remarks:
Elevrc Desc:

Spatial Status:
Cluster Kind:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps
Org CS:
Date Completed: 11/20/1991

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931114239
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.00
Formation End Depth UOM: ft

Formation ID: 931114240
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 87
Other Materials: STONEY
Formation Top Depth: 4.00
Formation End Depth: 18.00
Formation End Depth UOM: ft

Formation ID: 931114241
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Other Materials: STICKY
Mat3:
Other Materials:
Formation Top Depth: 18.00
Formation End Depth: 35.00
Formation End Depth UOM: ft

Formation ID: 931114242
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 91
Other Materials: WATER-BEARING
Mat3:
Other Materials:
Formation Top Depth: 35.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	933117968
Layer:	1
Plug From:	8.00
Plug To:	10.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961704424
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10611692
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930115374
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933328409
Layer:	1
Slot:	020
Screen Top Depth:	38.00
Screen End Depth:	41.00
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.00

Results of Well Yield Testing

Pump Test ID:	991704424
Pump Set At:	
Static Level:	12.00
Final Level After Pumping:	34.00
Recommended Pump Depth:	35.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	8.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1

Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934118227
Test Type:	Draw Down
Test Duration:	15
Test Level:	34.00
Test Level UOM:	ft
Pump Test Detail ID:	934400169
Test Type:	Draw Down
Test Duration:	30
Test Level:	34.00
Test Level UOM:	ft
Pump Test Detail ID:	934660628
Test Type:	Draw Down
Test Duration:	45
Test Level:	34.00
Test Level UOM:	ft
Pump Test Detail ID:	934919185
Test Type:	Draw Down
Test Duration:	60
Test Level:	34.00
Test Level UOM:	ft

Water Details

Water ID:	933503365
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.00
Water Found Depth UOM:	ft

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20 ***1 of 1*** ***SW/161.2*** ***461.1*** ***lot 32 con 2 ON*** ***WWIS***

Well ID:	1700670	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	3/30/1960
Sec. Water Use:	Domestic	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5416
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MONO TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10059409	***Spatial Status:***	
DP2BR:	42	***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:	461.992797	***Org CS:***	
Elevrc:		***Date Completed:***	1/25/1960
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931098199
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:	42.00
Formation End Depth UOM:	ft

Formation ID:	931098200
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42.00
Formation End Depth:	56.00
Formation End Depth UOM:	ft

Formation ID:	931098201
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	56.00
Formation End Depth:	111.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961700670
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10607979
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930109349
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930109350
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	111.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991700670
Pump Set At:	
Static Level:	21.00
Final Level After Pumping:	21.00
Recommended Pump Depth:	21.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	8.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	5
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933498991
Layer:	1
Kind Code:	1
Kind:	FRESH

Water Found Depth: 100.00
Water Found Depth UOM: ft

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21 | **1 of 1** | **ESE/184.9** | **462.9** | **lot 32 con 1 ON** | **WWIS**

Well ID: 1700629
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
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: 7/24/1952
Selected Flag: 1
Abandonment Rec:
Contractor: 1329
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MONO TOWNSHIP
Site Info:
Lot: 032
Concession: 01
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10059368
DP2BR: 84
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 462.809906
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Org CS:
Date Completed: 6/28/1951

Overburden and Bedrock Materials Interval

Formation ID: 931098076
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: 84.00
Formation End Depth UOM: ft

Formation ID: 931098077
Layer: 2

Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	84.00
Formation End Depth:	87.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961700629
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10607938
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930109281
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	87.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991700629
Pump Set At:	
Static Level:	20.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	
Pumping Rate:	6.00
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:	
Pumping Duration MIN:	
Flowing:	N

Water Details

Water ID:	933498947
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		87.00			
Water Found Depth UOM:		ft			
22	1 of 3	ESE/200.8	462.9	AMARJIT TATLA (635016 ONTARIO INC.) R.R. NO. 4. HIGHWAY # 10/24 ORANGEVILLE TOWN ON	CA
Certificate #:		4-0001-91-			
Application Year:		91			
Issue Date:		12/11/1991			
Approval Type:		Industrial wastewater			
Status:		Cancelled			
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::		GROUNDWATER RECOVERY & TREATMENT SYSTEM			
Contaminants::					
Emission Control::					
22	2 of 3	ESE/200.8	462.9	RENEGADE FUELS TONY BURGLER HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON	PRT
Location ID:		13354			
Type:		retail			
Expiry Date:		1995-08-31			
Capacity (L):		24967			
Licence #:		0076425792			
22	3 of 3	ESE/200.8	462.9	TRANSPORT TRUCK ON HWY 89 AT HWY 10 MOTOR VEHICLE (OPERATING FLUID) MONO TOWNSHIP ON	SPL
Ref No:	176544			**Site Address:**	
Contaminant Name:				**Site Conc:**	
Contaminant Code:				**Site Lot:**	
Contaminant Limit 1:				**Site County/District:**	
Contam. Limit Freq 1:				**Site Municipality:**	43605
Contaminant UN No 1:				**Site Postal Code:**	
Contaminant Qty:				**Sector Type:**	
MOE Reported Dt:	1/10/2000			**Source Type:**	
Health/Env Conseq:				**Receiving Medium:**	LAND
Incident Dt:	1/10/2000			**Receiving Env:**	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT			**Environment Impact:**	NOT ANTICIPATED
Incident Event:				**Nature of Impact:**	
Incident Reason:	UNKNOWN			**SAC Action Class:**	
Incident Summary:	531429 ONTARIO LTD.: UNK QTY DIESEL TO HWY FROM TRUCK SADDLE TANK,CONTAIN				
23	1 of 1	ESE/224.9	464.9	lot 32 con 1 ON	WWIS
Well ID:	1701131			**Data Entry Status:**	
Construction Date:				**Data Src:**	1

Primary Water Use:	Domestic	***Date Received:***	10/7/1970
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1830
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MONO TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10059866	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	4
Code OB Desc:	Overburden	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	p4
Elevation:	464.415557	***Org CS:***	
Elevrc:		***Date Completed:***	10/1/1970
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931100083
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	1.00
Formation End Depth UOM:	ft

Formation ID:	931100084
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.00

Formation End Depth:	18.00
Formation End Depth UOM:	ft
Formation ID:	931100085
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	18.00
Formation End Depth:	20.00
Formation End Depth UOM:	ft
Formation ID:	931100086
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20.00
Formation End Depth:	28.00
Formation End Depth UOM:	ft
Formation ID:	931100087
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	28.00
Formation End Depth:	30.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961701131
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10608436
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930110066

Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	30.00
Casing Diameter:	30.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991701131
Pump Set At:	
Static Level:	18.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	28.00
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	1.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934117498
Test Type:	Recovery
Test Duration:	15
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934401107
Test Type:	Recovery
Test Duration:	30
Test Level:	19.00
Test Level UOM:	ft

Pump Test Detail ID:	934661070
Test Type:	Recovery
Test Duration:	45
Test Level:	18.00
Test Level UOM:	ft

Pump Test Detail ID:	934918544
Test Type:	Recovery
Test Duration:	60
Test Level:	18.00
Test Level UOM:	ft

Water Details

Water ID:	933499486
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
24	1 of 1	ESE/226.2	462.9	ON	WWIS

Well ID:	1703667	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/13/1988
Sec. Water Use:	Commerical	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4645
Casing Material:		**Form Version:**	1
Audit No:	30977	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DUFFERIN
Elevation (m):		**Municipality:**	MONO TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	HS W
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:	10062366	**Spatial Status:**	
DP2BR:	44	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	3
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	gps
Elevation:	463.057769	**Org CS:**	
Elevrc:		**Date Completed:**	7/20/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931110620
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	30.00
Formation End Depth UOM:	ft

Formation ID:	931110621
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	06
Other Materials:	SILT
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	30.00
Formation End Depth:	44.00
Formation End Depth UOM:	ft
Formation ID:	931110622
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	77
Other Materials:	LOOSE
Mat3:	
Other Materials:	
Formation Top Depth:	44.00
Formation End Depth:	45.00
Formation End Depth UOM:	ft
Formation ID:	931110623
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	45.00
Formation End Depth:	45.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933117647
Layer:	1
Plug From:	37.00
Plug To:	41.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961703667
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10610936
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930114083
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933328335
Layer:	1
Slot:	020
Screen Top Depth:	41.00
Screen End Depth:	45.00
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	10.00

Results of Well Yield Testing

Pump Test ID:	991703667
Pump Set At:	
Static Level:	6.00
Final Level After Pumping:	36.00
Recommended Pump Depth:	36.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	6.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933502386
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45.00
Water Found Depth UOM:	ft

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25 ***1 of 1*** ***ESE/227.4*** ***464.0*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	1703166	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/1/1985
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3602
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	

Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MONO TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
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:	10061867	***Spatial Status:***	
DP2BR:	40	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	gps
Elevation:	463.555725	***Org CS:***	
Elevrc:		***Date Completed:***	9/19/1985
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931108351
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	931108352
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	3.00
Formation End Depth:	40.00
Formation End Depth UOM:	ft

Formation ID:	931108353
Layer:	3
Color:	1

General Color:	WHITE
Mat1:	17
Most Common Material:	SHALE
Mat2:	05
Other Materials:	CLAY
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	40.00
Formation End Depth:	48.00
Formation End Depth UOM:	ft
Formation ID:	931108354
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Other Materials:	LAYERED
Mat3:	
Other Materials:	
Formation Top Depth:	48.00
Formation End Depth:	60.00
Formation End Depth UOM:	ft
Formation ID:	931108355
Layer:	5
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	60.00
Formation End Depth:	80.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961703166
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10610437
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930113193
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48.00
Casing Diameter:	6.00

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991703166
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	55.00
Recommended Pump Depth:	60.00
Pumping Rate:	6.00
Flowing Rate:	
Recommended Pump Rate:	4.00
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

Draw Down & Recovery

Pump Test Detail ID:	934114826
Test Type:	Draw Down
Test Duration:	15
Test Level:	55.00
Test Level UOM:	ft
Pump Test Detail ID:	934397328
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.00
Test Level UOM:	ft
Pump Test Detail ID:	934657819
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.00
Test Level UOM:	ft
Pump Test Detail ID:	934915865
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.00
Test Level UOM:	ft

Water Details

Water ID:	933501775
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
26	*1 of 1*	*ESE/245.0*	*462.9*	***1921137 Ontario Inc.*** ***635721 Highway #10 Mono County of Dufferin*** ***L9V 0Z8 TOWN OF MONO*** ***ON***	*EBR*

EBR Registry No.:	013-1261
Ministry Ref. No.:	3964-APTKPN
Year:	2017
Proposal Date:	August 14, 2017
Notice Date:	August 14, 2017
Notice Type:	Instrument Proposal
Proponent Address:	11 Radley Street, Vaughan Ontario, Canada L4L 8J7
Instrument Type:	(EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)
Location:	635721 Highway #10 Mono County of Dufferin L9V 0Z8 TOWN OF MONO
Location Other:	

Unplottable Summary

Total: 75 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 32 Con 2	Mulmur ON	
AAGR		Lot 32 Con 1	Mulmur ON	
AAGR		Lot 2 Con 1	Mulmur ON	
AAGR		Lot 2 Con 2E	Mono ON	
CA	COX CONSTRUCTION LIMITED	LOT 1 CONC. 2EHS	MULMUR TWP. ON	
CA	911102 Ontario Limited	Part of West Half of Lot 2, Concession 2	Shelburne ON	
CA	The Corporation of the Town of Shelburne	Part of West Half of Lot 2, Concession 2	Shelburne ON	
CA	Vandyk-Fiddlers Shelburne Heights Inc.	Part of the west half of Lot 2, Concession 2	Shelburne ON	
CFOT	MONTI EGAN	MONO ROAD 10, LOT 11, CONC. 1, WHS	MONO DUFFERIN COUNTY ON	L9W 2Z1
ECA	The Hi-Rise Group (Toronto) Inc.	506312 Highway No. 89 E	Shelburne ON	M4P 2Y3
EXP	PATEL GAS BAR	HWY 10 & 89LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	K & K ENTERPRISES	LOT 1 CON 1 HWY 10	SHELBURN ON	
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	
EXP	PATEL GAS BAR	HWY 10 & 89LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	PATEL GAS BAR	HWY 10 & 89LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	PATEL GAS BAR	HWY 10 & 89LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	PATEL GAS BAR	HWY 10 & 89LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0

EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	
EXP	PATEL GAS BAR	HWY 10 & 89 LOT 32 CON 1 WHS	PRIMROSE ON	K0H 1W0
GEN	DUFFERIN, COUNTY OF	LOT 32, CONCESSION 2 R. R. #4	WHS MONO TOWNSHIP ON	
GEN	DUFFERIN, COUNTY OF	LOT 32, CONCESSION 2 R. R. #4	WHS MONO TOWNSHIP ON	
GEN	DUFFERIN, COUNTY OF	LOT 32, CONCESSION 2 R. R. #4	WHS MONO TOWNSHIP ON	
GEN	DUFFERIN, COUNTY OF	LOT 32, CONCESSION 2 R. R. #4	WHS MONO TOWNSHIP ON	
GEN	DUFFERIN, COUNTY OF	LOT 32, CONCESSION 2 R. R. #4	WHS MONO TOWNSHIP ON	
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	L0N 1S8
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	L0N 1S8
GEN	COUNTY OF DUFFERIN	LOT 32, CONCESSION 2 R.R.#4	WHS MONO TOWNSHIP ON	L0N 1S8
GEN	DUFFERIN, COUNTY OF - ROADS DEPT. 13-159	LOT 32, CONCESSION 2	WHS MONO TWP. ON	
GEN	Upper Grand District School Board	Princess Elizabeth Public School	51 Elizabeth Street ON	L9W 1C5
GEN	Upper Grand District School Board	Princess Elizabeth Public School	51 Elizabeth Street ON	L9W 1C5

GEN	Upper Grand District School Board	Princess Elizabeth Public School	51 Elizabeth Street ON	L9W 1C5
GEN	K.J. Beamish Construction Co., limited	lot 2, concession 2 Melancthon township	Shelburne ON	
GEN	Shelburne Truck and Trailer Services Ltd.	Hwy 89 R.R. 4	Shelburne ON	L0N 1S0
GEN	Shelburne Truck and Trailer Services Ltd.	Hwy 89 R.R. 4	Shelburne ON	L0N 1S0
GEN	Shelburne Truck and Trailer Services Ltd.	Hwy 89 R.R. 4	Shelburne ON	
GEN	Shelburne Truck and Trailer Services Ltd.	Hwy 89 R.R. 4	Shelburne ON	
GEN	Shelburne Truck and Trailer Services Ltd.	Hwy 89 R.R. 4	Shelburne ON	
GEN	Grant Cunningham Trucking Inc.	Hwy 89 R.R. 4	Shelburne ON	
GEN	HYDRO ONE NETWORKS INC.	SHELBURNE DISTRIBUTION STATION HIGHWAY 89	SHELBURNE ON	
GEN	DUFFERIN, COUNTY OF - ROADS DEPT.	PRIMROSE, HWYS. #10 & #89 - SHELBORNE C/O 51 ZINA STREET	ORANGEVILLE ON	L9W 1E5
GEN	DUFFERIN, COUNTY OF - ROADS DEPT. 13-159	PRIMROSE, HWYS. #10 & #89 - SHELBORNE C/O 51 ZINA STREET	ORANGEVILLE ON	L9W 1E5
MINE		Hwy 89, Shelburne, ON, L0N1S0	ON	
PES	BRIGHTSIDE TACK & EQUESTRIAN SUPPLIES INC	506195A HIGHWAY 89 UNIT 3	MULMUR ON	L9V 0N7
PRT	ULTRAMAR CANADA INC	LOT 1 CON 2 HWY 89	PRIMROSE ON	
PRT	K & K ENTERPRISES	LOT 1 CON 1 HWY 10	SHELBURN ON	
RST	FULL STOP SERVICES LTD	507393 HWY 89	SHELBURNE ON	
SPL	IMPERIAL OIL LTD.	ESSO STN AT THE INTERSECTION OF HWY 10 AND HWY 89. TANK TRUCK (CARGO)	SHELBURNE TOWN ON	
SPL	ESSO PETROLEUM CANADA	BIG LITTLE SERVICE STN INTERSECTION HWYS 10, 89 & 24 TANK TRUCK (CARGO)	SHELBURNE TOWN ON	
SPL	ONTARIO HYDRO	LOT 1, CONC. 6/ HWY 89 500-700 METRES WEST OF AIRPORT. TRANSFORMER	MULMUR TWP. ON	
SPL	ONTARIO PROVINCIAL POLICE	HWY 89 1 1/2 KM EAST OF PRIMROSE	MONO TOWNSHIP ON	
SPL	JDC Developments Inc.	Hwy 10, 11 Km North of Shelburne on East Side	Shelburne ON	
SPL	Mulmur Stone Inc.	Kings Highway 89	Mono ON	NA

SPL	ONTARIO HYDRO	CONC 1, WEST LOT 10 (NORTH ON HWY 10) TRANSFORMER	MONO TOWNSHIP ON
SPL	TRANSPORT TRUCK	HWY 10 5 MILES N. OF ORANGEVILLE MOTOR VEHICLE (OPERATING FLUID)	MONO TWP. ON
SPL	TRANSPORT TRUCK	HWY 10 PRIMROSE - SHELBOURNE MOTOR VEHICLE (OPERATING FLUID)	DUFFERIN COUNTY ON
SPL	Ready Bake Foods Inc.	HWY 10, NORTH OF 20TH SIDEROAD RD<UNOFFICIAL>	Mono ON
SPL	Holmes Agro Limited	COUNTY RD 10 IN MONO<UNOFFICIAL>	Mono ON
SPL	Hydro One Networks Inc.	LOT 32, CON. 2 E.<UNOFFICIAL>	Mono ON
SPL	PRIVATE RESIDENCE	HWY 24, 517260 FURNACE OIL TANK	SHELBURNE TOWN ON
WWIS		lot 1 con 2	ON
WWIS		lot 2 con 2	ON
WWIS		lot 2 con 2	ON
WWIS		con 1	ON
WWIS		lot 1 con	ON
WWIS		lot 1	ON
WWIS		lot 1 con 2	ON

Unplottable Report

Site:
Lot 32 Con 2 Mulmur ON

Database:
AAGR

Type:	Pit
Region/County:	Dufferin
Township:	Mulmur
Concession::	2
Lot::	32
Size (ha)::	
Landuse::	
Comments::	Niagara Escarpment Commission designation- escarpment rural area

Site:
Lot 32 Con 1 Mulmur ON

Database:
AAGR

Type:	Pit
Region/County:	Dufferin
Township:	Mulmur
Concession::	1
Lot::	32
Size (ha)::	
Landuse::	
Comments::	Niagara Escarpment Commission designation- escarpment natural area or escarpment protection area or escarpment rural area

Site:
Lot 2 Con 1 Mulmur ON

Database:
AAGR

Type:	Pit
Region/County:	Dufferin
Township:	Mulmur
Concession::	1
Lot::	2
Size (ha)::	
Landuse::	
Comments::	rehabilitated, pond on site; Niagara Escarpment Commission

Site:
Lot 2 Con 2E Mono ON

Database:
AAGR

Type:	Pit
Region/County:	Dufferin
Township:	Mono
Concession::	2E
Lot::	2
Size (ha)::	
Landuse::	
Comments::	

Site: ***COX CONSTRUCTION LIMITED***
LOT 1 CONC. 2EHS MULMUR TWP. ON

Database:
CA

Certificate #:	8-2025-87-

Application Year: 87
Issue Date: 6/17/1987
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: REVISION TO #8-2048-82-877
Contaminants::
Emission Control::

Site: ***911102 Ontario Limited***
Part of West Half of Lot 2, Concession 2 Shelburne ON

Database: ***CA***

Certificate #: 5438-5SHHHC
Application Year: 2003
Issue Date: 10/21/2003
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 Shelburne***
Part of West Half of Lot 2, Concession 2 Shelburne ON

Database: ***CA***

Certificate #: 6320-5TGSVJ
Application Year: 2003
Issue Date: 11/27/2003
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: ***Vandyk-Fiddlers Shelburne Heights Inc.***
Part of the west half of Lot 2, Concession 2 Shelburne ON

Database: ***CA***

Certificate #: 6622-6HWJGP
Application Year: 2005
Issue Date: 11/18/2005
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: ***MONTI EGAN***
MONO ROAD 10, LOT 11, CONC. 1, WHS MONO DUFFERIN COUNTY ON L9W 2Z1

Database: ***CFOT***

Licence No:		***Letter Sent:***	
Registration No:		***Corrosion Protection:***	
Posse File No:		***Province:***	ON
Posse Reg No:		***Nbr:***	1776
Tank Type:	Single Wall UST	***Contact Name:***	
Instance Number:	61018328	***Contact Address:***	
Facility Type:	FS Fuel Oil Tank	***Contact Address2:***	
Instance Type:	FS Fuel Oil Tank	***Contact Suite:***	
Status Name:	Active	***Contact City:***	
Fuel Type:	Fuel Oil	***Contact Prov:***	
Distributor:		***Contact Postal:***	
Tank Material:	Steel	***Tank Address:***	MONO ROAD 10, LOT 11, CONC. 1, WHS
Tank Age (as of 05/1992):		***Comments:***	
Tank Size:	1892.7		

Site: ***The Hi-Rise Group (Toronto) Inc.***
506312 Highway No. 89 E Shelburne ON M4P 2Y3

Database: ***ECA***

Approval No:	8639-7SEPP5	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2009-06-04	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Air		
Approval Type:	ECA-Air		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6504-7S8RXX-14.pdf		

Site: ***PATEL GAS BAR***
HWY 10 & 89LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No:	10963996
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	8/19/1995

Site: ***K & K ENTERPRISES***
LOT 1 CON 1 HWY 10 SHELBURN ON

Database: ***EXP***

Instance No:	9827581
Instance ID:	394407
Instance Type:	FS Facility
Description:	FS Gasoline Station - Full Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON

Database: ***EXP***

Instance No: 11396906
Instance ID: 82430
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: ***PATEL GAS BAR***
HWY 10 & 89LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294088
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294134
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294150
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294115
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 9758130
Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON

Database: ***EXP***

Instance No: 10963996
Instance ID: 56854
Instance Type: FS Liquid Fuel Tank
Description: FS Liquid Fuel Tank
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON

Database: ***EXP***

Instance No: 11294115
Instance ID: 77029
Instance Type: FS Liquid Fuel Tank
Description: FS Liquid Fuel Tank
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294088
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 8/19/1995

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON

Database: ***EXP***

Instance No: 11294134
Instance ID: 76136
Instance Type: FS Liquid Fuel Tank
Description: FS Liquid Fuel Tank
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:

Facility Type:
Expired Date:

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON

Database: ***EXP***

Instance No: 11396923
Instance ID: 82101
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: ***PATEL GAS BAR***
HWY 10 & 89 LOT 32 CON 1 WHS PRIMROSE ON K0H 1W0

Database: ***EXP***

Instance No: 11294150
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 8/19/1995

Site: ***DUFFERIN, COUNTY OF***
LOT 32, CONCESSION 2 R. R. #4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN.

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

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 242

Waste Description: HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Site: ***DUFFERIN, COUNTY OF***
LOT 32, CONCESSION 2 R. R. #4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 312

Waste Description: PATHOLOGICAL WASTES

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: ***DUFFERIN, COUNTY OF***
LOT 32, CONCESSION 2 R. R. #4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***DUFFERIN, COUNTY OF***
LOT 32, CONCESSION 2 R. R. #4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Site: ***DUFFERIN, COUNTY OF***
LOT 32, CONCESSION 2 R. R. #4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON6868872
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON6868872
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON L0N 1S8

Database: ***GEN***

Generator No.: ON6868872
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: Yes
SIC Code: 913910
SIC Description: 913910

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Chris Fast
Phone No. Admin: 519-941-2816 Ext.2623

--Details--
Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON6868872
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description:

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON

Database: ***GEN***

Generator No.: ON6868872
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON L0N 1S8

Database: ***GEN***

Generator No.: ON6868872

PO Box No.:

Status: ***Country:***
Approval Years: 2012 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

--Details--
Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: ***COUNTY OF DUFFERIN***
LOT 32, CONCESSION 2 R.R.#4 WHS MONO TOWNSHIP ON L0N 1S8

Database: ***GEN***

Generator No.: ON6868872 ***PO Box No.:***
Status: ***Country:***
Approval Years: 02,03,04,05,06,07,08 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code:
SIC Description:

--Details--

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: ***DUFFERIN, COUNTY OF - ROADS DEPT. 13-159***
LOT 32, CONCESSION 2 WHS MONO TWP. ON

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 92,93,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Upper Grand District School Board***
Princess Elizabeth Public School 51 Elizabeth Street ON L9W 1C5

Database: ***GEN***

Generator No.: ON2801701
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lorraine Millar
Phone No. Admin: 519-822-4420 Ext.849

--Details--
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Site: ***Upper Grand District School Board***
Princess Elizabeth Public School 51 Elizabeth Street ON L9W 1C5

Database: ***GEN***

Generator No.: ON2801701
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lorraine Millar
Phone No. Admin: 519-822-4420 Ext.849

--Details--
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Site: ***Upper Grand District School Board***
Princess Elizabeth Public School 51 Elizabeth Street ON L9W 1C5

Database: ***GEN***

Generator No.: ON2801701
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lorraine Millar
Phone No. Admin: 519-822-4420 Ext.849

--Details--
Waste Code: 263

Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Site: ***K.J. Beamish Construction Co., limited***
lot 2, concession 2 Melancthon township Shelburne ON

Database: ***GEN***

Generator No.: ON8093324
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 237310
SIC Description: Highway Street and Bridge Construction

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: ***Shelburne Truck and Trailer Services Ltd.***
Hwy 89 R.R. 4 Shelburne ON L0N 1S0

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Freight Trucking Long Distance Less Than Truck-Load

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Site: ***Shelburne Truck and Trailer Services Ltd.***
Hwy 89 R.R. 4 Shelburne ON L0N 1S0

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Freight Trucking Long Distance Less Than Truck-Load

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Shelburne Truck and Trailer Services Ltd.***
Hwy 89 R.R. 4 Shelburne ON

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Freight Trucking Long Distance Less Than Truck-Load

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Shelburne Truck and Trailer Services Ltd.***
Hwy 89 R.R. 4 Shelburne ON

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Freight Trucking Long Distance Less Than Truck-Load

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Shelburne Truck and Trailer Services Ltd.***
Hwy 89 R.R. 4 Shelburne ON

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Freight Trucking Long Distance Less Than Truck-Load

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Site: ***Grant Cunningham Trucking Inc.***
Hwy 89 R.R. 4 Shelburne ON

Database: ***GEN***

Generator No.: ON8923953
Status:
Approval Years: 03,04,05,06
Contam. Facility:
MHSW Facility:
SIC Code: 484122
SIC Description: General Trucking, Long Distance, LTL

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***HYDRO ONE NETWORKS INC.***
SHELBURNE DISTRIBUTION STATION HIGHWAY 89 SHELBURNE ON

Database: ***GEN***

Generator No.: ON7817097
Status:
Approval Years: 03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Site: ***DUFFERIN, COUNTY OF - ROADS DEPT.***
PRIMROSE, HWYS. #10 & #89 - SHELBORNE C/O 51 ZINA STREET ORANGEVILLE ON L9W 1E5

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN.

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***DUFFERIN, COUNTY OF - ROADS DEPT. 13-159***
PRIMROSE, HWYS. #10 & #89 - SHELBORNE C/O 51 ZINA STREET ORANGEVILLE ON L9W 1E5

Database: ***GEN***

Generator No.: ON0588000
Status:
Approval Years: 94
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site:
Hwy 89, Shelburne, ON, L0N1S0 ON

Database: ***MINE***

Industry Segment:
ID: 054068278
Mine/Smelter Name: Shelburne Pit
Owner:: Mulmur Aggregates Inc
Location:: Shelburne
Status Date: 2009
Status: Producing Mine
Coordinates::
Mine Office Address::
Type: Open Pit
Mailing Address:: Hwy 89, Shelburne, ON, L0N1S0
Description::

Site: ***BRIGHTSIDE TACK & EQUESTRIAN SUPPLIES INC***
506195A HIGHWAY 89 UNIT 3 MULMUR ON L9V 0N7

Database: ***PES***

Licence No.:
Detail Licence No.: 23-01-16478-0
Licence Type Code:
Licence Type: LIMITED
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No.:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:
Ext:
Oper Phone Number:
Proponent Ext:

Site: ***ULTRAMAR CANADA INC***
LOT 1 CON 2 HWY 89 PRIMROSE ON

Database: ***PRT***

Location ID: 12116
Type: retail
Expiry Date: 1995-03-31
Capacity (L): 0
Licence #: 0016273037

Site: ***K & K ENTERPRISES***
LOT 1 CON 1 HWY 10 SHELBURN ON

Database: ***PRT***

Location ID: 13349
Type: retail
Expiry Date: 1991-07-31
Capacity (L): 0
Licence #: 0056073001

Site: ***FULL STOP SERVICES LTD***
507393 HWY 89 SHELBURNE ON

Database: ***RST***

Code: 1186800
Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:
List Name:

Site: ***IMPERIAL OIL LTD.***
ESSO STN AT THE INTERSECTION OF HWY 10 AND HWY 89. TANK TRUCK (CARGO) SHELBURNE TOWN ON

Database: ***SPL***

Ref No: 131080
Contaminant Name:

Site Address:
Site Conc:

Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43402
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	8/28/1996	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	8/28/1996	***Receiving Env:***	
Incident Cause:	PIPE/HOSE LEAK	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	EQUIPMENT FAILURE	***SAC Action Class:***	
Incident Summary:	IMPERIAL OIL:20L DIESEL TO GROUND DURING STATION FILL. CLEANED UP.		

Site: ***ESSO PETROLEUM CANADA***
BIG LITTLE SERVICE STN INTERSECTION HWYS 10, 89 & 24 TANK TRUCK (CARGO) SHELBURNE TOWN ON

Database: ***SPL***

Ref No:	48300	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43402
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	3/28/1991	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	3/28/1991	***Receiving Env:***	
Incident Cause:	PIPE/HOSE LEAK	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	EQUIPMENT FAILURE	***SAC Action Class:***	
Incident Summary:	ESSO PETROLEUM: 2L DIESELFUEL SPILL WHILE FILLING TANK		

Site: ***ONTARIO HYDRO***
LOT 1, CONC. 6/ HWY 89 500-700 METRES WEST OF AIRPORT. TRANSFORMER MULMUR TWP. ON

Database: ***SPL***

Ref No:	55321	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43606
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	8/8/1991	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	8/8/1991	***Receiving Env:***	
Incident Cause:	COOLING SYSTEM LEAK	***Environment Impact:***	POSSIBLE
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	EQUIPMENT FAILURE	***SAC Action Class:***	
Incident Summary:	HYDRO: 20L MINERAL OIL LEAK DUE TO VOLTAGE REG. SHORT CIRCUIT		

Site: ***ONTARIO PROVINCIAL POLICE***
HWY 89 1 1/2 KM EAST OF PRIMROSE MONO TOWNSHIP ON

Database: ***SPL***

Ref No:	86094	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43605
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	5/26/1993	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND

Incident Dt:	//	***Receiving Env:***	
Incident Cause:	PIPE/HOSE LEAK	***Environment Impact:***	CONFIRMED
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	GASKET/JOINT	***SAC Action Class:***	
Incident Summary:	OPP - APPROX. 100 L OF DIESEL FUEL TO THE GROUNDFROM STORAGE TANK		

Site: ***JDC Developments Inc.***
Hwy 10, 11 Km North of Shelburne on East Side Shelburne ON

Database: ***SPL***

Ref No:	5670-5V7R5B	***Site Address:***	
Contaminant Name:	DIESEL FUEL	***Site Conc:***	
Contaminant Code:	13	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Shelburne
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	455 L	***Sector Type:***	Transport Truck
MOE Reported Dt:	1/14/2004	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land
Incident Dt:	1/13/2004	***Receiving Env:***	
Incident Cause:	Other Transport Accident	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Soil Contamination
Incident Reason:	Spill	***SAC Action Class:***	Spill to Land
Incident Summary:	MVA in Shelburne - Diesel to Parking Lot		

Site: ***Mulmur Stone Inc.***
Kings Highway 89 Mono ON NA

Database: ***SPL***

Ref No:	2364-9XYTME	***Site Address:***	Kings Highway 89
Contaminant Name:	DIESEL FUEL	***Site Conc:***	
Contaminant Code:	13	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Mono
Contaminant UN No 1:		***Site Postal Code:***	NA
Contaminant Qty:	100 L	***Sector Type:***	Other
MOE Reported Dt:	6/30/2015	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	6/24/2015	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	
Incident Event:		***Nature of Impact:***	Land
Incident Reason:	Other	***SAC Action Class:***	Land Spills
Incident Summary:	MVA: 100L diesel fuel to shoulder from MVA (24/06/2015)		

Site: ***ONTARIO HYDRO***
CONC 1, WEST LOT 10 (NORTH ON HWY 10) TRANSFORMER MONO TOWNSHIP ON

Database: ***SPL***

Ref No:	157827	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43605
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	7/10/1998	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND / AIR
Incident Dt:	7/10/1998	***Receiving Env:***	
Incident Cause:	COOLING SYSTEM LEAK	***Environment Impact:***	CONFIRMED
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	FIRE/EXPLOSION	***SAC Action Class:***	
Incident Summary:	ONT HYDRO- 75 L NON-PCB X-FORMER OIL TO GND.FIRE.EXCAVATING.		

Site: ***TRANSPORT TRUCK***
HWY 10 5 MILES N. OF ORANGEVILLE MOTOR VEHICLE (OPERATING FLUID) MONO TWP. ON

Database: ***SPL***

Ref No:	28365	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43605
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	11/30/1989	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	11/30/1989	***Receiving Env:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Environment Impact:***	POSSIBLE
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	ADVERSE ROAD CONDITION	***SAC Action Class:***	
Incident Summary:	OPP REPORT 500 LTR DIESELFUEL TO DITCH IN M.V.A. MAX 5 L. FOUND BY MOE/MTO		

Site: ***TRANSPORT TRUCK***
HWY 10 PRIMROSE - SHELBOURNE MOTOR VEHICLE (OPERATING FLUID) DUFFERIN COUNTY ON

Database: ***SPL***

Ref No:	221131	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43000
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	2/8/2002	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	2/8/2002	***Receiving Env:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Environment Impact:***	POSSIBLE
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	OTHER	***SAC Action Class:***	
Incident Summary:	CALLER REPORTS TRUCK SPILLING FUEL ALONG HWY 10, PLATE # 103 OHC		

Site: ***Ready Bake Foods Inc.***
HWY 10, NORTH OF 20TH SIDEROAD RD<UNOFFICIAL> Mono ON

Database: ***SPL***

Ref No:	0114-5L2UZN	***Site Address:***	
Contaminant Name:	DIESEL FUEL	***Site Conc:***	
Contaminant Code:	13	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Mono
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	150 L	***Sector Type:***	
MOE Reported Dt:	3/27/2003	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land
Incident Dt:	3/27/2003	***Receiving Env:***	
Incident Cause:		***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Soil Contamination
Incident Reason:		***SAC Action Class:***	
Incident Summary:	Ready Bake Foods-MVA-150L to grd, cleaning		

Site: ***Holmes Agro Limited***
COUNTY RD 10 IN MONO<UNOFFICIAL> Mono ON

Database: ***SPL***

Ref No:	8201-6Q4SP3	***Site Address:***	
Contaminant Name:	DIESEL FUEL	***Site Conc:***	
Contaminant Code:	13	***Site Lot:***	

Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Mono
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	300 L	***Sector Type:***	Transport Truck
MOE Reported Dt:	5/24/2006	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land
Incident Dt:	5/24/2006	***Receiving Env:***	
Incident Cause:	Other Transport Accident	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Soil Contamination
Incident Reason:	Spill	***SAC Action Class:***	
Incident Summary:	Mono: Holmes Agro Ltd. 300L diesel to shoulder		

Site: ***Hydro One Networks Inc.***
LOT 32, CON. 2 E.<UNOFFICIAL> Mono ON

Database: ***SPL***

Ref No:	1544-5YUNUP	***Site Address:***	
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	***Site Conc:***	
Contaminant Code:	15	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Mono
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	10 L	***Sector Type:***	Other Plant - Electric Power Generation (MISA)
MOE Reported Dt:	5/10/2004	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land
Incident Dt:	5/9/2004	***Receiving Env:***	
Incident Cause:	Cooling System Leak	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Soil Contamination
Incident Reason:	Corrosion - All forms of internal/external corrosion	***SAC Action Class:***	Spills
Incident Summary:	Hydro One - 10 L transformer oil to ground.		

Site: ***PRIVATE RESIDENCE***
HWY 24, 517260 FURNACE OIL TANK SHELBURNE TOWN ON

Database: ***SPL***

Ref No:	162375	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	43402
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	11/25/1998	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	11/13/1998	***Receiving Env:***	
Incident Cause:	CONTAINER OVERFLOW	***Environment Impact:***	CONFIRMED
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	NEGLIGENCE (APPARENT)	***SAC Action Class:***	
Incident Summary:	FURNACE OIL - 50-100 L OF FURNACE OIL TO GROUND		

Site:
lot 1 con 2 ON

Database: ***WWIS***

Well ID:	1706595	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	3/28/2006
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	3406
Casing Material:		***Form Version:***	3
Audit No:	Z34724	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN

Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Municipality: 17000
Site Info:
Lot: 001
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550832
DP2BR:
Code OB: u
Code OB Desc: all layers are unknown type
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/14/2005

Overburden and Bedrock Materials Interval

Formation ID: 933044112
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 15.85
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933287433
Layer: 1
Plug From: 1.93
Plug To: 13.72
Plug Depth UOM: m

Plug ID: 933287434
Layer: 2
Plug From: 13.72
Plug To: 15.85
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961706595
Method Construction Code: B

Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11560439
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930876340
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.00
Depth To:
Casing Diameter: 152.00
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11569727
Pump Set At:
Static Level: 8.53
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site:
lot 2 con 2 ON

Database: ***WWIS***

Well ID: 1703388
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 08799
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: 5/20/1987
Selected Flag: 1
Abandonment Rec:
Contractor: 3813
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MULMUR TOWNSHIP
Site Info:
Lot: 002
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10062089	***Spatial Status:***	
DP2BR:	25	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	4/8/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931109331
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:	931109332
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	12
Other Materials:	STONES
Mat3:	05
Other Materials:	CLAY
Formation Top Depth:	1.00
Formation End Depth:	25.00
Formation End Depth UOM:	ft

Formation ID:	931109333
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25.00
Formation End Depth:	52.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961703388
Method Construction Code:	2

Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10610659
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930113603
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.00
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930113604
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 52.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991703388
Pump Set At:
Static Level: 27.00
Final Level After Pumping: 27.00
Recommended Pump Depth: 45.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 10.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 6
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934115411
Test Type: Draw Down
Test Duration: 15
Test Level: 27.00
Test Level UOM: ft

Pump Test Detail ID: 934397449
Test Type: Draw Down
Test Duration: 30
Test Level: 27.00
Test Level UOM: ft

Pump Test Detail ID: 934657932
Test Type: Draw Down
Test Duration: 45
Test Level: 27.00
Test Level UOM: ft

Pump Test Detail ID: 934916428
Test Type: Draw Down
Test Duration: 60
Test Level: 27.00
Test Level UOM: ft

Water Details

Water ID: 933502045
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52.00
Water Found Depth UOM: ft

Site:
lot 2 con 2 ON

Database: ***WWIS***

Well ID: 1703115
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
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: 4/1/1985
Selected Flag: 1
Abandonment Rec:
Contractor: 2332
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MONO TOWNSHIP
Site Info:
Lot: 002
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10061816
DP2BR: 65
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 5/7/1984

Overburden and Bedrock Materials Interval

Formation ID: 931108130

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: 931108131
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.00
Formation End Depth: 40.00
Formation End Depth UOM: ft

Formation ID: 931108132
Layer: 3
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 12
Other Materials: STONES
Mat3: 28
Other Materials: SAND
Formation Top Depth: 40.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Formation ID: 931108133
Layer: 4
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 65.00
Formation End Depth: 100.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961703115
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10610386
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930113109
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930113110
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991703115
Pump Set At:
Static Level: 74.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 85.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 10.00
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

Draw Down & Recovery

Pump Test Detail ID: 934114372
Test Type: Recovery
Test Duration: 15
Test Level: 74.00
Test Level UOM: ft

Pump Test Detail ID: 934396879
Test Type: Recovery
Test Duration: 30
Test Level: 74.00
Test Level UOM: ft

Pump Test Detail ID: 934657371
Test Type: Recovery
Test Duration: 45
Test Level: 74.00
Test Level UOM: ft

Pump Test Detail ID: 934915827
Test Type: Recovery

Test Duration: 60
Test Level: 74.00
Test Level UOM: ft

Water Details

Water ID: 933501717
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.00
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1706551
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z31485
Tag: A025174
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 1/27/2006
Selected Flag: 1
Abandonment Rec:
Contractor: 7190
Form Version: 3
Owner:
Street Name: PT EAST 1/2 LOT 1, LOT 2 & E 1/2 LOT 3
County: DUFFERIN
Municipality: 17000
Site Info:
Lot:
Concession: 01
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550788
DP2BR:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 12/20/2005

Overburden and Bedrock Materials Interval

Formation ID: 933047834
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 12
Other Materials: STONES
Mat3: 11

Other Materials: GRAVEL
Formation Top Depth: 0.00
Formation End Depth: 3.05
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933290463
Layer: 1
Plug From: 0.00
Plug To: 1.22
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961706551
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11560395
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930877097
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.00
Depth To: 1.52
Casing Diameter: 5.00
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933417782
Layer: 1
Slot:
Screen Top Depth: 1.52
Screen End Depth: 3.05
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 11681508
Diameter: 10.00
Depth From: 0.00
Depth To: 3.05
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: ***Database:*** ***WWIS***

lot 1 con ON

Well ID:	1703061	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	2/7/1985
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5206
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DUFFERIN
Elevation (m):		***Municipality:***	MONO TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	00
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10061762	***Spatial Status:***	
DP2BR:	6	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	3/29/1984
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931107920
Layer:	1
Color:	6
General Color:	BROWN
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:	931107921
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 1.00
Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 931107922
Layer: 3
Color: 5
General Color: YELLOW
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6.00
Formation End Depth: 43.00
Formation End Depth UOM: ft

Formation ID: 931107923
Layer: 4
Color: 5
General Color: YELLOW
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 43.00
Formation End Depth: 47.00
Formation End Depth UOM: ft

Formation ID: 931107924
Layer: 5
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 47.00
Formation End Depth: 75.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117392
Layer: 1
Plug From: 0.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961703061
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10610332

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930113015
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930113016
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991703061
Pump Set At:
Static Level: 43.00
Final Level After Pumping: 66.00
Recommended Pump Depth: 60.00
Pumping Rate: 18.00
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: 6
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933501655
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 20.00
Water Found Depth UOM: ft

Water ID: 933501656
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 28.00
Water Found Depth UOM: ft

Water ID: 933501657
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 37.00

Water Found Depth UOM: ft

Water ID: 933501658
Layer: 4
Kind Code: 5
Kind: Not stated
Water Found Depth: 43.00
Water Found Depth UOM: ft

Site:
lot 1 ON

Database:
WWIS

Well ID: 1703059
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Unfinished
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: 2/7/1985
Selected Flag: 1
Abandonment Rec:
Contractor: 5206
Form Version: 1
Owner:
Street Name:
County: DUFFERIN
Municipality: MONO TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10061760
DP2BR: 3
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 3/15/1984

Overburden and Bedrock Materials Interval

Formation ID: 931107909
Layer: 1
Color: 6
General Color: BROWN
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: 931107910
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 931107911
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 11
Other Materials: GRAVEL
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 3.00
Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 931107912
Layer: 4
Color: 5
General Color: YELLOW
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6.00
Formation End Depth: 18.00
Formation End Depth UOM: ft

Formation ID: 931107913
Layer: 5
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18.00
Formation End Depth: 45.00
Formation End Depth UOM: ft

Formation ID: 931107914
Layer: 6
Color: 5
General Color: YELLOW
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 11
Other Materials: GRAVEL
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 45.00
Formation End Depth: 69.00

Formation End Depth UOM: ft

Formation ID: 931107915
Layer: 7
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 69.00
Formation End Depth: 75.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117390
Layer: 1
Plug From: 0.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961703059
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10610330
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930113011
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930113012
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991703059

Pump Set At:
Static Level: 45.00
Final Level After Pumping: 70.00
Recommended Pump Depth:
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 6
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933501651
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 18.00
Water Found Depth UOM: ft

Water ID: 933501652
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 25.00
Water Found Depth UOM: ft

Water ID: 933501653
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 45.00
Water Found Depth UOM: ft

Site:
lot 1 con 2 ON

Database: ***WWIS***

Well ID: 1706609
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z26794
Tag: A021883
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 3/28/2006
Selected Flag: 1
Abandonment Rec:
Contractor: 3406
Form Version: 3
Owner:
Street Name:
County: DUFFERIN
Municipality: 17000
Site Info:
Lot: 001
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550846
Spatial Status:

DP2BR: 178
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 3/15/2005

Overburden and Bedrock Materials Interval

Formation ID: 933045023
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.88
Formation End Depth UOM: m

Formation ID: 933045024
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 4.88
Formation End Depth: 10.06
Formation End Depth UOM: m

Formation ID: 933045025
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 84
Other Materials: SILTY
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 10.06
Formation End Depth: 27.43
Formation End Depth UOM: m

Formation ID: 933045026
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:

Other Materials:
Formation Top Depth: 27.43
Formation End Depth: 43.59
Formation End Depth UOM: m

Formation ID: 933045027
Layer: 5
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 43.59
Formation End Depth: 54.25
Formation End Depth UOM: m

Formation ID: 933045256
Layer: 6
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 15
Other Materials: LIMESTONE
Formation Top Depth: 54.25
Formation End Depth: 58.22
Formation End Depth UOM: m

Formation ID: 933045257
Layer: 7
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 58.22
Formation End Depth: 60.96
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933287708
Layer: 1
Plug From: 0.00
Plug To: 6.10
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961706609
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11560453
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930875825
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.44
Depth To: 58.83
Casing Diameter: 15.24
Casing Diameter UOM: cm
Casing Depth UOM: m

Casing ID: 930875826
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 58.83
Depth To: 60.96
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11569739
Pump Set At: 30.00
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 450.00
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 10
Flowing:

Water Details

Water ID: 934074101
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 59.40
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11681567
Diameter: 22.80
Depth From: 0.00
Depth To: 6.10
Hole Depth UOM: m
Hole Diameter UOM: cm

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2017

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-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-Nov 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-Oct 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-Oct 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-Oct 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-Oct 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-Dec 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-Sep 2017

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-Dec 31, 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-May 2017

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-Sep 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 2017

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-Oct 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-Aug 2017

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-Oct 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-Nov 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-Sep 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-Dec 31, 2016

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 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

C REGULATORY INQUIRIES

Ontario

Ministry of Environment and Energy

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. **181-01582-00**	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**)

636040 Prince of Wales Rd West, Primrose/ Part of the East Half of Lot 1 and Part of the east half of Lot 2, Concession 2, West of Hurontario Street, Township of Mulmur, County of Dufferin

Present Property Owner(s) and Date(s) of Ownership

Taymeg Property & Development Incorporated since 2008

Previous Property Owner(s) and Date(s) of Ownership

Shirley Marlene Farnell

Present/Previous Tenant(s),(if applicable)

N/A

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: Collins, Nicole
Sent: Tuesday, February 06, 2018 9:50 AM
To: 'Public Information Services'
Subject: TSSA Inquiry - 636040 Prince of Wales Rd West, Primrose

Hello,

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

636040 Prince of Wales Rd West, Primrose

Legal address: Part of the East Half of Lot 1 and Part of the east half of Lot 2, Concession 2, West of Hurontario Street, Township of Mulmur, County of Dufferin

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

Collins, Nicole

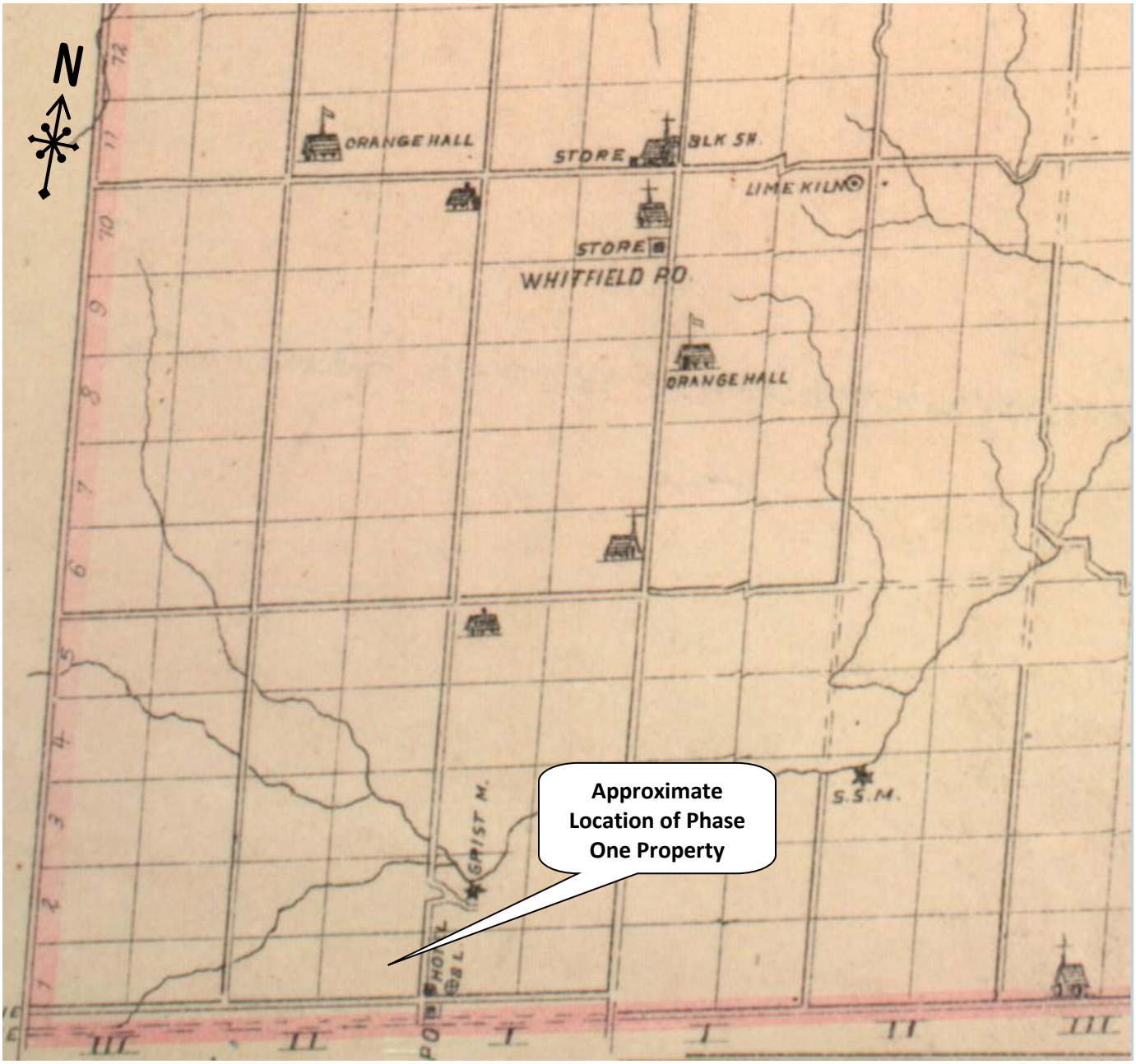
From: Public Information Services <publicinformationservices@tssa.org>
Sent: Tuesday, February 06, 2018 9:51 AM
To: Collins, Nicole
Subject: Automatic reply: TSSA Inquiry - 636040 Prince of Wales Rd West, Primrose

Thank you for contacting TSSA. Due to a significant increase in the number of requests for public information, our response time currently exceeds sixty days.

Effective November 1st, all customers requesting a copy of a TSSA record will need to fill out an application form. The form will be made available on our website and will allow us to process your request quickly and efficiently. Requests without a completed form will not be processed. Please visit our website for more information on these changes.

APPENDIX

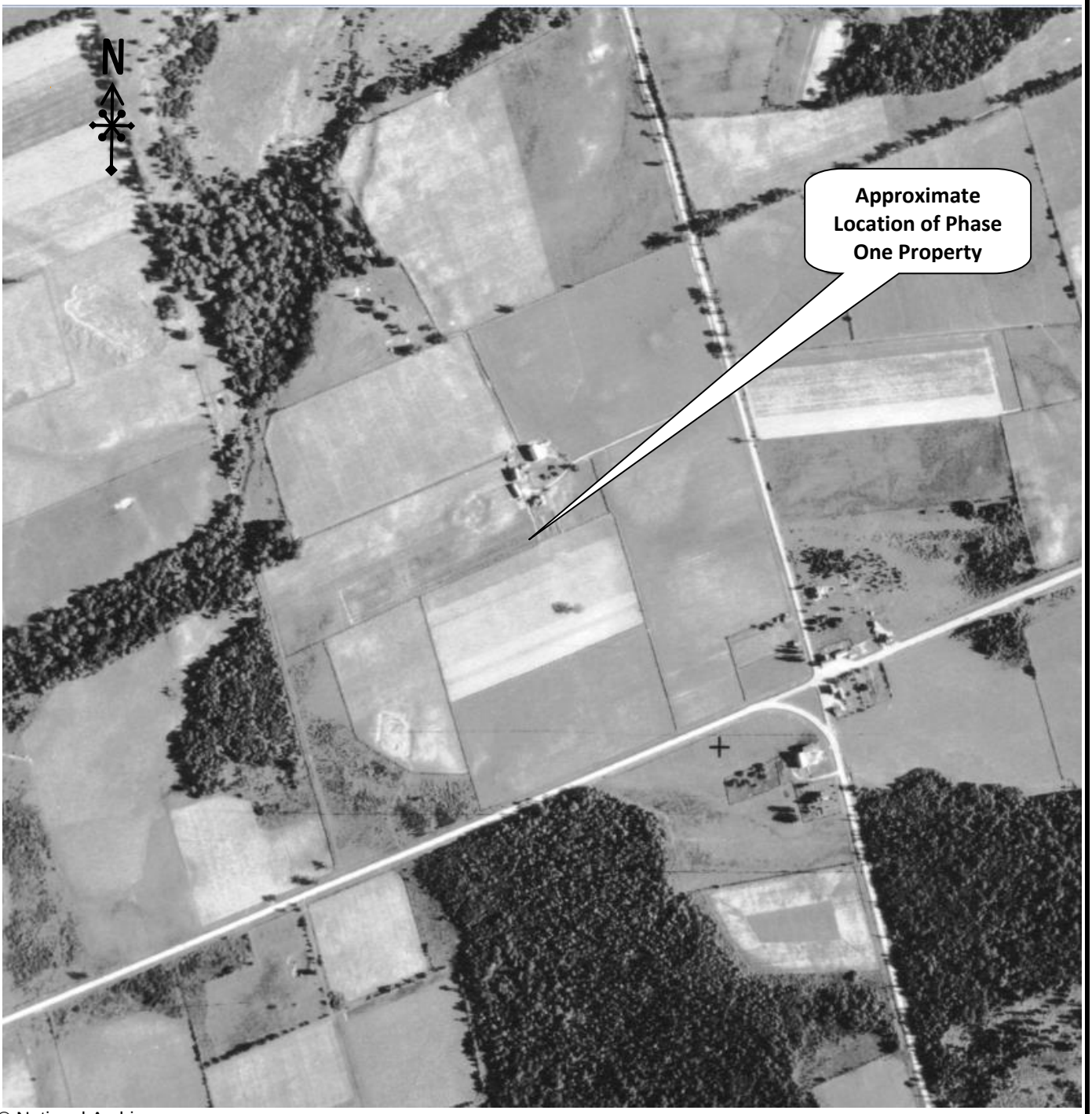
D AERIAL PHOTOGRAPHS



1880 Grey County Atlas

Scale: 1:57,500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-1**

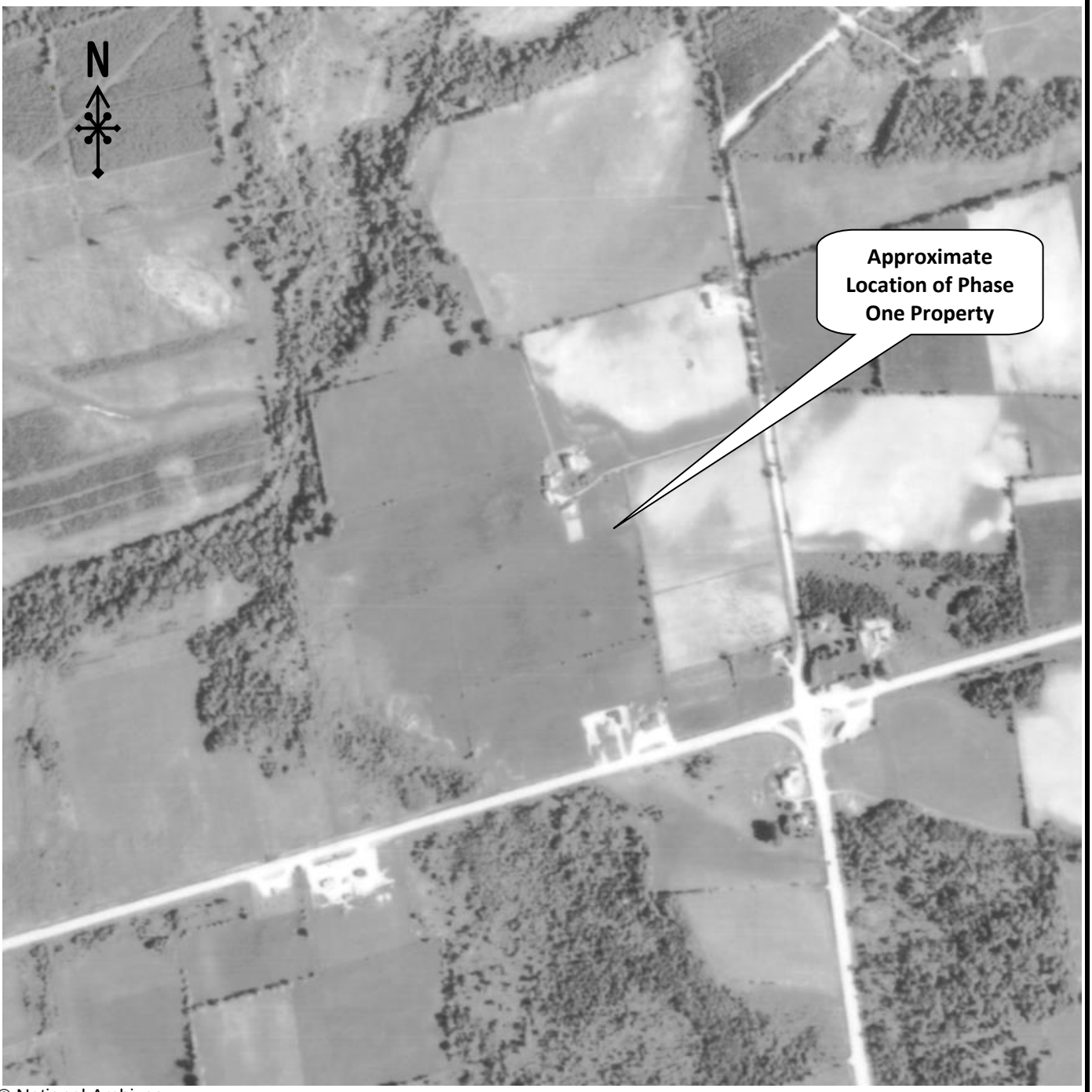
14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067



AERIAL PHOTOGRAPH: 1938

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

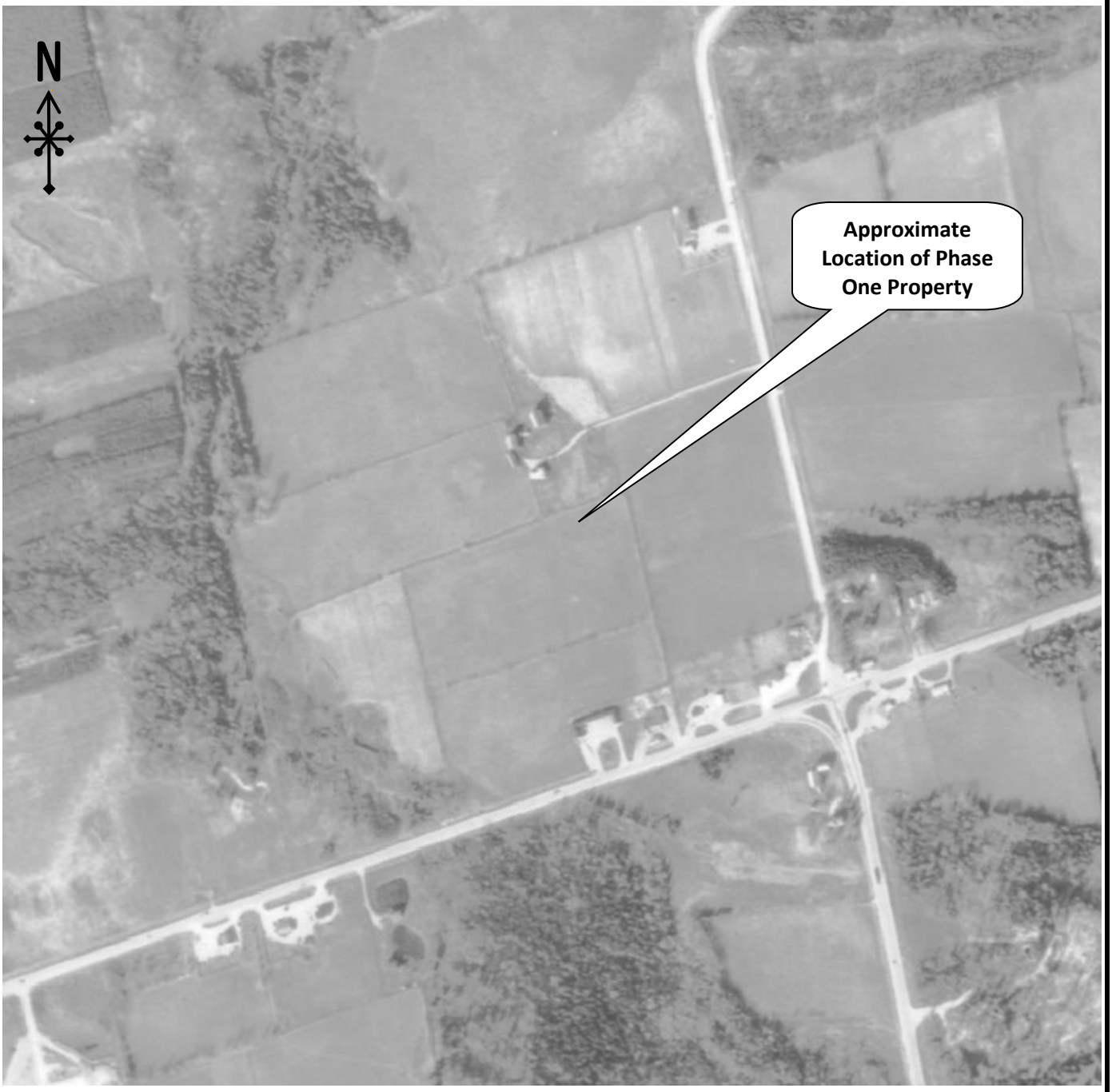
Scale: 1:8,200	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-2**



AERIAL PHOTOGRAPH: 1969

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

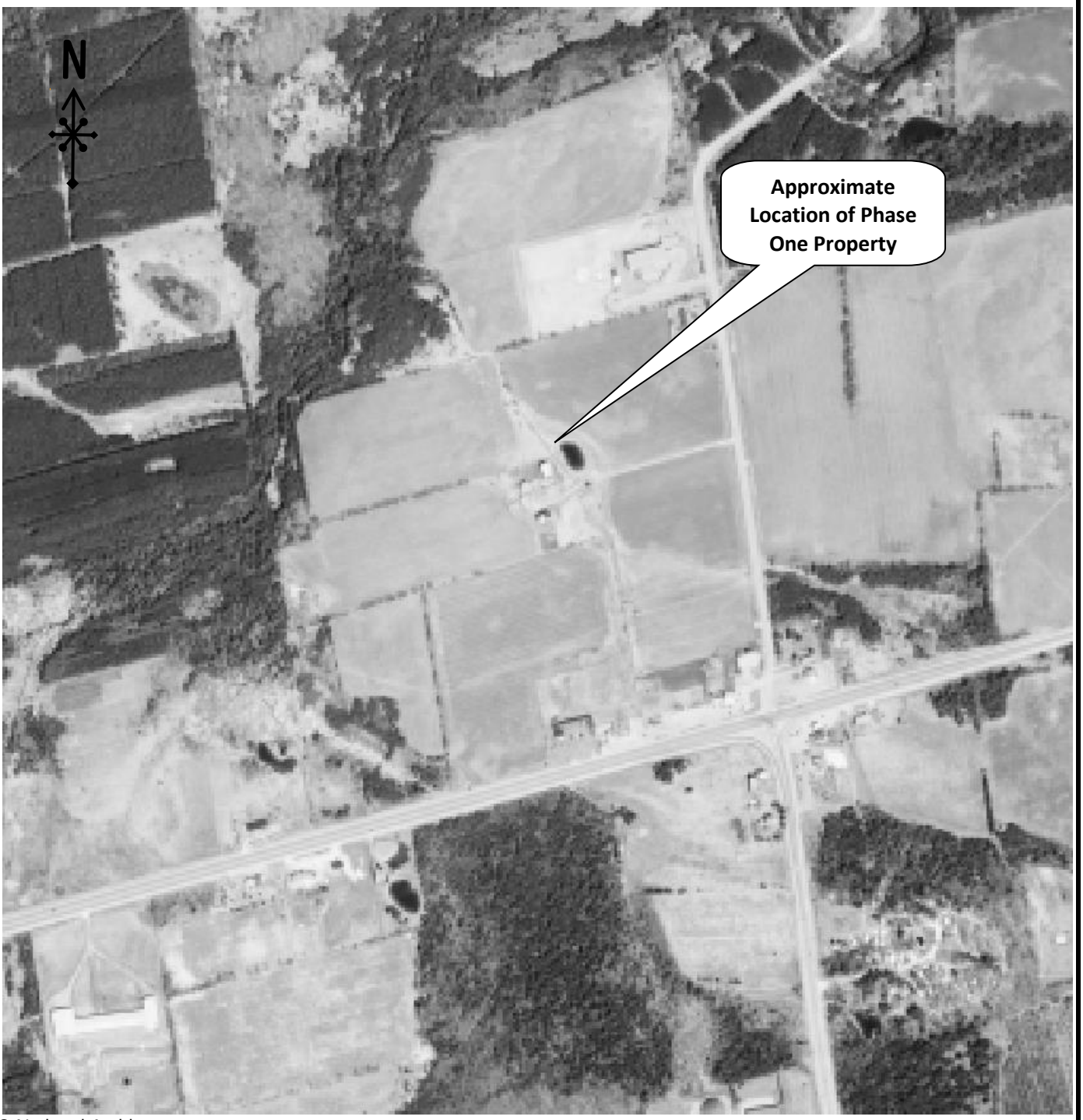
Scale: 1:8,500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-3**



AERIAL PHOTOGRAPH: 1975

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

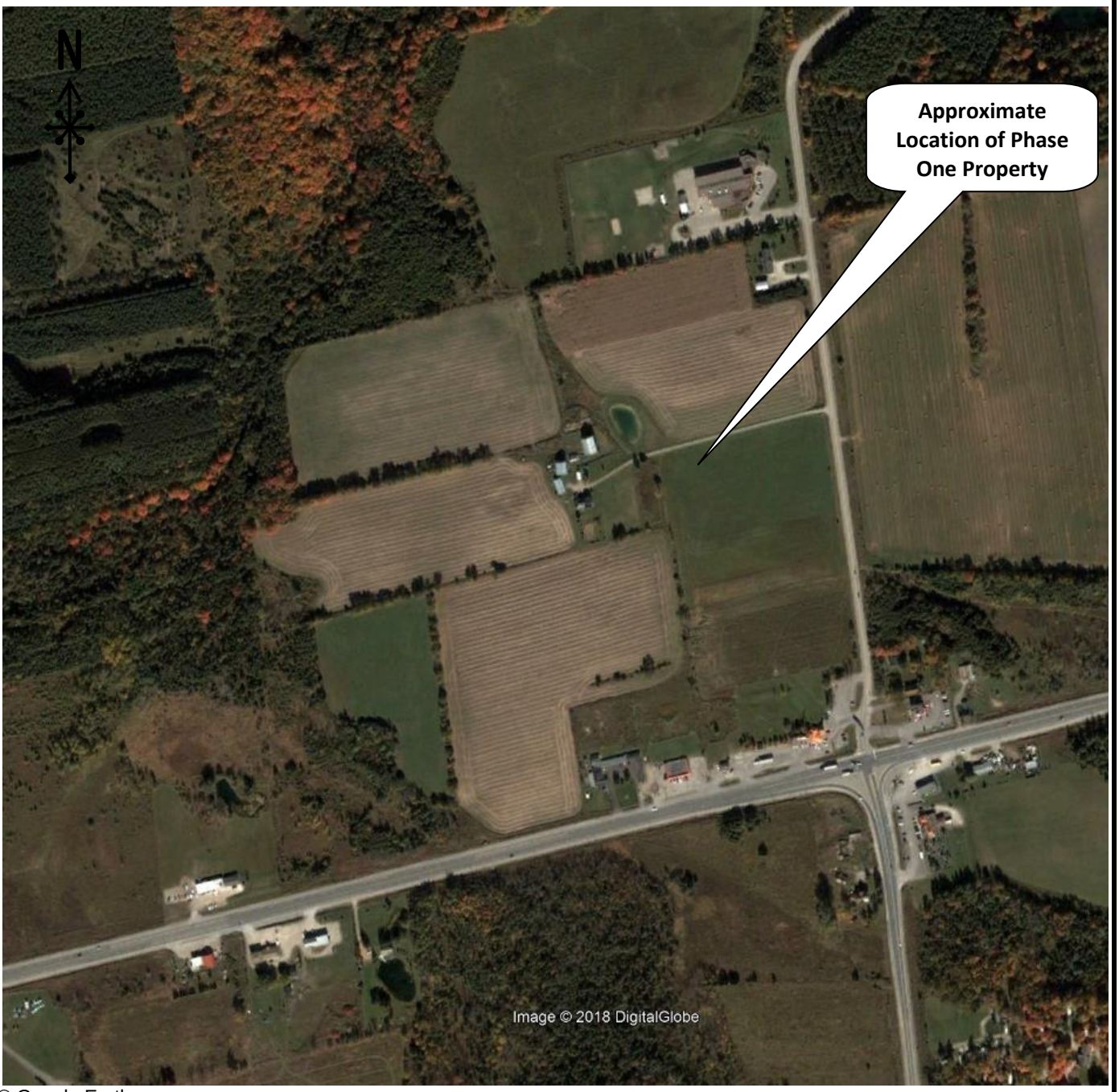
Scale: 1:7,400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-4**



SATELLITE IMAGE: 1995

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

Scale: 1:8,700	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-5**



© Google Earth

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

SATELLITE IMAGE: 2004

Scale: 1:6,400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: NC
Date: February 2018	**636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-6**

© Google Earth

14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

SATELLITE IMAGE: 2011

Scale: 1:7,900	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Prepared By: NC
Date: February 2018		Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-7**

© Google Earth

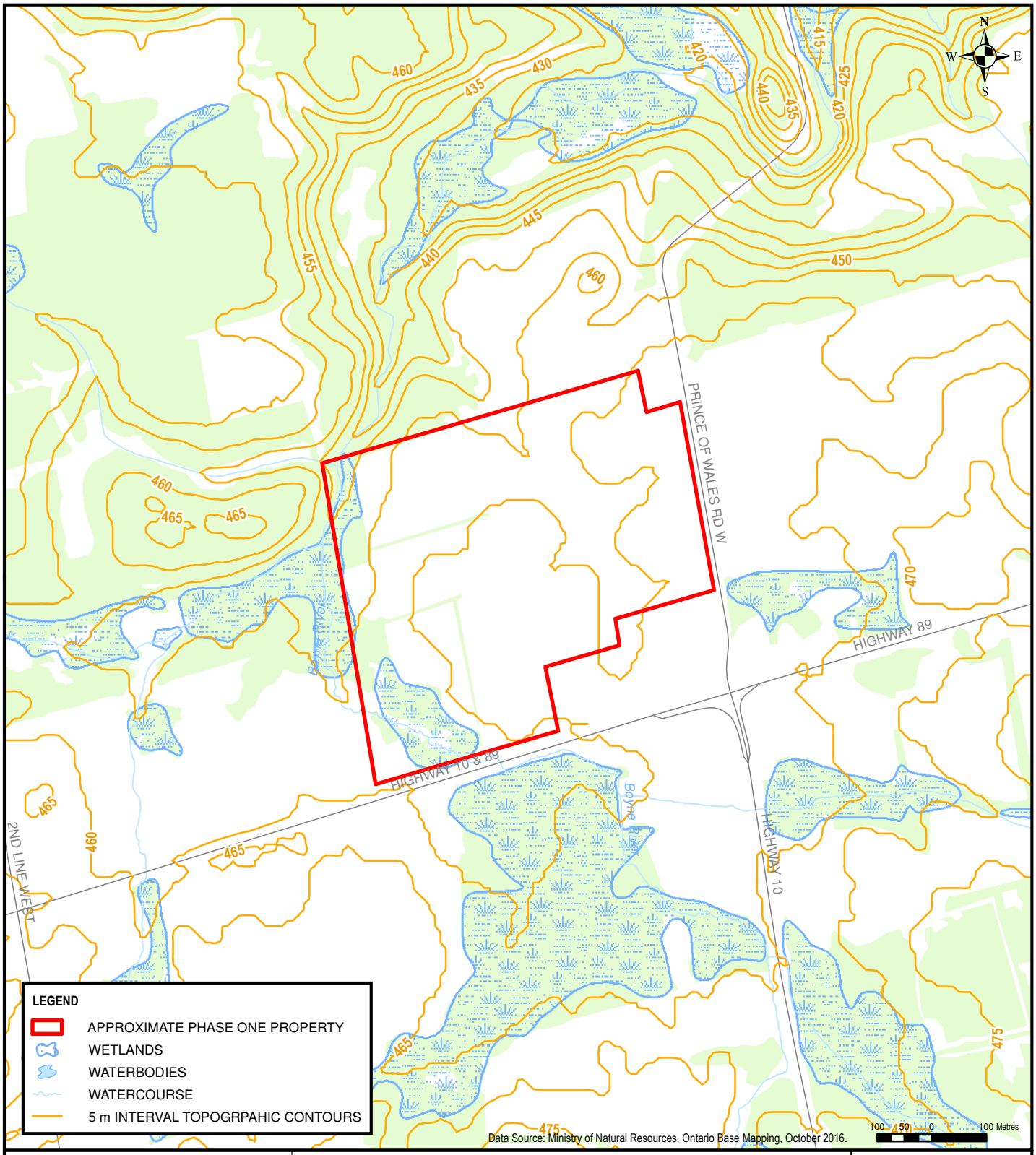
14 Ronell Crescent, Unit 1
Collingwood, ON L9Y 4J7
T: 705-445-0064 F: 705-445-0067

SATELLITE IMAGE: 2016

Scale: 1:8,400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: NC
Date: February 2018	**636040 PRINCE OF WALES RD W, PRIMOSE, TOWNSHIP OF MULMUR, ONTARIO**	Reviewed By: RO
Project: 181-01582-00	Prepared For: Deltini Commercial Developments/ 1461125 Ontario Inc.	Drawing No. **D-8**

APPENDIX

E TOPOGRAPHIC MAP



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

PROJECT:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
636040 PRINCE OF WALES ROAD WEST
PRIMROSE, TOWNSHIP OF MULMUR, ONTARIO

TITLE:
TOPOGRAPHIC MAP

CLIENT:
DELTINI COMMERCIAL DEVELOPMENTS / 1461125 ONTARIO INC

SCALE:	1:10,000
DRAWN BY:	TP
CHECKED BY:	RO
PROJECT NO:	181-01582-00
DATE:	FEBRUARY 2018
FIGURE NO:	E
REV.:	-

Document Path: T:\181-01582-00\MXD\181-01582-00 Figure 3 Topography.mxd

APPENDIX

F 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)
1700993	21.0	05/13/1969	1.8	Domestic	Brown	Sand	-	-	0-3.0
					-	Limestone	-	-	3.0-15.8
					Red & Blue	Shale	-	-	15.8-21.0
1700796	19.8	07/28/1961	1.8	Domestic	Brown	Clay	-	-	0-4.6
					Brown	Clay	Gravel	Stones	4.6-7.3
					Brown	Limestone	-	-	7.3-16.8
					Red & Blue	Shale	-	-	16.8-19.8
1700955	12.2	01/28/1969	2.4	Domestic	-	Sand	-	-	0-9.1
					-	Gravel	-	-	9.1-12.2
1700671	18.3	12/29/1962	2.4	Commercial	-	Sand	-	-	0-11.3
					-	Clay	Rocks	-	11.3-14.3
					-	Gravel	Sand	-	14.3-15.2
					Blue/White	Limestone	-	-	15.2-18.3
1704457	41.8	06/20/1991	6.1	Public Supply – Water Supply	Brown	Topsoil	-	-	0-0.6
					Brown	Sand	Gravel	-	0.6-5.5
					Grey	Limestone	-	-	5.5-11.6
					Green	Shale	-	-	11.6-13.4
					Red	Shale	-	-	13.4-14.3
					Green	Shale	-	-	14.3-14.9
					Red	Shale	-	-	14.9-15.8
					Green	Shale	-	-	15.8-25.3
					Grey	Limestone	-	-	25.3-32.0
					Brown	Limestone	-	-	32.0-36.3
					Green	Shale	-	-	36.3-36.6
					Grey	Sandstone	-	-	36.6-41.1
					Green	Shale	-	-	41.1-41.8
1704456	42.7	09/30/1991	9.5	Public Supply – Water Supply		Topsoil	-	-	0-0.6
					Brown	Sand	Gravel	-	0.6-5.5
					Grey	Limestone	-	-	5.5-11.6
					Red/Green	Shale	-	-	11.6-25.0
					Grey	Limestone	-	-	25.0-32.0
					Brown	Limestone	-	-	32.0-36.3
					Grey	Sandstone	-	-	36.3-41.4
					Green	Shale	-	-	41.4-42.7
1701409	22.9	09/28/1972	3.0	Domestic – Water Supply	Black	Muck	-	-	0-2.4
					Brown	Gravel	Clay	-	2.4-11.6
					White	Limestone	-	-	11.6-14.3
					Grey	Limestone	-	-	14.3-17.4
					Blue	Shale	-	-	17.4-22.9
1701361	8.5	08/07/1972	1.0	Commercial – Water Supply	Brown	Clay	-	-	0-5.8
					Grey	Gravel	-	-	5.8-8.5
1704696	41.8	11/04/1993	-	Abandoned	-	-	-	-	-
7220804	6.1	06/07/2013	-	-	-	-	-	-	-
7188117	6.1	08/23/2012	3.0	Observation - Monitoring	Brown	Topsoil	-	-	0-0.3
					Brown	Clay	Silt	Sand	0.3-3.0
					Grey	Silt	Sand	Gravel	3.0-6.1
7262324	8.2	08/05/2015	5.8	Domestic	Brown	Sand	Gravel	-	0-1.8
					Brown	Clay	-	-	1.8-6.1
					Brown	Sand	-	-	6.1-8.2
1703044	10.4	04/13/1984	1.0	Domestic – Water Supply	-	Topsoil	-	-	0-1.0
					-	Clay	Stones	-	1.0-5.2
					-	Gravel	Silt	-	5.2-8.2
					-	Gravel	-	-	8.2-10.4
1704424	12.8	11/20/1991	3.7	Domestic – Water Supply	Brown	Fill	-	-	0-1.2
					Brown	Clay	Stones	-	1.2-5.5
					Grey	Clay	-	-	5.5-10.7
					Brown	Sand	-	-	10.7-12.8
1700670	33.8	01/25/1960	6.4	Domestic	Brown	Clay	-	-	0-12.8
					Grey/Brown	Limestone	-	-	12.8-17.1
					Blue/Red	Shale	-	-	17.1-33.8
1700629	26.5	06/28/1951	6.1	Domestic & Agricultural	-	Sand	-	-	0-25.6
					Blue	Shale	-	-	25.6-26.5
1701131	9.1	10/01/1970	5.5	Domestic – Water Supply	Brown	Topsoil	Sandy	-	0-0.3
					Brown	Clay	-	-	0.3-5.5
					Grey	Clay	Sand	-	5.5-6.1

					Grey	Clay	-	-	6.1-8.5
					Grey	Clay	Sand	Gravel	8.5-9.1
1703667	13.7	07/20/1988	1.8	Domestic/ Commercial – Water Supply	Brown	Sand	Silt	-	0-9.1
					Brown	Gravel	Silt	-	9.1-13.4
					White	Limestone	-	-	13.4-13.7
1703166	24.4	09/19/1985	4.6	Domestic – Water Supply	Brown	Fill	Gravel	-	0-1.0
					Brown	Sand	Gravel	Clay	1.0-12.2
					White	Shale	Clay	-	12.2-14.6
					White	Limestone	-	-	14.6-18.3
					Red/Blue	Shale	-	-	18.3-24.4

APPENDIX

G SITE PHOTOGRAPHS

1. View of Phase One Property showing driveway leading to demolished structures, facing west.

2. View of northeast portion of Phase One Property.

3. View of northeast corner of Phase One Property and Prince of Wales Rd W facing north.

4. View of southeast portion of Phase One Property facing south.

5. View of pond located in the center of the Phase One Property.

6. View of driveway leading to demolished buildings and possible location of historical waste disposal area.

7. View of northwest portion of the Phase One Property.

8. View of debris (concrete, metal, etc.) leftover from demolishing structures.

9. View above ground storage tank located in center of Phase One Property.

10. View of possible location of waste disposal area located in center of Phase One Property.

11. View of oil and grease containers found in the center of Phase One Property.

12. View of oil and grease containers found in the center of Phase One Property.

13. View of oil and grease containers found in the center of Phase One Property.

14. View of southwest portion of Phase One Property, facing north.

15. View of Boyne River cutting through the southwest corner of the Phase One Property.

16. View of Petro Canada gas station, currently under construction on the southeast corner of Hwy 89 & Prince of Wales Rd W.

17. View of Petro Canada gas station located on a south adjoining property.

18. View of waste disposal dumpsters located on a south adjoining property.