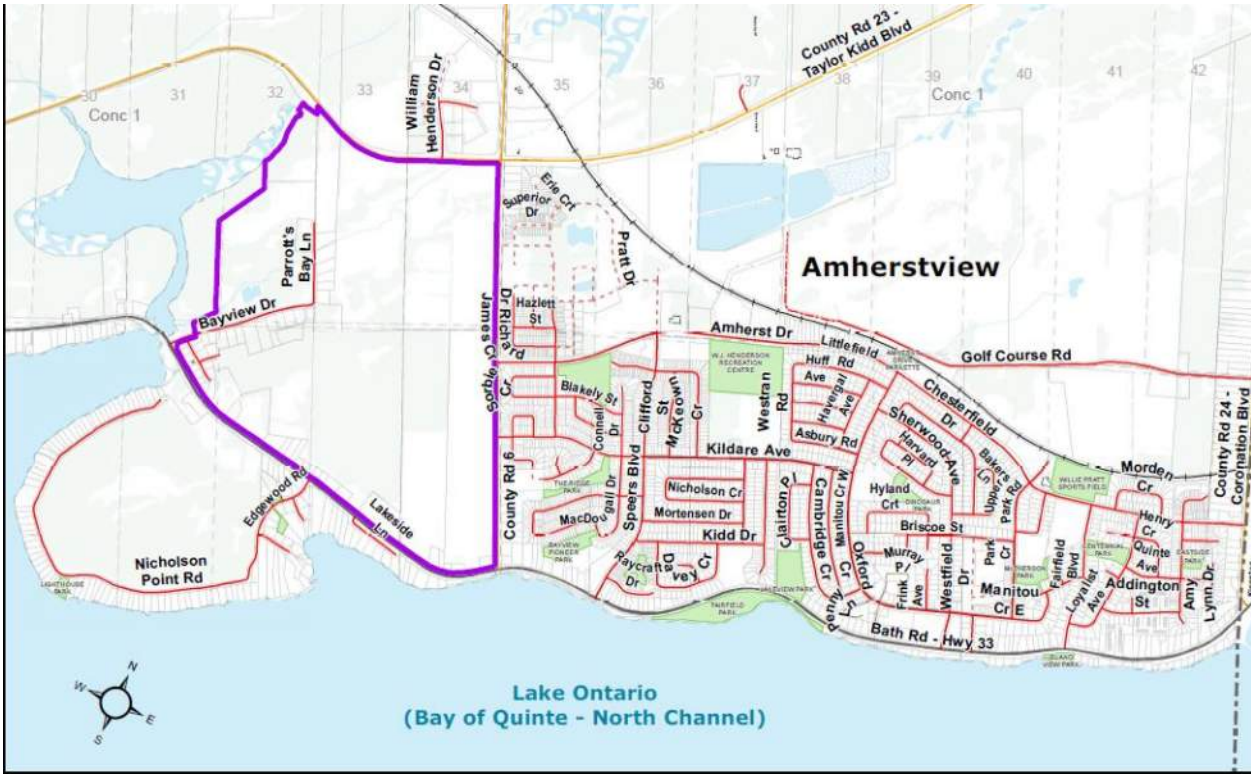
Loyalist Township

Amherstview West Secondary Plan

Phase One Environmental Site Assessment

SEPTEMBER 28, 2021



Amherstview West Secondary Plan

Phase One Environmental Assessment

Loyalist Township

PROJECT NO.: 211-01353-00
DATE: SEPTEMBER 2021

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September 28, 2021

Loyalist Township
Box 70, 18 Manitou Crescent West
Amherstview, ON
K7N 1S3

Attention: Bohdan Wynnyckyj, RPP

Dear Mr. Wynnykyj:

Subject: Phase One Environmental Site Assessment – Amherstview West Secondary Plan, Amherstview, ON

We are pleased to present our report documenting the results of the Phase One Environmental Site Assessment completed at the above-noted property.

The assessment was completed according to Ontario Regulation 153/04, as amended. The report describes the interpreted environmental conditions at the property based on available information and observations and provides conclusions for your consideration.

Thank you for the opportunity to be of service on this project. We trust that this information is sufficient for your current needs. If you have any questions or require further information, please contact us.

Yours sincerely,

Ashley McKenzie, P,Eng., QP_{ESA}
Team Lead – Contaminated Lands

GMJ/gmj

WSP ref.: 211-01353-00

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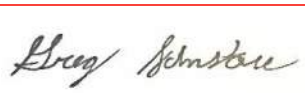
QUALITY MANAGEMENT

ISSUE/REVISION	FIRST ISSUE	REVISION 1	REVISION 2	REVISION 3
Report	Phase One ESA Report	Phase One ESA Report	Phase One ESA Report	
Date	April 15, 2021	July 28, 2021	September 28, 2021	
Prepared by	Greg Johnstone	Greg Johnstone	Greg Johnstone	
Signature	DRAFT	DRAFT		
Authorised by	Ashley McKenzie	Ashley McKenzie	Ashley McKenzie	
Signature	DRAFT	DRAFT		
Project number	211-01353-00	211-01353-00	211-01353-00	
Report number	01	02	03	
File reference	Phase One ESA – Amherstview, Ontario	Phase One ESA – Amherstview, Ontario	Phase One ESA – Amherstview, Ontario	

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Tables (Appended to Report)

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GLOSSARY

ABNs	acid-base neutral compounds
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
Ca	calcium
CN^-	cyanide
COPC	contaminant(s) of potential concern
CPs	chlorophenyls
Cr^-	chromium
Cr (VI)	hexavalent chromium
CSM	conceptual site model
EC	electrical conductivity
ECA	Environmental Compliance Approval
ERIS	Environmental Risk Information Services
ESA	environmental site assessment
FIP	fire insurance plan
FOI	freedom of information
ha	hectare(s)
Hg	mercury
km	kilometre(s)
L	litre(s)
m	metre(s)
Mg	magnesium
Metals	O. Reg. 153/04 regulated metals as per Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the *Environmental Protection Act*

mASL	metres above sea level
mBGS	metres below ground surface
MNDM	Ministry of Northern Development and Mines
MNRF	Ministry of Natural Resources and Forestry
MECP	Ministry of the Environment, Conservation and Parks
NPRI	National Pollutant Release Inventory
N/S	not specified in Table 2, Schedule D, of O. Reg. 153/04
Na	sodium
OCs	organochlorine pesticides
O. Reg. 153/04	Ontario Regulation 153/04, as amended
O. Reg. 347	Ontario Regulation 347, as amended
ORP	other regulated parameter(s) per Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the *Environmental Protection Act*
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
PHC	petroleum hydrocarbon
PIN	property identification number
QA	quality assurance
QC	quality control
QP_{ESA}	Qualified Person for ESAs according to MECP (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
UST	underground storage tank
VOC	volatile organic compound(s)

1 Executive Summary

WSP Canada Inc. (WSP) were retained by Loyalist Township to complete a Phase One Environmental Site Assessment (ESA) for the properties located within the proposed Amherstview West Secondary Plan area (hereafter referred to as the 'Phase One Property' or the 'Site'). We understand that this Phase One ESA was requested for due diligence purposes to inform the development of the Amherstview West Secondary Plan. In conjunction with the Amherstview West Secondary Plan, a Municipal Class Environmental Assessment (MCEA) Master Plan process is being followed to identify municipal infrastructure improvements needed to service the Secondary Plan study area; the Phase One ESA will also support the MCEA process. As such, filing a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation, and Parks (MECP) for the Site is not required at this time.

The Site is located northwest of the intersection of Bath Road and County Road 6, southwest of the intersection of County Road 6 and Taylor Kidd Boulevard and east of the intersection of Bayview Drive and Bath Road in a residential area in the Town of Amherstview. The Site is irregular in shape, occupying an area of approximately 172 ha (425 acres). The Phase One Property is currently utilized for residential and agricultural purposes or is vacant. Future development is anticipated on the Site, with the development details not yet finalized.

The scope of this Phase One ESA conforms to the general requirements outlined in Ontario Regulation 153/04, as amended (O. Reg. 153/04). The objectives of the Phase One ESA were to 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, identify the areas of potential environmental concern (APECs) and contaminants of potential concern (COPCs) from the PCAs, and 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.

Based on information obtained as part of the Phase One ESA, WSP presents the following findings:

- The first developed use of the Site was determined by a review of the county atlas, aerial photographs, and records review. Based on the 1878 County Atlas, it appears that the Phase One Property was historically comprised of multiple smaller parcels of land owned by various owners. Based on the historical aerial photographs reviewed for this assessment, it appeared that portions of the Site were developed for residential purposes starting in the early 1950s.
- The Phase One Property is sloped with an elevation range of approximately 80 - 100 metres above sea level (masl). The topography in the vicinity of the Phase One Property slopes to the south and west. Based on the local topography, the inferred shallow ground water flow direction of the Phase One Study Area is towards a tributary of Lake Ontario running across the northern portion of the Site and towards Lake Ontario in the southern portion of the Study Area. Lake Ontario is located 50 m south of the Site and Parrott's Bay is located 150 m west of the Site. The ground water flow direction on the Phase One Property can only be confirmed through long-term ground water monitoring.
- The Site is situated in the Napanee Plain physiographic region. Surficial geology in the vicinity of the Site is described as Paleozoic bedrock and massive to well laminated, fine textured glaciolacustrine deposits of silt, clay and minor sand and gravel. The underlying bedrock within the area is shale, limestone, dolostone, arkose and sandstone of the Ottawa and Simcoe Groups and Shadow Lake Formation. Based on a review of the MECP well records, the depth of the bedrock in the vicinity of the Site is approximately 1-2 m.
- Due to the agriculture use of the property, pesticides have likely been used across the Site.
- During the site reconnaissance metal drums, and other scrap metal were observed on the southeast portion of the Site. Due to the unknown nature of the materials previously contained within the metal drums, the dumping area requires additional investigation.
- The Site is located adjacent to multiple heavily trafficked roadways and as such, seasonal de-icing activities occur for vehicle and pedestrian safety.

Based on the information obtained and reviewed during this Phase One ESA, PCAs have been identified on the Site and/or within the Phase One Study Area that we have assessed as contributing to two (2) APECs on the Phase One Property. Based on the PCAs and APECs identified, the associated contaminants of potential concern (COPCs) include metals and other regulated parameters (ORPs), petroleum hydrocarbons (PHCs), volatile organic hydrocarbons (VOCs), and polycyclic aromatic hydrocarbons (PAHs). Based on the findings of the Phase One ESA, a Phase Two ESA is recommended in order to investigate the identified APECs and further assess the existing soil and ground water conditions at the Site.

2 Introduction

WSP was retained by Loyalist Township to complete a Phase One ESA for the properties located within the proposed Amherstview West Secondary Plan area (hereafter referred to as the 'Phase One Property' or the 'Site'). We understand that this Phase One ESA was requested for due diligence purposes to inform the development of the Amherstview West Secondary Plan. In conjunction with the Amherstview West Secondary Plan, a Municipal Class Environmental Assessment (MCEA) Master Plan process is being followed to identify municipal infrastructure improvements needed to service the Secondary Plan study area; the Phase One ESA will also support the MCEA process. As such, filing a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation, and Parks (MECP) for the Site is not required at this time.

The Site is located northwest of the intersection of Bath Road and County Road 6, southwest of the intersection of County Road 6 and Taylor Kidd Boulevard and east of the intersection of Bayview Drive and Bath Road in a residential area in the Town of Amherstview. The Site is irregular in shape, occupying an area of approximately 172 ha (425 acres). The Phase One Property is currently utilized for residential, agricultural and vacant purposes, occupied by many residential homes. Future development of the Secondary Plan area is anticipated. The location and configuration of the Site is provided on Figure 1 and Figure 2, attached.

2.1 Phase One Property Information

Property information for the Site is provided in the table below.

Table 2-1: Property Information

CRITERIA	PHASE ONE PROPERTY INFORMATION
i. Current Property Owner	Loyalist Township
ii. Phase One Representative	Bohdan Wynnyckyj, RPP Loyalist Township Box 70, 18 Manitou Crescent West, Amherstview, ON, K7N 1S3 Tel: 613-386-7351 Email: bwynnyckyj@loyalist.ca
iii. Municipal Address	Amherstview West Secondary Plan – Amherstview, ON
iv. Property Identification Numbers (PINs)	Multiple Properties, Unknown
v. Legal Descriptions	Multiple Properties, Unknown

A Plan of Survey was not provided to WSP as part of this assessment.

3 Scope of Investigation

The purpose of the assessment was to:

- Determine the actual or potential environmental liabilities at the Site;
- Characterise any liabilities of environmental concern;
- Assess environmental risks; and
- Provide a basis for subsequent investigation of the Site based on the Phase One ESA findings.

As such, the objective of the assessment was to undertake a Phase One ESA for the Site in general accordance with O. Reg. 153/04, including:

- Records Review;
- Interviews and Correspondence;
- Site Reconnaissance; and
- Preparation of a Phase One ESA Report, including a Phase One Conceptual Site Model (CSM).

4 Records Review

The sections below provide a summary of the records review undertaken by WSP in general accordance with O. Reg 153/04 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.

The following information sources were used to obtain these records:

- An Environmental Risk Information Services (ERIS) Custom Report was obtained for the Site and lands within a 250-m radius of the Site. A copy of the ERIS report is provided in **Appendix A**. Searches of databases and records not included in the ERIS report were conducted specifically for the Phase One Property, as referenced in the applicable sections below;
- Information and records were requested from the Technical Standards Safety Authority (TSSA). Copies of the request and the response is included in **Appendix B**; and
- Aerial photographs of the Phase One Property and surrounding Study Area were obtained from ERIS and Google Earth. Copies of the aerial photographs are provided in **Appendix C.**

4.1 General

Table 4-1:Summary of General Records Review

SOURCE	RECORDS REVIEW RESULT
i. Phase One Study Area Determination	The Phase One ESA Study Area for this undertaking included properties wholly, or partly, within 250 m of the site boundary. Properties wholly beyond 250 m of the site boundary were not added to the Study Area due to low potential impact to the environmental condition of the Site. The limits of the Phase One Study Area are presented on Figure 1.
ii. First Developed Use Determination	The first developed use of the Site was determined by a review of the county atlas, aerial photographs, and records review. Based on the 1878 County Atlas, it appeared that the Phase One Property was historically comprised of multiple smaller parcels of land owned by various owners. Based on the historical aerial photographs reviewed for this assessment, it appeared that portions of the Site were developed for residential purposes starting in the early 1950s.
iii. Fire Insurance Plans (FIPs)	No FIPs were available for the Site or lands within 250 m of the Phase One Property.
iv. Chain of Title	A chain of title was not provided to WSP as part of this investigation. Given the scale of the Site and that the study is for due diligence purposes, a Chain of title is not required at this time.
v. Environmental Reports	No previous reports were provided to WSP as part of this assessment.
vi. City Directories	No city directories were available for the Site or lands within 250 m of the Phase One Property.

4.2 Environmental Source Information

Table 4-2: Summary of Environmental Source Records Review

SOURCE	RECORDS REVIEW RESULT
i. Environmental Risk Information Services Report (ERIS) Standard Report	WSP obtained an ERIS Custom Report for the Phase One Property and surrounding Study Area. The ERIS report tabulates the results of a search of provincial, federal, and private source databases which are considered relevant in the identification of potential environmental risks associated with the Site. The ERIS Report identified thirty-six (36) records for the Site, and seventy (70) records for properties within the Phase One Study Area. The ERIS report also identified several records which were "unplottable" but pertained to the Phase One Study Area. Records pertaining to the Site are summarized in subsequent sections below, along with notable records found within the Study Area. A copy of the ERIS report is included as **Appendix A**.
ii. National Pollutant Release Inventory (NPRI)	The ERIS report did not identify any NPRI records for the Phase One Property or Phase One Study Area.
iii. PCB Inventories	The ERIS report did not identify PCB Inventory records for the Site or Phase One Study Area.
iv. MECP Environmental Compliance Approval (ECA), Certificates of Approval (CA), Permits to Take Water (PTTW) and Certificates of Property Use (CPU)	The ERIS report did not identify MECP ECA, CA, PTTW, or CPU records for the Site; however, two (2) MECP ECA records for properties within the Study Area were identified for municipal and private sewage works. Additionally, twenty-two (22) MECP CA, ECA and PTTW records were identified in the unplottable records summary and the exact locations could not be located. The records were attributed to municipal drinking water, municipal and private sewage, air emissions, and one (1) permit to take water. Based on the nature of these records identified, they are not anticipated to have impacted the environmental quality of the Site and are not listed herein. Details pertaining to these records can be found in the ERIS report in **Appendix A**.
v. Inventory of Coal Gasification Plants	The ERIS report did not identify records of coal gasification plants or coal tar sites relating to the Phase One Property or Phase One Study Area.
vi. Records of Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections	An FOI request was submitted to the MECP, requesting information pertaining to environmental incidents, orders, offences, spills, discharges of contaminants, or inspections for the Phase One Property. A response has not yet been received from the MECP regarding the FOI request and notification will be provided if any records are identified by the MECP file search. A copy of the MECP FOI request form and confirmation of receipt can be found in **Appendix B**. The ERIS report identified one (1) record of a spill within the Phase One Property, and two (2) records of spills and four (4) incidents were identified within the Phase One Study Area, including: — In February 2019, Loyalist Acres located at 4699 Bath Road on the Site was reported as impacting the neighbouring property with manure runoff. Based on the

SOURCE	RECORDS REVIEW RESULT
	nature of this spill, it presents a low potential for environmental impacts to the Site at this time. Due to the distance of the remaining incidents and spills, nature of the contaminants and/or the location relative to the inferred ground water flow direction, the remaining records are not considered to be contributing to an APEC and are not listed herein. Details pertaining to these additional records can be found in the ERIS report in **Appendix A**.
vii. O. Reg. 347 Waste Generators / Receivers Summary Records	The ERIS Report did not identify Waste Receiver Records for the Site or Phase One Study Area. The ERIS report did not identify any Waste Generator Records for the Site; however, one (1) Waste Generator Record was identified for a property within the Phase One Study Area, as summarized below: — Brendar Environmental Inc. located at 106 William Henderson Drive Lot 4, the north adjacent property to the Site, was registered for the generation, use and/or storage of halogenated pesticides and herbicides; waste crankcase oils and lubricants; alkaline solutions – containing heavy metals; alkaline solutions – containing other metals and non-metals (not cyanide); waste from the use of pigments, coatings and paints; non-halogenated rich organics; waste compressed gases including cylinders; acid solutions – containing other metals and non-metals; pharmaceuticals; other specified inorganic sludge, slurries, or solids; petroleum distillates; misc. waste organic chemicals, waste oils and sludges; light fuels; inert organic wastes; acid solutions – containing heavy metals; and non-halogenated lead organics as of July 2020. Due to the distance of the waste generator from the Site, nature of the waste, and/or the location relative to the inferred ground water flow direction, the operation above is not considered to be contributing to an APEC.
viii. MECP Waste Disposal Inventory	The ERIS report did not identify records pertaining to the Phase One Property or Phase One Study Area with regards to large or small scale, active or closed landfill sites.
ix. Records of Fuel Storage	An information request was submitted to the TSSA pertaining to underground and aboveground fuel storage for the Site and adjacent properties. The TSSA response indicated that no records were identified pursuant to WSP's request. Copies of the TSSA request and response are included in **Appendix B**. The ERIS report did not identify records of fuel storage for the Phase One Property or Phase One Study Area.
x. Environmental Registry	The ERIS report did not identify records of Environmental Registrations for the Phase One Property; however, two (2) Environmental Registrations were identified for properties within the Phase One Study Area, as summarized below. — In February 2019, Brendar Environmental Inc. located at 106 William Henderson Drive Lot 4, the north adjacent property to the Site (approximately 110 m away) was registered with ECA #013-4770 for the disposal of waste. The MECP database indicates that ECA is for a municipal and subject waste transfer and process site to service the local municipalities, residents and industries for managing hazardous and liquid industrial wastes. No materials are disposed of at this site, but rather stored and then transferred to a licensed downstream facility for final disposal. The activities at this property consists of re-packing, bulking and/or solidification of

SOURCE	RECORDS REVIEW RESULT
	waste materials, including but not limited to paint, oil, solvents, anti-freeze, contaminated materials (soils and debris), aerosol cans and fluorescent tubes. Due to the location from the Phase One Study area, and the nature of the activities at the property, there is a low potential for environmental impact to the Phase One Property at this time. The remaining record in the ERIS report was unable to be located within the Phase One Study Area. In addition, two (2) unplottable environmental registry records were identified in the unplottable summary that could not be located. No Record of Site Condition filings were identified for the Phase One Property or for properties within the Phase One Study Area.
xi. Abandoned Mine Information System	The ERIS Report did not identify any Abandoned Mine Records for the Phase One Property, however one (1) Abandoned Mine Record was identified for a limestone quarry: Amherstview Quarry 2. Based on the interview conducted with representatives from Loyalist Township, the abandoned mine record was an error in the ERIS report and no mine has historically been located in the Phase One Study Area.
xii. Mineral Occurrences	The ERIS Report did not identify any Mineral Occurrence Records for the Phase One Property, however one (1) Mineral Occurrence Record was identified for a limestone quarry: Amherstview Quarry 2. Based on the interview conducted with representatives from Loyalist Township, the mineral occurrence record was an error in the ERIS report and no mine has historically been located in the Phase One Study Area.
xiii. Scott's Manufacturing Directory	The ERIS report did not identify any manufacturing records for the Phase One Property or within the Phase One Study Area.
xiv. Areas of Natural Significance	The Natural Heritage Areas database lists areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands environmentally significant areas, habitats of a threatened or endangered species, and wilderness areas. A review of this database listed the Henslow's Sparrow, Barn Swallow, Louisiana Water thrush, Eastern Meadowlark, Bobolink, Blanding's Turtle, and Loggerhead Shrike as endangered or threatened species within 1 km of the Site. Additionally, the Parrott's Bay Conservation Area was listed as a natural area and a colonial water bird nesting area was noted. The Phase One Property is located within a residential neighbourhood with a large amount of forested area and adjacent waterbodies and is likely to provide shelter for such species. A Natural Heritage review is being completed by WSP to inform the development of the Secondary Plan and will provide further information regarding areas of natural significance and species of conservation concern within the study area. A summary of this review is provided under separate cover.

4.3 Physical Setting Sources

Table 4-3: Summary of Physical Setting Sources Records Review

SOURCE	RECORDS REVIEW RESULT
i. Aerial Photographs – National Air Photo Library	Aerial photographs from ERIS and Google Earth were reviewed as part of this assessment. No aerial photographs were available for the Phase One Property or the surrounding Study Area pre-development. The first available aerial photograph from 1954 was reviewed in order to determine early land use. Subsequent aerial photographs were obtained for review at approximately ten-year intervals, as available (i.e., 1966, 1974, 1987 and 1995) in order to observe changes to the Phase One Property and surrounding Study Area over time. The County Atlas was utilized to obtain a more historical image from 1878, and Google Earth was utilized to obtain more recent satellite images from 2008, and 2014. Significant information depicted from these photographs, where possible, is summarized below. Copies of the documents are provided in **Appendix C**. **County Atlas – 1878** – The Phase One Property is made up of numerous smaller properties owned by many different owners. The Site appeared to be utilized for both residential and agricultural purposes. **1954** – The Phase One Property appeared to be largely vacant and used for agricultural purposes. Some residences were present on the southern and western portions of the Site. – Bayview Drive and Parrott's Bay Lane were present on the western portion of the Site. – The surrounding area appeared to be used for agricultural purposes with very little development. **1966** – Additional residences had been constructed on the western and southern portions of the Phase One Property. – Some residential development appeared to have occurred to the south of the Site. **1974** – The Site and surrounding Study Area appeared similar to the 1966 air photo. **1987** – Additional residences had been constructed on the western and southern portions of the Phase One Property. – Taylor Kidd Boulevard had been constructed to the north and Amherst Drive had been constructed to the east of the Site. – Residential or commercial development had occurred to the east of the Site. **1995** – The Site and surrounding Study Area appeared similar to the 1987 aerial photo. **2008** – The Site appeared similar to the 1995 aerial photo. – Loyalist East Business Park Phase 1 appeared to be constructed to the north of the Site. – Additional development had occurred to the east and southeast of the Site.

SOURCE	RECORDS REVIEW RESULT
	2014 — The Site appeared similar to the 2008 air photo. — Additional development had occurred to the east and southeast of the Site. **2020** — Additional development has been completed north of the Site, including Brendar Environmental Inc. and service stations/maintenance garages. — Additional residential development has been completed east of the Site. — Grading is occurring east of the Site, in the north eastern portion of the Phase One Study Area. — The Site appeared similar to the 2014 air photo.
ii. Topography, Hydrology, Geology	The Site topography is sloped with an elevation range of approximately 80 - 100 masl. Stormwater runoff from the Site enters roadside ditches along Bath Road to the south, County Road 6 to the east, Bayview Drive and Parrott's Bay Lane to the west and a tributary of Lake Ontario in the northern portion of the Site. The topography in the vicinity of the Phase One Property slopes to the south and west. Based on the local topography, the inferred shallow ground water flow direction of the Phase One Study Area is towards a tributary of Lake Ontario running northwest to southwest across the northern portion of the Site and towards Lake Ontario in the southern portion of the Study Area. Lake Ontario is located 50 m south of the Site. The ground water flow direction on the Phase One Property can only be confirmed through long-term ground water monitoring. The Site is situated in the Napanee Plain physiographic region. This physiographic region is generally characterized by a flat to undulating plain of limestone with stripped overburden (Chapman and Putnam, 1984). Surficial geology in the vicinity of the Site is described as Paleozoic bedrock and massive to well laminated, fine textured glaciolacustrine deposits of silt, clay and minor sand and gravel (MNDM 2016). The underlying bedrock within the area is shale, limestone, dolostone, arkose and sandstone of the Ottawa and Simcoe Groups and Shadow Lake Formation (MNDM 2016). Based on a review of the MECP well records, the depth of the bedrock in the vicinity of the Site is approximately 1-2 m. The topography and the location of the Site relative to waterbodies within the Study Area is provided on Figure 1, attached.
iii. Fill Materials	Based on the records review it is not anticipated that fill is located on the Phase One Property.
iv. Water Bodies and Areas of Natural Significance	A tributary flows southwest across the northern portion of the Site toward Parrott's Bay (a bay of Lake Ontario) located approximately 150 m west of the Site. Lake Ontario is located 50 m south of the Site. Parrott's Bay Conservation is located west adjacent to the Site.
v. Well Records	The ERIS report identified thirty-five (35) well records for the Phase One Property and forty-eight (48) records were identified within the surrounding Study Area. Based on a review of these records, the stratigraphy in the vicinity of the Site was generally described as brown clay in depth from surface to 3.35 mbgs, underlain by limestone to the maximum depth of investigation (53.3 mbgs). The depth to ground water on the Site is estimated at depths greater than 20 mbgs. Multiple domestic supply wells and abandoned domestic supply wells were identified. The approximate well locations are depicted on Figure 1.

4.4 Site Operating Records

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; or,
- for the operation of dry-cleaning equipment.

The Phase One Property was not utilized for any of the property uses and is therefore not considered an enhanced investigation property.

5 Interviews

WSP conducted the following interviews with persons knowledgeable about the Phase One Property. The following table provides a summary and assessment of the information gleaned from the interviews.

Table 5-1: Details of The Phase One Interview

REQUIRED INFORMATION	SPECIFICS
i. Date, place, and method of the interviews and the name of person being interviewed	Date: March 24, 2021
	Place: Phone
	Interview method: Phone
	Interviewee: Mr. Murray Beckel and Mr. Dave Thompson
ii. Reason that the person was identified as an interview subject	Mr. Beckel and Mr. Thompson have been employees with Loyalist Township for over 25 years and are considered knowledgeable about current past operations at the Site.
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer	Mr. Beckel and Mr. Thompson were not aware of any potentially contaminating activities currently occurring on the Site. Mr. Beckel and Mr. Thompson noted a hydro substation located to the east of the Site. WSP discussed the abandoned mine record with Mr. Beckel and Mr. Thompson who confirmed that this record was likely an error in the ERIS report and no mine has historically been located in the Phase One Study Area.
iv. Reliability	The information provided by Mr. Beckel and Mr. Thompson regarding fuel storage is generally consistent with the ERIS report and TSSA. Through a comparison of the information provided by Mr. Beckel and Mr. Thompson with information collected through the records review, WSP believes that they are a reliable source for valid information about the Site.

6 Site Reconnaissance

A site reconnaissance of the Phase One Property was conducted by WSP as part of this assessment. The reconnaissance included a visual inspection of adjacent properties and properties located within the Phase One Study Area, conducted from the boundary of the Site and from publicly accessible areas to identify any PCAs. A written description documenting the observations and investigation of the Phase One Property and Phase One Study Area is provided in the following subsections.

6.1 General Requirements

Table 6-1: Site Reconnaissance Investigation Details

CRITERION	PHASE ONE PROPERTY INFORMATION
i. Date of investigation	April 6, 2021
ii. Weather conditions	The weather conditions were clear during the site reconnaissance.
iii. Length of time of the investigation	2- 2.5 hours
iv. 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) of the regulation	The Site was largely vacant except for agriculture in the southeast portion and residences in the west and southern portions of the Site. At the time of this assessment the Phase One Property was not considered to be operating as an enhanced investigation property.
v. The name and qualifications of the person conducting the investigation	The site reconnaissance was conducted by Ms. Lisa Gardiner, B.Sc. Ms. Gardiner's qualifications are outlined in Section 8.4

Select photographs taken during the Site reconnaissance, including a written description and explanation, are provided in **Appendix D**.

6.2 Specific Observations At the Phase One Property

Table 6-2: Site Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
STRUCTURES	
i. Subject Site Structures and Improvements including Number and age of Buildings and Below-Ground Structures	The Site contained many single-family residential homes and a sheep farm located in the southeast corner of the Phase One Property.
ii. Underground Storage Tanks (UST)	No evidence of any USTs was observed, such as vent and fill pipes, on the Phase One Property. WSP did not enter individual residential properties as part of this reconnaissance.
iii. Above Ground Storage Tanks (AST)	There were no ASTs observed during the site reconnaissance. The Site representative was unaware of any historical ASTs at the Site.

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
iv. Potable and Non-Potable Water Sources	Potable water is supplied by the municipality to most of the residences on the Site. Some of the residences on the southwest portion of the Site are serviced by potable water wells.
UNDERGROUND UTILITIES	
i. Underground Utilities and Corridors	Underground utilities and corridors exist under the Phase One Property to connect the residences on the Phase One Property to municipal water and supplied utilities. Underground hydro, gas and above ground telecommunication lines enter the Site from Bath Road, Bayview Drive, Brookland's Park Avenue, Harrow Court and Parrott's Bay Lane on the southern and southwestern portions of the Site.
INTERIOR OF STRUCTURES	
i. Entry and Exit Points	Each building on Site has various entry and exit points.
ii. Details of Former or Existing Heating & Cooling Systems	The buildings on the Site are anticipated to be heated by natural gas furnaces. Some of the residences may have air conditioning units. Individual residences were not entered as part of this reconnaissance.
iii. Details of Drains, Pits, and Sumps, including Current and Former Use and Any Evidence of Staining or Corrosion	No drains, pits and sumps were observed during the site reconnaissance. Individual residences were not entered as part of this reconnaissance.
iv. Datils of Any Unidentified Substances	No unidentified substances were observed during the investigation.
MISCELLANEOUS	
i. Details and Location of Wells	Potable water wells were observed within the residential subdivision on the southwest portion of the Site.
ii. Details of Sewage Works, including Location	Each residence on the Site is serviced by septic systems.
iii. Ground Surface Details	The ground surface of the Site was primarily covered by forest and agriculture pastures. At the time of the reconnaissance, snowmelt had just occurred, therefore the type of agricultural use could not be verified. It is likely that cash crops (corn, soy, etc.) are grown and therefore have a low potential for environmental concern for the Site.
iv. Former or Current Railway Lines or Spurs	No railway lines exist on the Site.
EXTERIOR OBSERVATIONS	
i. Areas of Stained Soil, Vegetation or Pavement	No areas of stained soil, pavement, or vegetation were observed on the Site.
ii. Areas of Stressed Vegetation	There was no evidence of stressed vegetation observed on the Site.

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
iii. Areas Where Fill and Debris Materials Appear to Have Been Placed or Graded	A large pile of scrap metal and metal drums with unknown contents was observed on the southeastern portion of the Site. The location of this debris is shown on Figure 1 and Figure 2.
iv. Potentially Contaminating Activity	A large pile of scrap metal and metals drums with unknown contents was observed on the southeastern portion of the Site. The location of this debris is shown on Figure 1 and Figure 2.
v. Details of Unidentified Substances Found at the Property	There were no unidentified substances observed outside the building at the Phase One Property.

6.3 Observations Within Phase One Study Area

Table 6-3: Phase One Study Area Reconnaissance Observations

CRITERION	SPECIFIC OBSERVATIONS
i. Adjacent Land Uses	Adjacent land uses at the time of the Site reconnaissance are illustrated on Figure 1, and were noted as follows: **North:** Taylor Kidd Boulevard, followed by Commercial businesses **South:** Bath Road, followed by Residential **East:** County Road 6, followed by mixed Commercial and Residential **West:** Parrott's Bay Conservation Area
ii. Water Bodies	Lake Ontario is located approximately 50 m south of the Site and Parrott's Bay is located approximately 150 m west of the Site.
iii. Areas of Natural Significance	Parrott's Bay Conservation Area is located west adjacent to the Site.
iv. Potentially Contaminating Activity	During the site reconnaissance, the following PCAs were identified: — Two (2) pole mounted transformers are located on the northwest and southwest portions of the Site; — Brendar Environmental Inc, a waste transfer facility is located approximately 110 m north of the Site; — A small engine repair garage is located approximately 180 m north of the Site; and — Williams Auto Service is located approximately 235 m north of the Site.

7 Review and Evaluation of Information

7.1 Current and Past Uses

The table of current and past uses of the Phase One Property, presented on the form as approved by the Director, is provided as Table 1, attached. The historical property uses were interpreted from records obtained during the Phase One ESA records review.

7.2 Potentially Contaminating Activity

PCAs on the Phase One Property or within the Phase One Study Area that may be contributing to an APEC are summarized in Table 2, attached.

PCAs, including the number and location of USTs (if known), are illustrated on the Phase One Conceptual Site Model that is provided as Figure 1 and Figure 2, attached.

7.3 Areas of Potential Environmental Concern

Based on a review of the PCAs summarized in Table 2, APECs were identified on the Site. The table of APECs presented in the form as approved by the Director is provided as Table 3. The table was prepared in accordance with clause 16(2)(a), Schedule D, O. Reg. 153/04.

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 Phase One Property, as summarized in the table below.

Table 7-1: Phase One Conceptual Site Model

CRITERION	DISCUSSION
i. Figures of the Phase One Study Area	Phase One CSM figures for the Site are presented as Figures 1 and 2. The figures present the following information for the Phase One Property and Phase One Study Area: — Any existing buildings and structures; — Water bodies located in whole, or in part, on the Phase One Study Area; — Areas of natural significance located in whole, or in part, on the Phase One Study Area; — Water wells at the Phase One Property or within the Phase One Study Area; — Roads, including names, within the Phase One Study Area; — Uses of properties adjacent to the Phase One Property; — Areas where any PCAs have occurred, including location of any tanks; and — Location of APECs.

CRITERION	DISCUSSION
ii. Any areas where potentially contaminating activities on, or potentially affecting. the Phase One Property have occurred	Table 2 provides a summary and assessment of the identified PCAs within the Phase One Study Area and at the Phase One Property, including which PCAs were determined to be contributing to an APEC at the Phase One Property. Potentially contaminating activities identified within the Phase One Study Area and on the Phase One Property are shown on Figure 1. PCAs determined to be contributing to an APEC on the Site are shown in red, and PCAs which are considered not to be contributing to an APEC are shown in black. The resulting APECs are illustrated on Figure 2.
iii. Any contaminants of potential concern (COPCs)	Table 3 provides a summary of the APECs on the Phase One Property, identifying the PCAs considered to be contributing to the on-site APECs and indicates their location at the Phase One Property, the associated COPCs, and the medium that is potentially affected. Figure 2 of the Phase One CSM shows the location of the identified APECs.
iv. The potential for underground utilities, if any present, to affect contaminant distribution and transport	Underground utilities have the potential to affect contaminant distribution and transport. The utilities servicing the Site's buildings (natural gas, water and hydro) are present on the southern and southwestern portions of the property along Bath Road, Bayview Drive, Parrott's Bay Lane, Harrow Court and Brooklands Park Avenue. Underground utilities on the Phase One Property and on adjacent properties may affect migration of off-site contaminants to the Phase One Property.
v. Available regional or site specific geological and hydrogeological information	The Site is situated in the Napanee Plain physiographic region. This physiographic region is generally characterized by a flat to undulating plain of limestone with stripped overburden (Chapman and Putnam, 184). Surficial geology in the vicinity of the Site is described as Paleozoic bedrock and massive to well laminated, fine textured glaciolacustrine deposits of silt, clay and minor sand and gravel (MNDM 2016). The underlying bedrock within the area is shale, limestone, dolostone, arkose and sandstone of the Ottawa and Simcoe Groups and Shadow Lake Formation (MNDM 2016). Based on a review of the MECP well records, the depth of the bedrock in the vicinity of the Site is approximately 1-2 m. The Site topography is sloped with an elevation range of approximately 80 - 100 masl. Stormwater runoff from the Site enters roadside ditches along Bath Road to the south and a tributary of Lake Ontario in northern portion of the Site. The topography in the vicinity of the Phase One Property slopes to the south and west. Based on the local topography, the inferred shallow ground water flow direction of the Phase One Study Area is towards a tributary of Lake Ontario running southwest across the northern portion of the Site and towards Lake Ontario in the southern portion of the Study Area. Lake Ontario is located 50 m south of the Site. The ground water flow direction on the Phase One Property can only be confirmed through long-term ground water monitoring. The topography and the location of the Site relative to waterbodies within the Study Area is provided on Figure 1, attached.

CRITERION	DISCUSSION
vi. 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 O. Reg. 153/04 Schedule D Table 1: Mandatory Requirements for Phase One ESA Reports. At the time of this report, a response from the MECP on the FOI request had not been received. t. The evaluation provided in this report reflects our best judgement considering the information available at the time of the report preparation.
vii. If the exemption set out in paragraph 1 or 2 of section 49.1 of the regulation is being relied upon, document the rationale for relying upon the exemption, which may be based on information gathered reconnaissance.	The QP is relying upon the exemption set out in paragraph 1 of section 49.1 of the regulation. Areas of the Phase One Property are where, and directly adjacent to where, road salt has been applied on an annual basis for pedestrian and vehicular safety. For this reason, the exemption is being relied upon.
viii. If there is an intention to rely upon the exemption set out in paragraph 3 of section 49.1 of the regulation, set out the intention to rely upon the exemption and provide a brief explanation as to why the exemption may apply, which may be based on information gathered during one or more of the records review, interviews and site reconnaissance.	Not applicable.

8 Conclusions

A Phase One ESA was conducted for the property located within the study area for the Amherstview West Secondary Plan. It is understood that this Phase One ESA was requested in support of due diligence purposes, and to support the MCEA process being completed concurrently with the development of the Secondary Plan.

Based on the information obtained as part of the Phase One ESA, it is concluded that PCAs on the Site and/or within the Phase One Study Area resulted in the identification of two (2) APECs on the Phase One Property. Based on the APECs identified during this investigation, associated COPCs include metals and ORPs, PHCs, VOCs, and PAHs. The table of APECs presented in the form as approved by the Director is provided in Table 3, attached.

8.1 Whether A Phase Two Environmental Site Assessment Is Recommended

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, it is recommended that a Phase Two ESA be undertaken to characterize soil and ground water quality.

8.2 Qualifier

WSP Canada Incorporated (WSP) prepared this report solely for the use of the intended recipient, Loyalist Township, in accordance with the professional services agreement. In the event a contract has not been executed, the parties agree that the WSP General Terms for Consultant shall govern their business relationship which was provided to you prior to the preparation of this report.

The report is intended to be used in its entirety. No excerpts may be taken to be representative of the findings in the assessment. The conclusions presented in this report are based on work performed by trained, professional and technical staff, in accordance with their reasonable interpretation of current and accepted engineering and scientific practices at the time the work was performed.

The content and opinions contained in the present report are based on the observations and/or information available to WSP at the time of preparation, using investigation techniques and engineering analysis methods consistent with those ordinarily exercised by WSP and other engineering/scientific practitioners working under similar conditions, and subject to the same time, financial and physical constraints applicable to this project.

WSP disclaims any obligation to update this report if, after the date of this report, any conditions appear to differ significantly from those presented in this report; however, WSP reserves the right to amend or supplement this report based on additional information, documentation or evidence.

WSP makes no other representations whatsoever concerning the legal significance of its findings.

The intended recipient is solely responsible for the disclosure of any information contained in this report. If a third party makes use of, relies on, or makes decisions in accordance with this report, said third party is solely responsible for such use, reliance or decisions. WSP does not accept responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken by said third party based on this report.

WSP has provided services to the intended recipient in accordance with the professional services agreement between the parties and in a manner consistent with that degree of care, skill and diligence normally provided by members of the same

profession performing the same or comparable services in respect of projects of a similar nature in similar circumstances. It is understood and agreed by WSP and the recipient of this report that WSP provides no warranty, express or implied, of any kind. Without limiting the generality of the foregoing, it is agreed and understood by WSP and the recipient of this report that WSP makes no representation or warranty whatsoever as to the sufficiency of its scope of work for the purpose sought by the recipient of this report.

In preparing this report, WSP has relied in good faith on information provided by others, as noted in the report. WSP has reasonably assumed that the information provided is correct and WSP is not responsible for the accuracy or completeness of such information.

Unless otherwise agreed in writing by WSP, the Report shall not be used to express or imply warranty as to the suitability of the site for a particular purpose. WSP disclaims any responsibility for consequential financial effects on transactions or property values, or requirements for follow-up actions /or costs.

Elevations used in this report are primarily to establish relative elevation differences between the specific testing and/or sampling locations and should not be used for other purposes, such as grading, excavating, construction, planning, development, etc.

Design recommendations given in this report are applicable only to the project and areas as described in the text and then only if constructed in accordance with the details stated in this report. The comments made in this report on potential construction issues and possible methods are intended only for the guidance of the designer. The number of testing and/or sampling locations may not be sufficient to determine all the factors that may affect construction methods and costs. We accept no responsibility for any decisions made or actions taken as a result of this report unless we are specifically advised of and participate in such action, in which case our responsibility will be as agreed to at that time.

Overall conditions can only be extrapolated to an undefined limited area around these testing and sampling locations. The conditions that WSP interprets to exist between testing and sampling points may differ from those that actually exist. The accuracy of any extrapolation and interpretation beyond the sampling locations will depend on natural conditions, the history of Site development and changes through construction and other activities. In addition, analysis has been carried out for the identified chemical and physical parameters only, and it should not be inferred that other chemical species or physical conditions are not present. WSP cannot warrant against undiscovered environmental liabilities or adverse impacts off-Site.

The original of this digital file will be kept by WSP for a period of not less than 10 years. As the digital file transmitted to the intended recipient is no longer under the control of WSP, its integrity cannot be assured. As such, WSP does not guarantee any modifications made to this digital file subsequent to its transmission to the intended recipient.

This limitations statement is considered an integral part of this report.

8.3 Qualifications of the Assessors

Ms. Lisa Gardiner, B.Sc is a Project Lead at WSP with over 19 years of experience in environmental Site assessments. She has conducted numerous Phase I Environmental Site Assessments for industrial, commercial and residential properties and is trained in various hazardous materials and identification of environmental customs. Her previous clients include various Ontario municipalities, provincial ministries, federal departments, housing authorities, school boards, and community colleges. Her work meets the requirements of CSA Standard Z768-01, which involves identifying, defining and quantifying potential environmental liabilities to satisfy due diligence obligations. Past work also has included completion of several Phase II Environmental Site Assessments (CSA Z769-00), field sampling and completion of numerous reporting and coordination work for various clients.

Mr. Greg Johnstone, B.Eng., EIT, is currently an Environmental Consultant in the Aurora, Ontario office of WSP Canada Inc. Greg has obtained a Bachelor of Engineering in Environmental Engineering from the University of Guelph. He has experience conducting investigations for Phase One Environmental Site Assessments, Phase Two Environmental Site Assessments, and soil remediation projects on residential and commercial properties for compliance with Ontario Regulation 153/04 and the Canadian Standards Association (CSA). He also possesses experience in landfill monitoring, water and wastewater reporting, hydrogeological assessments and air quality and noise monitoring.

Ms. Ashley McKenzie, M.A.Sc., P.Eng., QP_{ESA}, is a Professional Engineer licensed in the Province of Ontario, and currently holds the position of Team Lead – Contaminated Lands, Northeast at the WSP Aurora Office. Ashley has obtained a Master of Engineering in Civil Engineering, with an environmental focus, and has been involved in numerous environmental site assessments, soil and groundwater remediation programs, soil management, and long-term monitoring programs for projects ranging between residential land development to industrial uses. Ashley is a Qualified Person (QP_{ESA}) under O.Reg. 153/04.

8.4 Signatures

PREPARED BY

Greg Johnstone, EIT
Environmental Consultant

REVIEWED BY

Ashley McKenzie, P.Eng., QP_{ESA}
Team Lead – Contaminated Lands

9 References

- ERIS, March 11, 2021. Phase One ESA – Loyalist Township. Custom Report. Order No: 21030300370.
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- 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 March 2021.
- Ontario Ministry of Environment, Conservation and Parks. 2020. Environmental Registry of Ontario. Brendar Environmental Inc., Environmental Compliance Approval (waste). https://ero.ontario.ca/notice/013-4770

TABLES

Table 1 - Current and Past Uses of the Phase One Property
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Loyalist Secondary Plan -Amherstview West, Amherstview, Ontario

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1878-Unknown	AW. Craig, Chas S. Clark, Sam Smith,W.M Baker, R.H Baker, Jas Laidley, and John Van	Private Undeveloped Land	Agriculture or other use	Based on the 1878 County Atlas the Phase One Property was split into many smaller parcels of land owned by multiple owners.
Unknown-1970	The Baker Family and Various Private Owners	Residential and Agricultural Land	Agriculture or other use/Residential Use	Based on the interview, WSP was informed that Loyalist Township purchased the land from the Baker Family in June 1970.
1970-2021	Loyalist Township and Various Private Owners	Residential and Agricultural Land	Agriculture or other use/Residential Use	Based on the 1974, 1987, 1995, 2008 and 2014 aerial photographs some residential development had occurred on the western and southern portions of the Site. The balance of the Site remained undeveloped.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O. Reg. 153/04) that applies:

Agriculture or other use
Commercial use
Community use
Industrial use
Institutional use
Parkland use
Residential use

Table 2 - Summary of Potentially Contaminating Activities On-Site and Within Phase One Study Area

(Refer to Table 2, Schedule D, O. Reg. 153/04)

Potentially Contaminating Activity		Description
18	Electricity Generation, Transformation and Power Stations	**Phase One Study Area:** Based on the interview and site reconnaissance a hydro substation is present east adjacent to the Site on the east side of county road 6. Due to the proximity to the Phase One Property, inferred groundwater flow direction and estimated age of the hydro substation, the substation is not anticipated to contribute to subsurface impacts at the Site.
27	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	**Phase One Study Area** - Based on the google maps and the site reconnaissance William Auto Service located at 241 County Road 6, approximately 235 m north of the Site operates as an automotive service garage. Based on the site reconnaissance National Small Engines located at 113 William Henderson Drive, approximately 185 m north of the Site, operates as a small engine repair garage. Due to the proximity from the Phase One Property these operation's are not anticipated to contribute to subsurface impacts on the Site.
55	Transformer Manufacturing, Processing and Use	**Phase One Property:** Based on the site reconnaissance two (2) pole top transformers are present along Parrott's Bay Lane and Brookland's Park Avenue, located on the northwest and southwest portions of the site, respectively. Due to the anticipated age and condition of the transformers they are not considered to contribute to an APEC on the Site.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	**Phase One Study Area:** Based on the ERIS Report, Brendar Environmental located at 106 William Henderson Drive lot 4, the north adjacent property to the Site (approximately 110 m away) was registered with ECA #013-4770 for the disposal of waste. The MECP database indicates that ECA is for a municipal and subject waste transfer and process site to service the local municipalities, residents and industries for managing hazardous and liquid industrial wastes. No materials are disposed of at this site, but rather stored and then transferred to a licensed downstream facility for final disposal. The activities at this property consists of re-packing, bulking and/or solidification of waste materials, including but not limited to paint, oil, solvents, anti-freeze, contaminated materials (soils and debris), aerosol cans and fluorescent tubes. Due to the location from the Phase One Study area, and the nature of the activities at the property, there is a low potential for environmental impact to the Phase One Property at this time.
A	Dumping Activities	**Phase One Study Area:** Based on the site reconnaissance metals drums, and other scrap metal were observed on the southeast portion of the Site. Due to the unknown nature of the materials previously contained within the metal drums the dumping area is considered an APEC on the Site (**APEC 1**).
B	Seasonal De-Icing Activities	**Phase One Property:** The Site is located adjacent to multiple heavily trafficked roadways and as such seasonal de-icing activities occur for vehicle and pedestrian safety. The seasonal de-icing activities contribute to an APEC on the Phase One Property (**APEC 2**).

Notes:

1 - Potentially Contaminating Activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D of O.Reg 153/04

2 - A, B, C represent PCAs not specified in Table 2, Schedule D of O. Reg 153/04

3 - Red highlighting indicates that the PCA is considered contributing to an APEC

Table 3 - Areas of Potential Environmental Concern

(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
1	West portion of the Phase One Property	**A** Dumping Activities	On-site	Metals, PHCs, VOCs, PAHs	Soil & Groundwater
2	Areas adjancent to roadways where de-icing actvities occur	**B** Seasonal De-Icing Activities	On-site	SAR, EC, Cl, Na	Soil & Groundwater

Notes:

1 - Area of Potential Environmental Concern means 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.

2 - Potentially Contaminating Activity means 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

3 - When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs - Acid Base Neutral Compounds
CPs - Chlorophenyls
1, 4 - Dioxane
Dioxins/Furans, PCDDs/PCDFs
OCs - Organochlorine Pesticides
PHCs - Petroleum Hydrocarbons
PCBs - Polychlorinated Biphenyls
PAHs - Polycyclic Aromatic Hydrocarbons
THMs - Trihalomethanes
VOCs - Volatile Organic Compounds
BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
Ca, Mg - Calcium, Magnesium
Metals
As, Sb, Se - Arsenic, Antimony, Selenium
Na - Sodium
B-HWS - Boron (Hot Water Soluble)
Cr^{-} - Chromium
CN^{-} - Cyanide
Electrical Conductivity
Cr (VI) - Hexavalent Chromium
Hg - Mercury
Methyl Mercury
High/Low pH
SAR - Sodium Adsorption Ratio

FIGURES

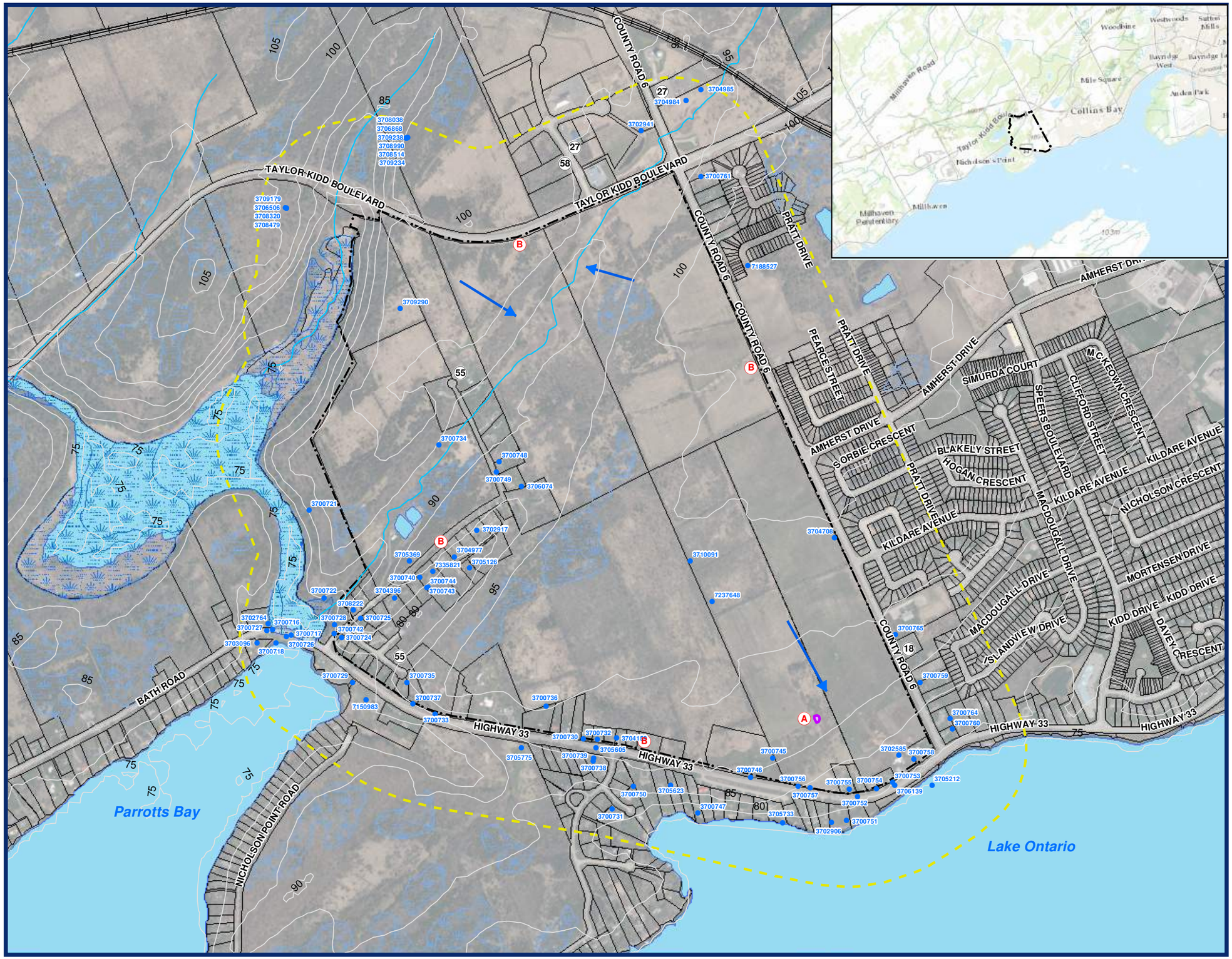


Figure 1
Phase One Conceptual Site Model

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

- SITE BOUNDARY
- 250 m STUDY AREA
- PARCEL FABRIC
- MECP WATER WELL
- 5 m TOPOGRAPHIC CONTOUR
- INFERRED GROUNDWATER FLOW DIRECTION
- RAILWAY
- DEBRIS PILE
- WATERCOURSE
- UNEVALUATED WETLAND
- PROVINCIALLY SIGNIFICANT WETLAND
- WATERBODY
- (#) PCA (NOT CONTRIBUTING TO APEC)
- (#) PCA (CONTRIBUTING TO APEC)

POTENTIALLY CONTAMINATING ACTIVITES (PCAs):

- (18) ELECTRICITY GENERATION, TRANSFORMATION AND POWER STATIONS
- (27) GARAGES AND MAINTENANCE AND REPAIR OF RAILCARS, MARINE VEHICLES AND AVIATION VEHICLES
- (55) TRANSFORMER MANUFACTURING, PROCESSING AND USE
- (58) WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS
- (A) DUMPING ACTIVITIES
- (B) SEASONAL DE-ICING ACTIVITIES

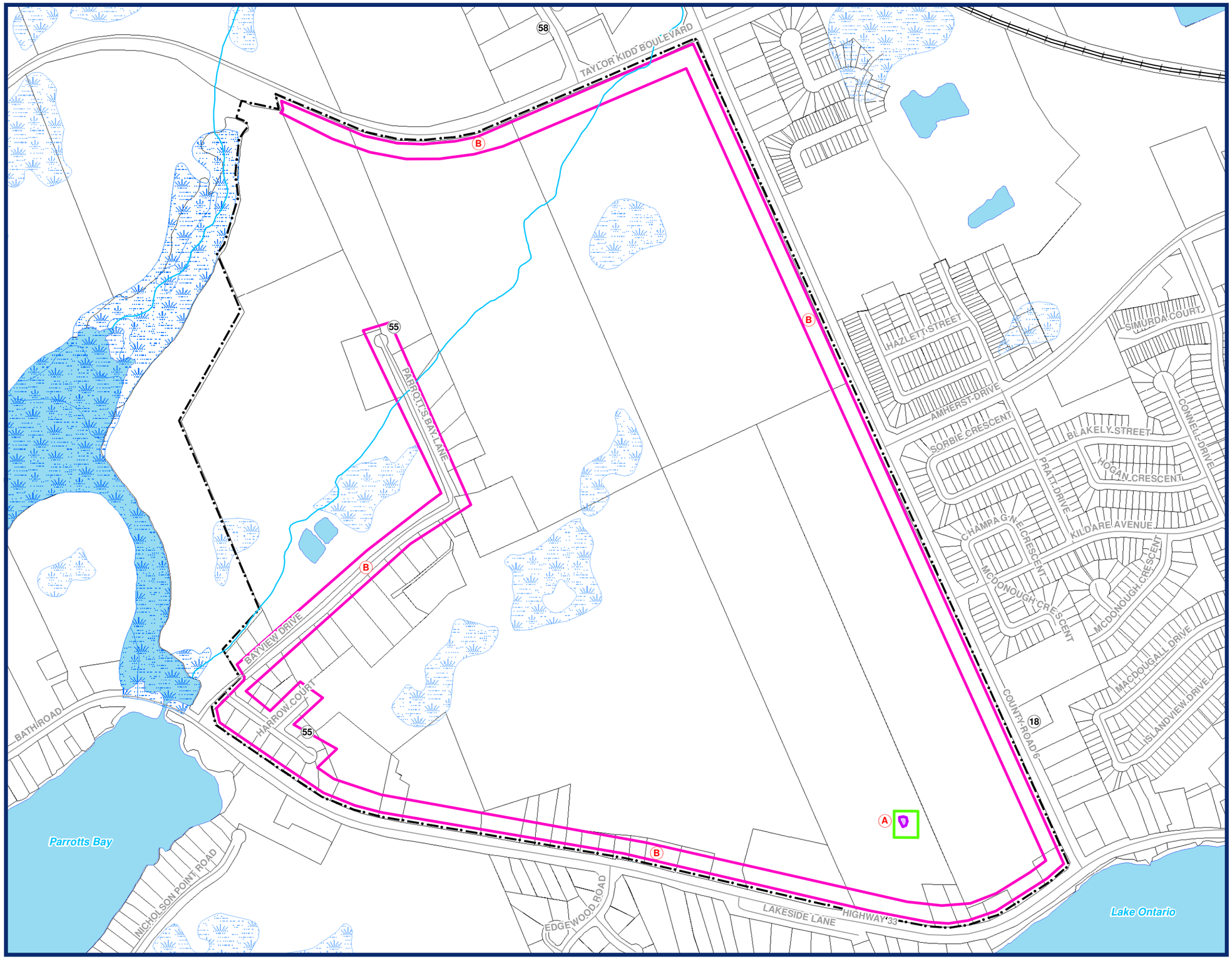
N

0 150 300 450 600 m

April 2021

Source: Loyalist Township; LIO

2611 Queensview Drive Suite 300
Ottawa, ON K2B 8K2
Canada
www.wsp.com



Loyalist Township

Figure 2
Areas of Potential Environmental Concern

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

- SITE BOUNDARY
- PARCEL FABRIC
- RAILWAY
- DEBRIS PILE
- WATERCOURSE
- UNEVALUATED WETLAND
- PROVINCIALLY SIGNIFICANT WETLAND
- WATERBODY
- (#) PCA (NOT CONTRIBUTING TO APEC)
- (#) PCA (CONTRIBUTING TO APEC)
- APEC 1
- APEC 2

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs):

APEC	PCA	COPC	Media
1	A	Metals, PHCs, VOCs, PAHs	Soil & GW
2	B	SAR, EC, Cl, Na	Soil & GW

N

0 100 200 300 400 m

April 2021

Source: Loyalist Township; LIO

wsp
2611 Queensview Drive Suite 300
Ottawa, ON K2B 8K2
Canada
www.wsp.com

APPENDIX

A ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Bath Rd* *Bath Rd* *Loyalist ON K0H 1G0*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21030300370*
Requested by:	*WSP Canada Inc.*
Date Completed:	*March 11, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Bath Rd* *Bath Rd Loyalist ON K0H 1G0*
Project No:	

Order Information:

Order No:	*21030300370*
Date Requested:	*March 3, 2021*
Requested by:	*WSP Canada Inc.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

City Directory Search	*CD - Subject Site plus 250m Radius*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

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	1	1
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	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
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	2	2
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	5	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	1	1
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	4	4
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	1	2	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	35	48	83
	Total:		36	70	106

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 33 con 1 ON ***Well ID:*** 3706074	WNW/0.0	-5.86	30
2	WWIS		lot 33 con 1 ON ***Well ID:*** 3700749	WNW/0.0	-7.80	33
3	WWIS		lot 33 con 1 ON ***Well ID:*** 3700748	WNW/0.0	-7.83	35
4	WWIS		lot 31 con 1 ON ***Well ID:*** 3702917	W/0.0	-9.15	38
5	WWIS		66 BAY VIEW, RR3 lot 1 con 1 BATH ON ***Well ID:*** 3710091	ESE/0.0	1.18	40
6	WWIS		lot 32 con 1 ON ***Well ID:*** 3705126	WSW/0.0	-13.94	47
7	WWIS		lot 32 con 1 ON ***Well ID:*** 3704977	WSW/0.0	-10.83	50
8	WWIS		lot 32 con 1 ON ***Well ID:*** 3700734	WNW/0.0	-8.45	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
9	WWIS		AMHERST DRIVE lot 34 con 1 ON ***Well ID:*** 7237648	ESE/0.0	0.18	55
10	WWIS		30 Bayview Drive lot 32 con 1 BATH ON ***Well ID:*** 7335821	WSW/0.0	-8.33	57
11	WWIS		lot 32 con 1 ON ***Well ID:*** 3700744	WSW/0.0	-10.18	59
12	WWIS		lot 32 con 1 ON ***Well ID:*** 3700743	WSW/0.0	-9.71	61
13	WWIS		lot 32 con 1 ON ***Well ID:*** 3700740	WSW/0.0	-7.87	63
14	WWIS		lot 32 con 1 ON ***Well ID:*** 3705369	WSW/0.0	-7.80	66
15	WWIS		lot 32 con 1 ON ***Well ID:*** 3700736	SSW/0.0	-2.20	68
16	WWIS		lot 32 con 1 ON ***Well ID:*** 3704396	WSW/0.0	-8.61	71
17	WWIS		lot 32 con 1 ON ***Well ID:*** 3700732	S/0.0	-4.68	74
18	WWIS		lot 32 con 1 ON	S/0.0	-5.71	76

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			Well ID: 3700730			
19	WWIS		lot 32 con 1 ON ***Well ID:*** 3704159	SSE/0.0	-5.54	78
20	WWIS		lot 32 con 1 ON ***Well ID:*** 3700735	SW/0.0	-7.93	82
21	WWIS		lot 31 con 1 ON ***Well ID:*** 3700725	WSW/0.0	-11.26	84
22	WWIS		lot 34 con 1 ON ***Well ID:*** 3704708	E/0.0	2.18	86
23	WWIS		lot 31 con 1 ON ***Well ID:*** 3708222	WSW/0.0	-14.40	88
24	WWIS		lot 32 con 1 ON ***Well ID:*** 3700737	SW/0.0	-9.32	92
25	WWIS		lot 32 con 1 ON ***Well ID:*** 3709290	NW/0.0	1.18	95
26	WWIS		lot 31 con 1 ON ***Well ID:*** 3700721	W/0.0	-8.64	98
27	WWIS		lot 31 con 1 ON ***Well ID:*** 3700722	WSW/0.0	-16.84	100

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
28	WWIS		lot 31 con 1 ON ***Well ID:*** 3700724	WSW/0.0	-14.74	102
29	WWIS		lot 31 con 1 ON ***Well ID:*** 3700728	WSW/0.0	-18.41	105
30	WWIS		lot 32 con 1 ON ***Well ID:*** 3700742	WSW/0.0	-17.28	107
31	SPL	Loyalist Acres; s.21	4669 Bath Rd; 4661 Bath Rd Loyalist; Loyalist ON	ESE/0.0	-3.37	110
32	WWIS		lot 33 con 1 ON ***Well ID:*** 3700745	SE/0.0	-7.43	110
33	WWIS		lot 34 con 1 ON ***Well ID:*** 3700755	SE/0.0	-15.01	113
34	WWIS		lot 34 con 1 ON ***Well ID:*** 3702585	ESE/0.0	-14.46	114
35	WWIS		lot 34 con 1 ON ***Well ID:*** 3700754	ESE/0.0	-16.41	117
36	WWIS		lot 34 con 1 ON ***Well ID:*** 3700758	ESE/0.0	-16.63	119

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	WWIS		lot 34 con 1 ON **Well ID:** 3700753	ESE/0.7	-18.16	122
38	WWIS		lot 34 con 1 ON **Well ID:** 3700757	SE/0.9	-12.11	123
39	WWIS		lot 32 con 1 ON **Well ID:** 3700733	SW/1.8	-7.19	126
40	WWIS		lot 34 con 1 ON **Well ID:** 3700756	SE/3.9	-11.20	128
41	WWIS		lot 34 con 1 ON **Well ID:** 3700752	SE/5.4	-15.70	131
42	WWIS		lot 33 con 1 ON **Well ID:** 3700746	SE/7.3	-7.80	133
43	WWIS		lot 34 con 1 ON **Well ID:** 3706139	ESE/10.6	-18.63	135
44	WWIS		lot 32 con 1 ON **Well ID:** 3705605	S/11.2	-6.67	138
45	EHS		Highway 33 Kingston ON	SW/12.0	-10.01	141
46	SPL	ASHWARREN INTERNATIONAL	TAYLOR KIDD ROAD AND COUNTY RD. 6 RR#3 BATH LOT 25, CON.1 ERNESTOWN TWP LOYALIST TOWNSHIP ON	NNE/21.7	-3.77	141
46	ECA	The Corporation of Loyalist Township	Northwest quadrant of intersection of County Road 6 and County Road 23 Loyalist ON K0H 2H0	NNE/21.7	-3.77	142

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
47	SPL		Highway 33 and County Rd 6, Amherstview Loyalist ON	ESE/27.8	-19.35	142
48	WWIS		lot 35 con 1 ON ***Well ID:*** 3700765	ESE/28.7	-3.88	142
49	EHS		Lot 3 Plan 29M-10 Amherstview ON	N/30.2	-2.13	145
50	BORE		ON	WSW/34.3	-23.82	145
51	WWIS		lot 31 con 1 ON ***Well ID:*** 3700729	WSW/35.0	-19.95	146
52	WWIS		lot 35 con 1 ON ***Well ID:*** 3700759	ESE/35.6	-9.14	148
53	WWIS		lot 32 con 1 ON ***Well ID:*** 3700738	S/38.8	-7.89	150
54	BORE		ON	WSW/39.3	-23.82	153
55	WWIS		lot 32 con 1 ON ***Well ID:*** 3705775	SSW/46.2	-6.86	154
56	WWIS		lot 32 con 1 ON ***Well ID:*** 3700739	S/47.0	-8.34	156
57	WWIS		4860 BATH ROAD lot 3 con 1 BATH ON ***Well ID:*** 7150983	WSW/53.2	-18.74	159
58	BORE		ON	WSW/56.3	-23.82	166
59	BORE		ON	WSW/56.6	-23.82	167

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	EHS		William Henderson Drive Bath ON K0H 1G0	N/60.6	-1.79	168
61	WWIS		lot 35 con 1 ON ***Well ID:*** 3700760	ESE/61.1	-15.43	169
62	WWIS		lot 35 con 1 ON ***Well ID:*** 3700761	NNE/67.0	-2.69	171
63	PINC	UNIDEM SALES INC	2 EDGEWOOD RD,,BATH,ON,K0H 1G0, CA ON	S/67.3	-8.76	173
64	WWIS		lot 35 con 1 ON ***Well ID:*** 3700764	ESE/67.3	-14.65	173
65	WWIS		lot 34 con 1 ON ***Well ID:*** 3700751	SE/68.2	-19.22	175
66	WWIS		lot 34 con 1 ON ***Well ID:*** 3705212	ESE/70.7	-23.82	178
67	WWIS		lot 30 con 1 ON ***Well ID:*** 3700717	WSW/71.5	-23.82	180
68	WWIS		lot 33 con 1 ON ***Well ID:*** 3705623	SSE/74.0	-8.48	182
69	WWIS		lot 34 con 1 ON ***Well ID:*** 3702906	SE/78.9	-17.70	185
70	WWIS		ON ***Well ID:*** 7188527	NE/81.9	2.94	188
71	WWIS		lot 31 con 1 ON ***Well ID:*** 3700726	WSW/83.4	-23.82	188
72	WWIS		lot 33 con 1 ON ***Well ID:*** 3700750	SSE/95.1	-9.78	191

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
73	WWIS		lot 31 con 1 ON ***Well ID:*** 3702764	WSW/104.6	-23.82	194
74	WWIS		lot 33 con 1 ON ***Well ID:*** 3705733	SE/108.3	-19.49	197
75	WWIS		lot 30 con 1 ON ***Well ID:*** 3700716	WSW/109.8	-23.82	198
76	WWIS		lot 30 con 1 ON ***Well ID:*** 3700718	WSW/110.2	-23.82	201
77	EBR	Brendar Environmental Inc.	ON	N/115.0	-4.13	204
78	WWIS		lot 31 con 1 ON ***Well ID:*** 3700727	WSW/120.2	-23.61	204
79	WWIS		lot 33 con 1 ON ***Well ID:*** 3700747	SSE/130.9	-17.85	207
80	WWIS		lot 34 con 1 ON ***Well ID:*** 3702941	N/133.4	-4.84	209
81	EHS		Lot 4 Loyalist Business Park Bath ON	N/140.6	-1.83	212
82	WWIS		lot 30 con 1 ON ***Well ID:*** 3703096	WSW/161.2	-21.49	212
83	WWIS		lot 32 con 1 ON ***Well ID:*** 3700731	S/165.1	-14.56	215
84	PINC	PIPELINE HIT 1/2"	117 DR RICHARD JAMES CRES,, AMHERSTVIEW,ON,K7N 0B9,CA ON	ENE/166.0	3.18	218
84	PINC	PIPELINE HIT 3/4"	117 DR. RICHARD JAMES DR,, AMHERSTVIEW,ON,K7N 0B9,CA ON	ENE/166.0	3.18	218

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
85	AMIS	AMHERSTVIEW QUARRY 2	ERNESTOWN ON	WSW/170.9	-15.86	219
86	MNR	AMHERSTVIEW QUARRY #2	ON	WSW/171.0	-15.86	219
87	WWIS		lot 35 con 1 ON ***Well ID:*** 3704984	NNE/194.9	-4.77	220
88	WWIS		lot 32 con 1 ON ***Well ID:*** 3706506	NW/196.0	1.86	221
88	WWIS		lot 32 con 1 ON ***Well ID:*** 3708320	NW/196.0	1.86	225
88	WWIS		lot 32 con 1 ON ***Well ID:*** 3708479	NW/196.0	1.86	229
89	WWIS		lot 32 con 1 ON ***Well ID:*** 3709179	NW/199.0	1.71	233
90	EHS		112 William Henderson Dr Loyalist ON K0H1G0	N/210.4	-1.99	236
91	WWIS		lot 33 con 1 ON ***Well ID:*** 3708990	NW/217.6	-2.65	236
92	WWIS		lot 33 con 1 ON ***Well ID:*** 3709234	NW/217.6	-3.66	239
92	WWIS		lot 33 con 1 ON ***Well ID:*** 3709238	NW/217.6	-3.66	241
93	WWIS		lot 30 con 1 ON ***Well ID:*** 3700712	WSW/218.0	-17.16	242
94	WWIS		lot 33 con 1 ON	NW/219.8	-2.65	245

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 3706868			
94	WWIS		lot 33 con 1 ON ***Well ID:*** 3708038	NW/219.8	-2.65	248
94	WWIS		lot 33 con 1 ON ***Well ID:*** 3708514	NW/219.8	-2.65	251
95	GEN	Brendar Environmental Inc	106 William Henderson Drive Lot 4, Part of Lot 34 Bath ON K0H 1G0	N/224.4	-1.83	254
96	EBR	2024162 Ontario Ltd.	ON	NE/227.0	1.12	256
97	ECA	Leighton Lands Ltd.	Loyalist ON K7P 2N6	E/227.8	-1.51	256
98	WWIS		lot 35 con 1 ON ***Well ID:*** 3704985	NNE/234.7	-4.86	257
99	PINC		201 and 203 MacDougall Drive, Amherstview ON	ESE/244.6	-12.65	259

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Oct 2018 has found that there are 1 AMIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
AMHERSTVIEW QUARRY 2	ERNESTOWN ON	170.9	85

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	34.3	50
	ON	39.3	54
	ON	56.3	58
	ON	56.6	59

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jan 31, 2020 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Brendar Environmental Inc.	ON	115.0	77

Site	Address	Distance (m)	Map Key
2024162 Ontario Ltd.	ON	227.0	96

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Corporation of Loyalist Township	Northwest quadrant of intersection of County Road 6 and County Road 23 Loyalist ON K0H 2H0	21.7	46
Leighton Lands Ltd.	Loyalist ON K7P 2N6	227.8	97

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Highway 33 Kingston ON	12.0	45
	Lot 3 Plan 29M-10 Amherstview ON	30.2	49
	William Henderson Drive Bath ON K0H 1G0	60.6	60
	Lot 4 Loyalist Business Park Bath ON	140.6	81
	112 William Henderson Dr Loyalist ON K0H1G0	210.4	90

Site	Address	Distance (m)	Map Key

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Brendar Environmental Inc	106 William Henderson Drive Lot 4, Part of Lot 34 Bath ON K0H 1G0	224.4	95

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Jan 2020 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
AMHERSTVIEW QUARRY #2	ON	171.0	86

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
UNIDEM SALES INC	2 EDGEWOOD RD,,BATH,ON,K0H 1G0,CA ON	67.3	63
PIPELINE HIT 3/4"	117 DR. RICHARD JAMES DR,, AMHERSTVIEW,ON,K7N 0B9,CA ON	166.0	84
PIPELINE HIT 1/2"	117 DR RICHARD JAMES CRES,, AMHERSTVIEW,ON,K7N 0B9,CA ON	166.0	84
	201 and 203 MacDougall Drive, Amherstview ON	244.6	99

Site	Address	Distance (m)	Map Key

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Loyalist Acres; s.21	4669 Bath Rd; 4661 Bath Rd Loyalist; Loyalist ON	0.0	31
ASHWARREN INTERNATIONAL	TAYLOR KIDD ROAD AND COUNTY RD. 6 RR#3 BATH LOT 25, CON.1 ERNESTOWN TWP LOYALIST TOWNSHIP ON	21.7	46
	Highway 33 and County Rd 6, Amherstview Loyalist ON	27.8	47

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 83 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 33 con 1 ON ***Well ID:*** 3706074	0.0	1
	lot 33 con 1 ON ***Well ID:*** 3700749	0.0	2
	lot 33 con 1 ON ***Well ID:*** 3700748	0.0	3
	lot 31 con 1 ON ***Well ID:*** 3702917	0.0	4
	66 BAY VIEW, RR3 lot 1 con 1 BATH ON	0.0	5

Site	Address	Distance (m)	Map Key
	Well ID: 3710091		
	lot 32 con 1 ON ***Well ID:*** 3705126	0.0	6
	lot 32 con 1 ON ***Well ID:*** 3704977	0.0	7
	lot 32 con 1 ON ***Well ID:*** 3700734	0.0	8
	AMHERST DRIVE lot 34 con 1 ON ***Well ID:*** 7237648	0.0	9
	30 Bayview Drive lot 32 con 1 BATH ON ***Well ID:*** 7335821	0.0	10
	lot 32 con 1 ON ***Well ID:*** 3700744	0.0	11
	lot 32 con 1 ON ***Well ID:*** 3700743	0.0	12
	lot 32 con 1 ON ***Well ID:*** 3700740	0.0	13
	lot 32 con 1 ON ***Well ID:*** 3705369	0.0	14
	lot 32 con 1 ON ***Well ID:*** 3700736	0.0	15
	lot 32 con 1 ON ***Well ID:*** 3704396	0.0	16

Site	Address	Distance (m)	Map Key
	lot 32 con 1 ON ***Well ID:*** 3700732	0.0	17
	lot 32 con 1 ON ***Well ID:*** 3700730	0.0	18
	lot 32 con 1 ON ***Well ID:*** 3704159	0.0	19
	lot 32 con 1 ON ***Well ID:*** 3700735	0.0	20
	lot 31 con 1 ON ***Well ID:*** 3700725	0.0	21
	lot 34 con 1 ON ***Well ID:*** 3704708	0.0	22
	lot 31 con 1 ON ***Well ID:*** 3708222	0.0	23
	lot 32 con 1 ON ***Well ID:*** 3700737	0.0	24
	lot 32 con 1 ON ***Well ID:*** 3709290	0.0	25
	lot 31 con 1 ON ***Well ID:*** 3700721	0.0	26
	lot 31 con 1 ON ***Well ID:*** 3700722	0.0	27
	lot 31 con 1 ON	0.0	28

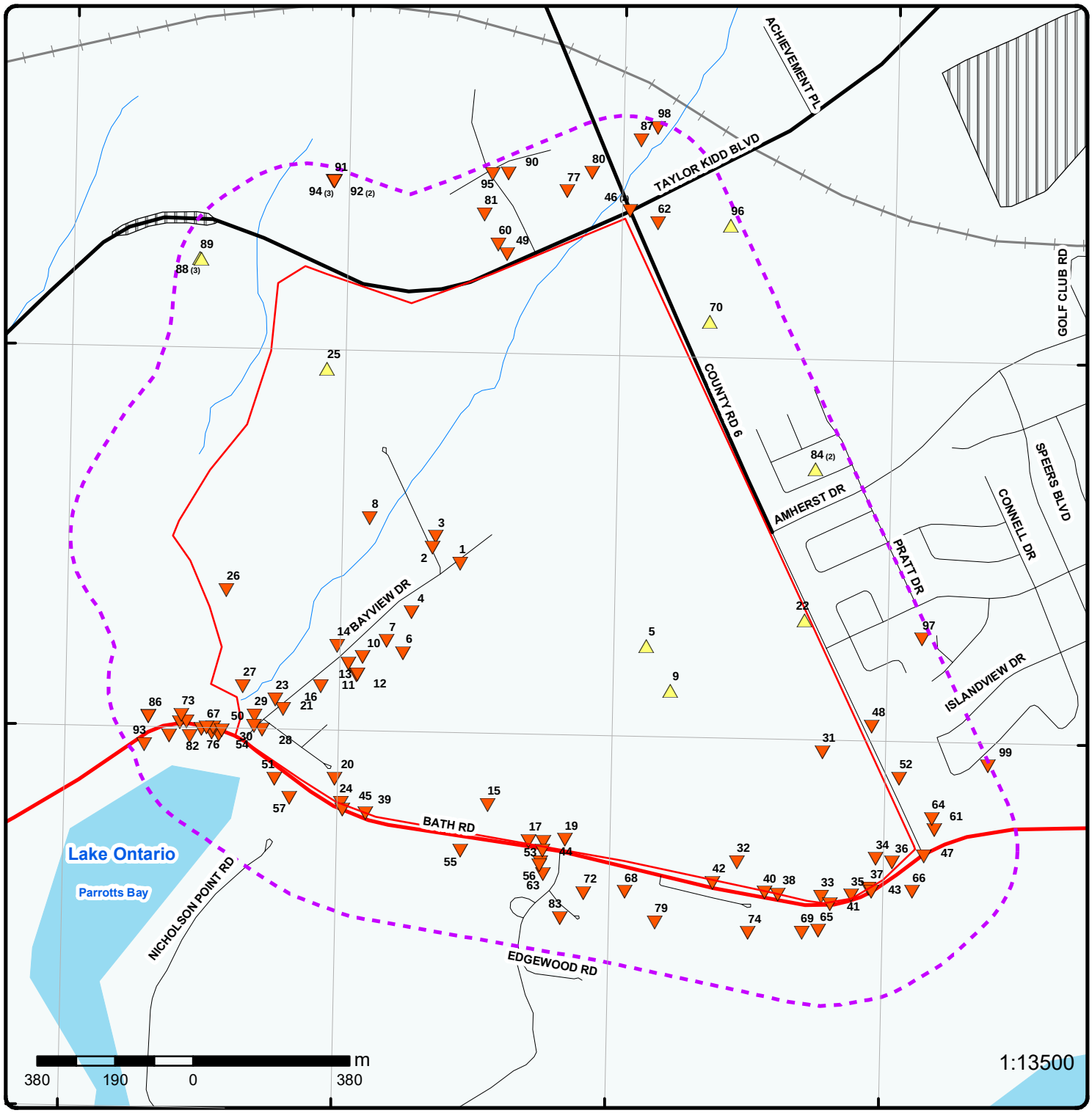
Site	Address	Distance (m)	Map Key
	Well ID: 3700724		
	lot 31 con 1 ON	0.0	29
	Well ID: 3700728		
	lot 32 con 1 ON	0.0	30
	Well ID: 3700742		
	lot 33 con 1 ON	0.0	32
	Well ID: 3700745		
	lot 34 con 1 ON	0.0	33
	Well ID: 3700755		
	lot 34 con 1 ON	0.0	34
	Well ID: 3702585		
	lot 34 con 1 ON	0.0	35
	Well ID: 3700754		
	lot 34 con 1 ON	0.0	36
	Well ID: 3700758		
	lot 34 con 1 ON	0.7	37
	Well ID: 3700753		
	lot 34 con 1 ON	0.9	38
	Well ID: 3700757		
	lot 32 con 1 ON	1.8	39
	Well ID: 3700733		
	lot 34 con 1 ON	3.9	40
	Well ID: 3700756		

Site	Address	Distance (m)	Map Key
	lot 34 con 1 ON ***Well ID:*** 3700752	5.4	41
	lot 33 con 1 ON ***Well ID:*** 3700746	7.3	42
	lot 34 con 1 ON ***Well ID:*** 3706139	10.6	43
	lot 32 con 1 ON ***Well ID:*** 3705605	11.2	44
	lot 35 con 1 ON ***Well ID:*** 3700765	28.7	48
	lot 31 con 1 ON ***Well ID:*** 3700729	35.0	51
	lot 35 con 1 ON ***Well ID:*** 3700759	35.6	52
	lot 32 con 1 ON ***Well ID:*** 3700738	38.8	53
	lot 32 con 1 ON ***Well ID:*** 3705775	46.2	55
	lot 32 con 1 ON ***Well ID:*** 3700739	47.0	56
	4860 BATH ROAD lot 3 con 1 BATH ON ***Well ID:*** 7150983	53.2	57
	lot 35 con 1 ON	61.1	61

Site	Address	Distance (m)	Map Key
	Well ID: 3700760		
	lot 35 con 1 ON	67.0	62
	Well ID: 3700761		
	lot 35 con 1 ON	67.3	64
	Well ID: 3700764		
	lot 34 con 1 ON	68.2	65
	Well ID: 3700751		
	lot 34 con 1 ON	70.7	66
	Well ID: 3705212		
	lot 30 con 1 ON	71.5	67
	Well ID: 3700717		
	lot 33 con 1 ON	74.0	68
	Well ID: 3705623		
	lot 34 con 1 ON	78.9	69
	Well ID: 3702906		
	ON	81.9	70
	Well ID: 7188527		
	lot 31 con 1 ON	83.4	71
	Well ID: 3700726		
	lot 33 con 1 ON	95.1	72
	Well ID: 3700750		
	lot 31 con 1 ON	104.6	73
	Well ID: 3702764		

Site	Address	Distance (m)	Map Key
	lot 33 con 1 ON ***Well ID:*** 3705733	108.3	74
	lot 30 con 1 ON ***Well ID:*** 3700716	109.8	75
	lot 30 con 1 ON ***Well ID:*** 3700718	110.2	76
	lot 31 con 1 ON ***Well ID:*** 3700727	120.2	78
	lot 33 con 1 ON ***Well ID:*** 3700747	130.9	79
	lot 34 con 1 ON ***Well ID:*** 3702941	133.4	80
	lot 30 con 1 ON ***Well ID:*** 3703096	161.2	82
	lot 32 con 1 ON ***Well ID:*** 3700731	165.1	83
	lot 35 con 1 ON ***Well ID:*** 3704984	194.9	87
	lot 32 con 1 ON ***Well ID:*** 3706506	196.0	88
	lot 32 con 1 ON ***Well ID:*** 3708320	196.0	88
	lot 32 con 1 ON	196.0	88

Site	Address	Distance (m)	Map Key
	Well ID: 3708479		
	lot 32 con 1 ON	199.0	89
	Well ID: 3709179		
	lot 33 con 1 ON	217.6	91
	Well ID: 3708990		
	lot 33 con 1 ON	217.6	92
	Well ID: 3709234		
	lot 33 con 1 ON	217.6	92
	Well ID: 3709238		
	lot 30 con 1 ON	218.0	93
	Well ID: 3700712		
	lot 33 con 1 ON	219.8	94
	Well ID: 3706868		
	lot 33 con 1 ON	219.8	94
	Well ID: 3708038		
	lot 33 con 1 ON	219.8	94
	Well ID: 3708514		
	lot 35 con 1 ON	234.7	98
	Well ID: 3704985		



Map: 0.25 Kilometer Radius

Order Number: 21030300370

Address: Bath Rd, Loyalist, 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 **Year: 2018**

Address: Bath Rd, Loyalist, ON

Source: ESRI World Imagery

Order Number: 21030300370

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Map

Address: Bath Rd, ON

Source: ESRI World Topographic Map

Order Number: 21030300370

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WNW/0.0	92.8 / -5.86	lot 33 con 1 ON	WWIS

Well ID:	3706074	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/29/1985
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3706074.pdf

Bore Hole Information

Bore Hole ID:	10234566	**Elevation:**	92.322753
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365829.2
Code OB Desc:	Bedrock	**North83:**	4897721
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/9/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931725879
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 133
Formation End Depth: 136
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931725876
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931725878
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 133
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931725877
Layer: 2
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 4
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963706074
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10783136
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930397769
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993706074
Pump Set At:
Static Level: 58
Final Level After Pumping: 134
Recommended Pump Depth: 133
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935008213
Test Type: Draw Down
Test Duration: 60
Test Level: 134
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934746722
Test Type: Draw Down
Test Duration: 45
Test Level: 127
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934495375
Test Type:	Draw Down
Test Duration:	30
Test Level:	108
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934210571
Test Type:	Draw Down
Test Duration:	15
Test Level:	86
Test Level UOM:	ft

Water Details

Water ID:	933701891
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	134
Water Found Depth UOM:	ft

---

2 | ***1 of 1*** | ***WNW/0.0*** | ***90.9 / -7.80*** | ***lot 33 con 1 ON*** | ***WWIS***

Well ID:	3700749	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	8/8/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700749.pdf

Bore Hole Information

Bore Hole ID:	10229287	**Elevation:**	93.90319
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365762.2
Code OB Desc:	Bedrock	**North83:**	4897759
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/28/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931712370
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 116
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712369
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700749
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777857
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388466
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	116
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388465
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	8
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700749
Pump Set At:	
Static Level:	30
Final Level After Pumping:	110
Recommended Pump Depth:	114
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696349
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

---

3 | ***1 of 1*** | ***WNW/0.0*** | ***90.8 / -7.83*** | ***lot 33 con 1 ON*** | ***WWIS***

Well ID:	3700748	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/15/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033

Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700748.pdf

Bore Hole Information

Bore Hole ID:	10229286	**Elevation:**	93.011093
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365770.2
Code OB Desc:	Bedrock	**North83:**	4897786
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/23/1961	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712368
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	123
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712367
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700748
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777856
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388464
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	123
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388463
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	8
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700748
Pump Set At:	
Static Level:	40
Final Level After Pumping:	100
Recommended Pump Depth:	120
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696348
Layer:	1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	W/0.0	89.5 / -9.15	lot 31 con 1 ON	WWIS

Well ID:	3702917	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/30/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3702917.pdf

Bore Hole Information

Bore Hole ID:	10231450	**Elevation:**	90.345672
DP2BR:	4	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365710.2
Code OB Desc:	Bedrock	**North83:**	4897602
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/20/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931717454
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931717455
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4
Formation End Depth:	47
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963702917
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10780020
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930392481
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	11
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930392482
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	47
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID: 993702917
Pump Set At:
Static Level: 17
Final Level After Pumping: 40
Recommended Pump Depth:
Pumping Rate: 7
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934495668
Test Type: Draw Down
Test Duration: 30
Test Level: 39
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934747738
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934209856
Test Type: Draw Down
Test Duration: 15
Test Level: 31
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934999482
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933698357
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43
Water Found Depth UOM: ft

5	*1 of 1*	*ESE/0.0*	*99.8 / 1.18*	*66 BAY VIEW, RR3 lot 1 con 1*	*WWIS*

BATH ON

Well ID:	3710091	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	10/24/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	6652
Casing Material:		**Form Version:**	3
Audit No:	Z35542	**Owner:**	
Tag:	A032437	**Street Name:**	66 BAY VIEW, RR3
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/371\3710091.pdf

Bore Hole Information

Bore Hole ID:	11321288	**Elevation:**	99.600257
DP2BR:	6	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366281.8
Code OB Desc:	Bedrock	**North83:**	4897521
Open Hole:		**Org CS:**	G83a
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/19/2005	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933014137
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.82
Formation End Depth:	6
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933014136
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	.2
Formation End Depth:	1.82
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933014135
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.2
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933279521
Layer:	2
Plug From:	4.7
Plug To:	6.2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933279520
Layer:	1
Plug From:	0
Plug To:	4.7
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	963710091
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	11336143
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930863352
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	6.2
Casing Diameter:	91
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	11349011
Pump Set At:	6
Static Level:	4.47
Final Level After Pumping:	4.62
Recommended Pump Depth:	5.9
Pumping Rate:	22.73
Flowing Rate:	
Recommended Pump Rate:	22
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:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	11477906
Test Type:	Recovery
Test Duration:	25
Test Level:	4.57
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11477894
Test Type:	Draw Down
Test Duration:	5
Test Level:	4.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11477899
Test Type:	Draw Down
Test Duration:	25
Test Level:	4.55
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11477909

Test Type: Recovery
Test Duration: 4
Test Level: 4.61
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477910
Test Type: Draw Down
Test Duration: 60
Test Level: 4.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477907
Test Type: Recovery
Test Duration: 50
Test Level: 4.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477913
Test Type: Recovery
Test Duration: 40
Test Level: 4.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477912
Test Type: Draw Down
Test Duration: 50
Test Level: 4.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477895
Test Type: Recovery
Test Duration: 5
Test Level: 4.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477896
Test Type: Recovery
Test Duration: 30
Test Level: 4.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477901
Test Type: Draw Down
Test Duration: 20
Test Level: 4.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477893
Test Type: Draw Down
Test Duration: 4
Test Level: 4.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477903
Test Type: Draw Down
Test Duration: 15
Test Level: 4.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477908
Test Type: Draw Down
Test Duration: 40
Test Level: 4.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477890
Test Type: Recovery
Test Duration: 20
Test Level: 4.57
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477900
Test Type: Recovery
Test Duration: 3
Test Level: 4.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477915
Test Type: Recovery
Test Duration: 1
Test Level: 4.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477897
Test Type: Draw Down
Test Duration: 30
Test Level: 4.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477892
Test Type: Draw Down
Test Duration: 3
Test Level: 4.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477904
Test Type: Recovery
Test Duration: 10
Test Level: 4.59
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477891
Test Type: Recovery
Test Duration: 2
Test Level: 4.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477898
Test Type: Draw Down
Test Duration: 2
Test Level: 4.48
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477911
Test Type: Recovery
Test Duration: 60
Test Level: 4.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477902
Test Type: Recovery
Test Duration: 15
Test Level: 4.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477905
Test Type: Draw Down
Test Duration: 10
Test Level: 4.51
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11477914
Test Type: Draw Down
Test Duration: 1
Test Level: 4.47

Test Level UOM: m

Water Details

Water ID: 934066592
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.7
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11540399
Diameter: 400
Depth From: 2
Depth To: 4
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11540400
Diameter: 600
Depth From: 0
Depth To: 2
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11540398
Diameter: 180
Depth From: 4
Depth To: 6
Hole Depth UOM: m
Hole Diameter UOM: cm

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6 | **1 of 1** | **WSW/0.0** | **84.7 / -13.94** | **lot 32 con 1 ON** | **WWIS**

Well ID: 3705126
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:

Data Entry Status:
Data Src: 1
Date Received: 1/25/1978
Selected Flag: Yes
Abandonment Rec:
Contractor: 3202
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 032
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705126.pdf

Bore Hole Information

Bore Hole ID:	10233623	***Elevation:***	84.132995
DP2BR:	12	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365690.2
Code OB Desc:	Bedrock	***North83:***	4897502
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/12/1977	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

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

Overburden and Bedrock Materials Interval

Formation ID:	931723245
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12
Formation End Depth:	76
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931723244
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931723243
Layer:	1
Color:	3

General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963705126
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10782193
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930396324
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993705126
Pump Set At:	
Static Level:	7
Final Level After Pumping:	71
Recommended Pump Depth:	74
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935014788
Test Type:	Draw Down
Test Duration:	60

Test Level: 68
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934493028
Test Type: Draw Down
Test Duration: 30
Test Level: 47
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744518
Test Type: Draw Down
Test Duration: 45
Test Level: 61
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934216527
Test Type: Draw Down
Test Duration: 15
Test Level: 29
Test Level UOM: ft

Water Details

Water ID: 933700821
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

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7 | **1 of 1** | **WSW/0.0** | **87.8 / -10.83** | **lot 32 con 1 ON** | **WWIS**

Well ID:	3704977	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	9/29/1977
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Quality	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704977.pdf

Bore Hole Information

Bore Hole ID:	10233478	***Elevation:***	87.874252
DP2BR:	2	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365650.2
Code OB Desc:	Bedrock	***North83:***	4897532
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/4/1977	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

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

Overburden and Bedrock Materials Interval

Formation ID:	931722870
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931722871
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	180
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933157641
Layer:	1
Plug From:	0
Plug To:	180
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963704977
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10782048
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930396068
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993704977
Pump Set At:	
Static Level:	50
Final Level After Pumping:	155
Recommended Pump Depth:	175
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	30
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:	No

Draw Down & Recovery

Pump Test Detail ID:	934492506
Test Type:	Draw Down
Test Duration:	30
Test Level:	110
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934216000
Test Type:	Draw Down
Test Duration:	15
Test Level:	85

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935014692
Test Type: Draw Down
Test Duration: 60
Test Level: 140
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934752783
Test Type: Draw Down
Test Duration: 45
Test Level: 128
Test Level UOM: ft

Water Details

Water ID: 933700659
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 175
Water Found Depth UOM: ft

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8 | **1 of 1** | **WNW/0.0** | **90.2 / -8.45** | **lot 32 con 1 ON** | **WWIS**

Well ID: 3700734
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: 2/25/1957
Selected Flag: Yes
Abandonment Rec:
Contractor: 1704
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 032
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700734.pdf

Bore Hole Information

Bore Hole ID: 10229272
DP2BR: 11
Spatial Status:
Code OB: r
Code OB Desc: Bedrock

Elevation: 90.599151
Elevrc:
Zone: 18
East83: 365608.2
North83: 4897831

Open Hole:
Cluster Kind:
Date Completed: 10/16/1956
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931712337
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 118
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712336
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700734
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777842
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930388435
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388436
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700734
Pump Set At:	
Static Level:	30
Final Level After Pumping:	118
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933696334
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

9	***1 of 1***	***ESE/0.0***	***98.8 / 0.18***	***AMHERST DRIVE lot 34 con 1 ON***	***WWIS***

Well ID:	7237648	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	2/16/2015
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7323
Casing Material:		**Form Version:**	7
Audit No:	Z187915	**Owner:**	
Tag:	A145703	**Street Name:**	AMHERST DRIVE

Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7237648.pdf

Bore Hole Information

Bore Hole ID:	1005308133	**Elevation:**	98.061111
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	366340
Code OB Desc:		**North83:**	4897412
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/13/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005542134
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	01
Mat2 Desc:	FILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12.42
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005542142
Layer:	1
Plug From:	0
Plug To:	6
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005542141
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005542133
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005542137
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	7.5
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005542138
Layer:	1
Slot:	.10
Screen Top Depth:	7.5
Screen End Depth:	12.42
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Water Details

Water ID:	1005542136
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005542135
Diameter:	8
Depth From:	0
Depth To:	12.42
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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10 | ***1 of 1*** | ***WSW/0.0*** | ***90.3 / -8.33*** | ***30 Bayview Drive lot 32 con 1 BATH ON*** | ***WWIS***

Well ID:	7335821	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/24/2019
Sec. Water Use:		**Selected Flag:**	Yes

Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7077
Casing Material:		**Form Version:**	7
Audit No:	Z273721	**Owner:**	
Tag:	A237883	**Street Name:**	30 Bayview Drive
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007484832	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	365592
Code OB Desc:		**North83:**	4897493
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	1007975148
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007979167
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-3
Depth To:	1.5
Casing Diameter:	6
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	1007980337
Pump Set At:	
Static Level:	

Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	WSW/0.0	88.5 / -10.18	lot 32 con 1 ON	WWIS

Well ID:	3700744	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/2/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700744.pdf

Bore Hole Information

Bore Hole ID:	10229282	**Elevation:**	86.050674
DP2BR:	9	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365579.2
Code OB Desc:	Bedrock	**North83:**	4897451
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/12/1964	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931712359

Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9
Formation End Depth:	46
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712358
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700744
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777852
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388456
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	46
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388455
Layer:	1
Material:	1

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

Results of Well Yield Testing

Pump Test ID:	993700744
Pump Set At:	
Static Level:	8
Final Level After Pumping:	28
Recommended Pump Depth:	44
Pumping Rate:	25
Flowing Rate:	
Recommended Pump Rate:	25
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:	No

Water Details

Water ID:	933696344
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	44
Water Found Depth UOM:	ft

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12 | ***1 of 1*** | ***WSW/0.0*** | ***89.0 / -9.71*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3700743	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/2/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700743.pdf

Bore Hole Information

Bore Hole ID:	10229281	***Elevation:***	86.098587
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365576.2
Code OB Desc:	Bedrock	***North83:***	4897449
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	8/10/1964	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712357
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	46
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712356
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700743
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777851
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388454
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	46
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388453
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	11
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700743
Pump Set At:	
Static Level:	9
Final Level After Pumping:	25
Recommended Pump Depth:	44
Pumping Rate:	25
Flowing Rate:	
Recommended Pump Rate:	20
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:	No

Water Details

Water ID:	933696343
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

13	*1 of 1*	*WSW/0.0*	*90.8 / -7.87*	*lot 32 con 1 ON*	*WWIS*

Well ID:	3700740	***Data Entry Status:***	

Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/16/1963
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700740.pdf

Bore Hole Information

Bore Hole ID:	10229278	**Elevation:**	90.34703
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365557.2
Code OB Desc:	Bedrock	**North83:**	4897477
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/8/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712350
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10
Formation End Depth:	107
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712349
Layer:	1

Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700740
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777848
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388448
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 107
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388447
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700740
Pump Set At:
Static Level: 30
Final Level After Pumping: 107
Recommended Pump Depth: 105
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696340
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	70
Water Found Depth UOM:	ft

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14 | ***1 of 1*** | ***WSW/0.0*** | ***90.9 / -7.80*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3705369	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/29/1979
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2334
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705369.pdf

Bore Hole Information

Bore Hole ID:	10233864	**Elevation:**	92.674072
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365529.2
Code OB Desc:	Bedrock	**North83:**	4897521
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/11/1979	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931723912
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931723911
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963705369
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10782434
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930396708
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930396709
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993705369
Pump Set At:	
Static Level:	34
Final Level After Pumping:	90
Recommended Pump Depth:	96
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933701106
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

15 | ***1 of 1*** | ***SSW/0.0*** | ***96.5 / -2.20*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3700736	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/16/1958
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700736.pdf

Bore Hole Information

Bore Hole ID:	10229274	***Elevation:***	96.518363
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365895.2
Code OB Desc:	Bedrock	***North83:***	4897133
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	1/15/1958	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712341
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	99
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712340
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700736
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777844
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388439
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388440
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	99
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700736
Pump Set At:	
Static Level:	20
Final Level After Pumping:	99
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696336
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	WSW/0.0	90.1 / -8.61	lot 32 con 1 ON	WWIS

Well ID:	3704396	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/3/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704396.pdf

Bore Hole Information

Bore Hole ID:	10232910	**Elevation:**	90.23281
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365490.2
Code OB Desc:	Bedrock	**North83:**	4897422
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/3/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931721254
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931721253
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931721255
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	165
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963704396
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10781480
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930395143
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: 930395144
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 165
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993704396
Pump Set At:
Static Level: 45
Final Level After Pumping: 150
Recommended Pump Depth: 150
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934490330
Test Type: Draw Down
Test Duration: 30
Test Level: 79
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934751642
Test Type: Draw Down
Test Duration: 45
Test Level: 88
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934214340
Test Type: Draw Down
Test Duration: 15
Test Level: 64
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935011987
Test Type: Draw Down
Test Duration: 60
Test Level: 96
Test Level UOM: ft

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

Water Details

Water ID:	933700039
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	160
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	S/0.0	94.0 / -4.68	lot 32 con 1 ON	WWIS

Well ID:	3700732	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/28/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700732.pdf

Bore Hole Information

Bore Hole ID:	10229270	***Elevation:***	93.617088
DP2BR:	4	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365995.2
Code OB Desc:	Bedrock	***North83:***	4897045
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	4/13/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712332
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712333
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 137
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700732
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777840
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388432
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 137
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388431
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	993700732
Pump Set At:	
Static Level:	80
Final Level After Pumping:	115
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696332
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	135
Water Found Depth UOM:	ft

18	1 of 1	S/0.0	93.0 / -5.71	lot 32 con 1 ON	WWIS

Well ID:	3700730	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/25/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700730.pdf

Bore Hole Information

Bore Hole ID:	10229268	***Elevation:***	93.002449
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18

Code OB:	r	**East83:**	366032.2
Code OB Desc:	Bedrock	**North83:**	4897043
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/2/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

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

Overburden and Bedrock Materials Interval

Formation ID: 931712329
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 14
Formation End Depth: 135
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712328
Layer: 1
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 14
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700730
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777838
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930388428
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388427
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700730
Pump Set At:	
Static Level:	40
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696330
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft

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19 | ***1 of 1*** | ***SSE/0.0*** | ***93.1 / -5.54*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3704159	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/30/1975
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1507
Casing Material:		***Form Version:***	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704159.pdf

Bore Hole Information

Bore Hole ID:	10232677	**Elevation:**	93.237625
DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366084.2
Code OB Desc:	Bedrock	**North83:**	4897048
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/2/1974	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931720615
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4
Formation End Depth:	131
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931720614
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931720613
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963704159
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10781247
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930394733
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 131
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930394732
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	993704159
Pump Set At:	
Static Level:	48
Final Level After Pumping:	131
Recommended Pump Depth:	128
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935012522
Test Type:	Recovery
Test Duration:	60
Test Level:	48
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934490862
Test Type:	Recovery
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934751075
Test Type:	Recovery
Test Duration:	45
Test Level:	48
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934213745
Test Type:	Recovery
Test Duration:	15
Test Level:	76
Test Level UOM:	ft

Water Details

Water ID:	933699781
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	128
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	SW/0.0	90.7 / -7.93	lot 32 con 1 ON	WWIS

Well ID:	3700735	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/13/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700735.pdf

Bore Hole Information

Bore Hole ID:	10229273	**Elevation:**	89.710609
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365523.2
Code OB Desc:	Bedrock	**North83:**	4897197
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	5/30/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712339
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931712338
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700735
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777843
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388438
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388437
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	8
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700735
Pump Set At:	
Static Level:	40
Final Level After Pumping:	60
Recommended Pump Depth:	

Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696335
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	123
Water Found Depth UOM:	ft

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21 | ***1 of 1*** | ***WSW/0.0*** | ***87.4 / -11.26*** | ***lot 31 con 1 ON*** | ***WWIS***

Well ID:	3700725	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/29/1962
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	031
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700725.pdf

Bore Hole Information

Bore Hole ID:	10229263	***Elevation:***	87.349029
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365398.2
Code OB Desc:	Bedrock	***North83:***	4897367
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	4/23/1962	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931712318
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	19
Formation End Depth:	103
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712317
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700725
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777833
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388417
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388418
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700725
Pump Set At:
Static Level: 20
Final Level After Pumping: 103
Recommended Pump Depth: 98
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696324
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 92
Water Found Depth UOM: ft

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22 | ***1 of 1*** | ***E/0.0*** | ***100.8 / 2.18*** | ***lot 34 con 1 ON*** | ***WWIS***

Well ID: 3704708
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 9/28/1976
Selected Flag: Yes
Abandonment Rec:
Contractor: 1704
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 034
Concession: 01
Concession Name: CON
Easting NAD83:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704708.pdf

Bore Hole Information

Bore Hole ID:	10233213	**Elevation:**	101.351409
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366667.4
Code OB Desc:	Bedrock	**North83:**	4897583
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/18/1976	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

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

Overburden and Bedrock Materials Interval

Formation ID: 931722202
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 175
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931722201
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	963704708
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10781783
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930395653
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

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23 | ***1 of 1*** | ***WSW/0.0*** | ***84.3 / -14.40*** | ***lot 31 con 1 ON*** | ***WWIS***

Well ID:	3708222	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/29/1993
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:	135785	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708222.pdf

Bore Hole Information

Bore Hole ID:	10236711	**Elevation:**	85.112449
DP2BR:	1	**Elevrc:**	
Spatial Status:	Improved	**Zone:**	18
Code OB:	r	**East83:**	365379
Code OB Desc:	Bedrock	**North83:**	4897390
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	5
Date Completed:	7/16/1993	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	

Elevrc Desc:
Location Source Date: April 2001
Improvement Location Source: PWPF-LOY Loyalist Groundwater Study;?.\GWStudies\pwpf\ Loyalist\Loyalist Twp\Maps and Figures\midmifs\ NEW_TOWNSHIP_WELLS2.MIF
Improvement Location Method: Map
Source Revision Comment:
Supplier Comment: Change in coordinates but no metadata

Overburden and Bedrock Materials Interval

Formation ID: 931732731
Layer: 5
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 69
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931732727
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931732729
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 58
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931732732
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75
Formation End Depth:	79
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931732730
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58
Formation End Depth:	69
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931732728
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	11
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933158986
Layer:	1
Plug From:	6
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963708222
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10785281
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930400758
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993708222
Pump Set At:
Static Level: 37
Final Level After Pumping: 74
Recommended Pump Depth: 78
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935013747
Test Type:
Test Duration: 60
Test Level: 74
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934752392
Test Type:
Test Duration: 45
Test Level: 72
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934225866
Test Type:

Test Duration:	15
Test Level:	56
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934493242
Test Type:	
Test Duration:	30
Test Level:	67
Test Level UOM:	ft

Water Details

Water ID:	933704483
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

Water Details

Water ID:	933704484
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

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24 | ***1 of 1*** | ***SW/0.0*** | ***89.4 / -9.32*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3700737	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/29/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700737.pdf

Bore Hole Information

Bore Hole ID:	10229275	**Elevation:**	86.256027
DP2BR:	5	**Elevrc:**	

Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365539.2
Code OB Desc:	Bedrock	**North83:**	4897139
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	4/27/1961	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712342
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712344
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17
Formation End Depth:	142
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712343
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	17

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700737
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777845
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388441
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388442
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 142
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700737
Pump Set At:
Static Level: 54
Final Level After Pumping: 142
Recommended Pump Depth: 137
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933696337
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	78
Water Found Depth UOM:	ft

25 | **1 of 1** | **NW/0.0** | **99.8 / 1.18** | **lot 32 con 1 ON** | **WWIS**

Well ID:	3709290	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/28/2001
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:	220426	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3709290.pdf

Bore Hole Information

Bore Hole ID:	10237779	**Elevation:**	98.164581
DP2BR:	1	**Elevrc:**	
Spatial Status:	Improved	**Zone:**	18
Code OB:	r	**East83:**	365505
Code OB Desc:	Bedrock	**North83:**	4898196
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	6/8/2001	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project		
Improvement Location Method:	GIS		
Source Revision Comment:	Northing and/or Easting field has been changed. Location estimated from sketch map.		
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.		

Overburden and Bedrock Materials Interval

Formation ID:	931736161
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931736162
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 122
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933159963
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963709290
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10786349
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930402192
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993709290
Pump Set At:
Static Level: 21
Final Level After Pumping: 74
Recommended Pump Depth: 117
Pumping Rate: 14
Flowing Rate:
Recommended Pump Rate: 14
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935007787
Test Type:
Test Duration: 60
Test Level: 74
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934496525
Test Type:
Test Duration: 30
Test Level: 74
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934219948
Test Type:
Test Duration: 15
Test Level: 74
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934755765
Test Type:
Test Duration: 45
Test Level: 74
Test Level UOM: ft

Water Details

Water ID: 933705634
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 118
Water Found Depth UOM: ft

Water Details

Water ID:	933705633
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	115
Water Found Depth UOM:	ft

26 | **1 of 1** | **W/0.0** | **90.0 / -8.64** | **lot 31 con 1 ON** | **WWIS**

Well ID:	3700721	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/13/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700721.pdf

Bore Hole Information

Bore Hole ID:	10229259	**Elevation:**	86.414436
DP2BR:	8	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365260.2
Code OB Desc:	Bedrock	**North83:**	4897657
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	5/27/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712308
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712309
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8
Formation End Depth: 60
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700721
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777829
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388411
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388410
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 8
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	993700721
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696320
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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27 ***1 of 1*** ***WSW/0.0*** ***81.8 / -16.84*** ***lot 31 con 1 ON*** ***WWIS***

Well ID:	3700722	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/7/1959
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	031
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700722.pdf

Bore Hole Information

Bore Hole ID:	10229260	***Elevation:***	80.450798
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	365300.2
Code OB Desc:	Overburden	***North83:***	4897422

Open Hole:
Cluster Kind:
Date Completed: 10/13/1959
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931712310
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0
Formation End Depth: 37
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712311
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 37
Formation End Depth: 38
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700722
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777830
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930388412
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700722
Pump Set At:	
Static Level:	20
Final Level After Pumping:	38
Recommended Pump Depth:	24
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696321
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	38
Water Found Depth UOM:	ft

28 | ***1 of 1*** | ***WSW/0.0*** | ***83.9 / -14.74*** | ***lot 31 con 1 ON*** | ***WWIS***

Well ID:	3700724	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Livestock	***Date Received:***	1/15/1962
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	031
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700724.pdf

Bore Hole Information

Bore Hole ID:	10229262	***Elevation:***	83.058448
DP2BR:	1	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365347.2
Code OB Desc:	Bedrock	***North83:***	4897316
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/18/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712314
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712315
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712316
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15

Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	97
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700724
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777832
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388415
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388416
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	97
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700724
Pump Set At:	
Static Level:	65
Final Level After Pumping:	93
Recommended Pump Depth:	95
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR

Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696323
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 81
Water Found Depth UOM: ft

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29 | **1 of 1** | **WSW/0.0** | **80.3 / -18.41** | **lot 31 con 1 ON** | **WWIS**

Well ID:	3700728	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/17/1966
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700728.pdf

Bore Hole Information

Bore Hole ID:	10229266	**Elevation:**	81.518005
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365328.2
Code OB Desc:	Bedrock	**North83:**	4897351
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/5/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712325
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7
Formation End Depth:	78
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712324
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700728
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777836
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388423
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388424
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	78
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700728
Pump Set At:	
Static Level:	42
Final Level After Pumping:	74
Recommended Pump Depth:	76
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696328
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74
Water Found Depth UOM:	ft

30 ***1 of 1*** ***WSW/0.0*** ***81.4 / -17.28*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	3700742	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/19/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700742.pdf

Bore Hole Information

Bore Hole ID:	10229280	***Elevation:***	81.861053
DP2BR:	2	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365327.2
Code OB Desc:	Bedrock	***North83:***	4897326
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	2/26/1964	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712353
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712354
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712355
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 73
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700742
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777850
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388452
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 73
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388451
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700742
Pump Set At:
Static Level: 30
Final Level After Pumping: 60
Recommended Pump Depth: 71
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696342
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

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31 | **1 of 1** | **ESE/0.0** | **95.3 / -3.37** | **Loyalist Acres; s.21 4669 Bath Rd; 4661 Bath Rd Loyalist; Loyalist ON** | **SPL**

Ref No: 1885-B9TKWV
Site No: 3444-BAER58; 1764-BAERBD
Incident Dt: 2/24/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/28/2019
Dt Document Closed:
Incident Reason:
Site Name: 4669 Bath Road; Loyalist Acres
Site County/District: County of Lennox and Addington; County of Lennox and Addington
Site Geo Ref Meth: NA; NA
Incident Summary: Manure run-off impacting neighbouring property
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Corporation; Individual
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address: 4669 Bath Rd; 4661 Bath Rd
Site District Office: Kingston - District; Kingston - District
Site Postal Code: K0H 1G0; K0H 1G0
Site Region: Eastern
Site Municipality: Loyalist; Loyalist
Site Lot:
Site Conc: NA; NA
Northing: NA; NA
Easting: NA; NA
Site Geo Ref Accu: NA; NA
Site Map Datum: NA; NA
SAC Action Class:
Source Type:

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32 | **1 of 1** | **SE/0.0** | **91.2 / -7.43** | **lot 33 con 1 ON** | **WWIS**

Well ID: 3700745
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:

Data Entry Status:
Data Src: 1
Date Received: 1/18/1950
Selected Flag: Yes
Abandonment Rec:
Contractor: 1704
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 033
Concession: 01
Concession Name: CON

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700745.pdf

Bore Hole Information

Bore Hole ID:	10229283	**Elevation:**	91.406509
DP2BR:	40	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366502.2
Code OB Desc:	Bedrock	**North83:**	4896994
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/16/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712361
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712360
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 963700745
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777853
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388458
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388457
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700745
Pump Set At:
Static Level: 16
Final Level After Pumping: 32
Recommended Pump Depth:
Pumping Rate: 10
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: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696345
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 48
Water Found Depth UOM: ft

---

33 | **1 of 1** | **SE/0.0** | **83.7 / -15.01** | **lot 34 con 1 ON** | **WWIS**

Well ID:	3700755	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	8/9/1960
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700755.pdf

Bore Hole Information

Bore Hole ID:	10229293	**Elevation:**	83.553222
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366707.2
Code OB Desc:	Bedrock	**North83:**	4896910
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/20/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712383
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	165

Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712382
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700755
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777863
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388477
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388478
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	165
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

34	***1 of 1***	***ESE/0.0***	***84.2 / -14.46***	***lot 34 con 1 ON***	***WWIS***

Well ID:	3702585	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/13/1969
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1506
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3702585.pdf

Bore Hole Information

Bore Hole ID:	10231122	**Elevation:**	84.561164
DP2BR:	8	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366840.2
Code OB Desc:	Bedrock	**North83:**	4897002
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/7/1968	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931716567
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931716566

Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963702585
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10779692
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930391869
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	9
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930391870
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993702585
Pump Set At:	
Static Level:	65
Final Level After Pumping:	125
Recommended Pump Depth:	124
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	0

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933698023
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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35 | ***1 of 1*** | ***ESE/0.0*** | ***82.3 / -16.41*** | ***lot 34 con 1 ON*** | ***WWIS***

Well ID:	3700754	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	8/9/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700754.pdf

Bore Hole Information

Bore Hole ID:	10229292	**Elevation:**	82.731376
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366780.2
Code OB Desc:	Bedrock	**North83:**	4896912
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	4/23/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712380
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712381
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700754
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777862
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388476
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388475
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700754
Pump Set At:	
Static Level:	28
Final Level After Pumping:	85
Recommended Pump Depth:	80
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696353
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

---

36 ***1 of 1*** ***ESE/0.0*** ***82.0 / -16.63*** ***lot 34 con 1 ON*** ***WWIS***

Well ID:	3700758	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/19/1964
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	034
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700758.pdf

Bore Hole Information

Bore Hole ID:	10229296	***Elevation:***	83.343978
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366880.2
Code OB Desc:	Bedrock	***North83:***	4896992
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	5/1/1964	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931712388
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712389
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712390
Layer:	3
Color:	3

General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	43
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700758
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777866
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388483
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388484
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	43
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700758
Pump Set At:	
Static Level:	31
Final Level After Pumping:	37
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696357
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	38
Water Found Depth UOM:	ft

37 | ***1 of 1*** | ***ESE/0.7*** | ***80.5 / -18.16*** | ***lot 34 con 1 ON*** | ***WWIS***

Well ID:	3700753	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	12/2/1958
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5421
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700753.pdf

Bore Hole Information

Bore Hole ID:	10229291	**Elevation:**	82.493545
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366823.2
Code OB Desc:	Bedrock	**North83:**	4896929
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/8/1958	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931712379
Layer: 1
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700753
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777861
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388474
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388473
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 4
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

38	1 of 1	SE/0.9	86.6 / -12.11	lot 34 con 1 ON	WWIS

Well ID: 3700757
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Data Entry Status:
Data Src: 1
Date Received: 2/17/1964
Selected Flag: Yes
Abandonment Rec:

Water Type:		**Contractor:**	5421
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700757.pdf

Bore Hole Information

Bore Hole ID:	10229295	**Elevation:**	85.587997
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366602.2
Code OB Desc:	Bedrock	**North83:**	4896915
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/11/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712386
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712387
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10
Formation End Depth: 93
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700757
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777865
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388481
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388482
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 93
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700757
Pump Set At:
Static Level: 39
Final Level After Pumping:
Recommended Pump Depth: 90
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:

Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933696356
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	SW/1.8	91.5 / -7.19	lot 32 con 1 ON	WWIS

Well ID: 3700733
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/14/1955
Selected Flag: Yes
Abandonment Rec:
Contractor: 1704
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 032
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700733.pdf

Bore Hole Information

Bore Hole ID: 10229271
DP2BR: 3
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/28/1954
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 87.156867
Elevrc:
Zone: 18
East83: 365598.2
North83: 4897112
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931712335
Layer: 2
Color: 3

General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 129
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712334
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700733
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777841
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388434
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 129
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388433
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	11
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700733
Pump Set At:	
Static Level:	80
Final Level After Pumping:	85
Recommended Pump Depth:	
Pumping Rate:	17
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696333
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft

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Well ID:	3700756	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/16/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1506
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700756.pdf

Bore Hole Information

Bore Hole ID:	10229294	**Elevation:**	86.395118

DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366570.2
Code OB Desc:	Bedrock	**North83:**	4896919
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/13/1961	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712384
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712385
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	24
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700756
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777864
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930388480
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	24
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388479
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	6
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700756
Pump Set At:	
Static Level:	20
Final Level After Pumping:	22
Recommended Pump Depth:	23
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933696354
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	12
Water Found Depth UOM:	ft

Water Details

Water ID:	933696355
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	SE/5.4	83.0 / -15.70	lot 34 con 1 ON	WWIS

Well ID:	3700752	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	1/8/1958
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5421
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700752.pdf

Bore Hole Information

Bore Hole ID:	10229290	**Elevation:**	82.108673
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366729.2
Code OB Desc:	Bedrock	**North83:**	4896891
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/31/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712377
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712376
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712378
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12
Formation End Depth:	94
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700752
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777860
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388471
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388472
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	94
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700752
Pump Set At:	
Static Level:	22
Final Level After Pumping:	94
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696352
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

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Well ID:	3700746	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/25/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700746.pdf

Bore Hole Information

Bore Hole ID:	10229284	***Elevation:***	90.093467
DP2BR:	4	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366443.2
Code OB Desc:	Bedrock	***North83:***	4896943
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/15/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712363
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4
Formation End Depth:	140
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712362
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700746
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

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

Pipe Information

Pipe ID: 10777854
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388459
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388460
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 140
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700746
Pump Set At:
Static Level: 30
Final Level After Pumping: 140
Recommended Pump Depth:
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696346
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 130
Water Found Depth UOM: ft

43	*1 of 1*	*ESE/10.6*	*80.0 / -18.63*	*lot 34 con 1 ON*	*WWIS*

Well ID:	3706139	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/10/1985
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2659
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3706139.pdf

Bore Hole Information

Bore Hole ID:	10234631	**Elevation:**	81.537338
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366829.2
Code OB Desc:	Bedrock	**North83:**	4896921
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/22/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931726070
Layer:	1
Color:	7
General Color:	RED
Mat1:	28
Most Common Material:	SAND
Mat2:	02
Mat2 Desc:	TOPSOIL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931726071
Layer:	2

Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	80
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963706139
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10783201
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930397855
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993706139
Pump Set At:	
Static Level:	20
Final Level After Pumping:	80
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934210626
Test Type:	Recovery

Test Duration: 15
Test Level: 80
Test Level UOM: ft

Water Details

Water ID: 933701972
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75
Water Found Depth UOM: ft

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44 | **1 of 1** | **S/11.2** | **92.0 / -6.67** | **lot 32 con 1 ON** | **WWIS**

Well ID: 3705605
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/17/1980
Selected Flag: Yes
Abandonment Rec:
Contractor: 3202
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 032
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705605.pdf

Bore Hole Information

Bore Hole ID: 10234097
DP2BR: 6
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/14/1980
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 92.410736
Elevrc:
Zone: 18
East83: 366029.2
North83: 4897021
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931724571
Layer: 1

Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724572
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724573
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724574
Layer:	4
Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	125
Formation End Depth:	135
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963705605
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10782667
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930397063
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993705605
Pump Set At:	
Static Level:	60
Final Level After Pumping:	128
Recommended Pump Depth:	130
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934494199
Test Type:	Draw Down
Test Duration:	30
Test Level:	84
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935015304
Test Type:	Draw Down
Test Duration:	60
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934217726
Test Type:	Draw Down
Test Duration:	15
Test Level:	74
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934745594
Test Type:	Draw Down
Test Duration:	45
Test Level:	92
Test Level UOM:	ft

Water Details

Water ID:	933701358
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	128
Water Found Depth UOM:	ft

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45 | ***1 of 1*** | ***SW/12.0*** | ***88.7 / -10.01*** | ***Highway 33 Kingston ON*** | ***EHS***

Order No:	20141202014	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	20-MAY-15	***Search Radius (km):***	.25
Date Received:	02-DEC-14	***X:***	-76.683146
Previous Site Name:		***Y:***	44.214922
Lot/Building Size:			
Additional Info Ordered:			

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46 | ***1 of 2*** | ***NNE/21.7*** | ***94.9 / -3.77*** | ***ASHWARREN INTERNATIONAL TAYLOR KIDD ROAD AND COUNTY RD. 6 RR#3 BATH LOT 25, CON.1 ERNESTOWN TWP LOYALIST TOWNSHIP ON*** | ***SPL***

Ref No:	169321	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/23/1999	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	57612
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/23/1999	***Site Map Datum:***	

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

Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ASHWARREN-CALCIUM CHLOR- IDE SOL'N TO ASPHALT RD. TANK LEAK. CLEANED.		
Contaminant Qty:			

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46 | **2 of 2** | **NNE/21.7** | **94.9 / -3.77** | **The Corporation of Loyalist Township**
Northwest quadrant of intersection of County Road 6 and County Road 23
Loyalist ON K0H 2H0 | **ECA**

Approval No:	6040-BVBQKW	**MOE District:**	Kingston
Approval Date:	2020-11-27	**City:**	
Status:	Approved	**Longitude:**	-76.6789
Record Type:	ECA	**Latitude:**	44.2303
Link Source:	IDS	**Geometry X:**	-8535856.1026
SWP Area Name:	Cataraqui	**Geometry Y:**	5501151.0832
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Northwest quadrant of intersection of County Road 6 and County Road 23		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4387-BRPQB4-14.pdf		

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47 | **1 of 1** | **ESE/27.8** | **79.3 / -19.35** | **Highway 33 and County Rd 6, Amherstview**
Loyalist ON | **SPL**

Ref No:	2666-AACD59	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/05/27	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Collision/Accident	**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	Lake Ontario
Contaminant Name:	MOTOR OIL	**Site Address:**	Highway 33 and County Rd 6, Amherstview
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Loyalist
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Surface Water; Source Water Zone	**Northing:**	4896958
MOE Response:	No	**Easting:**	366983
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/05/27	**Site Map Datum:**	
Dt Document Closed:	2016/06/27	**SAC Action Class:**	Environment Canada - Spills at Federal Facilities & Spills of National Interest
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	Lake Ontario<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Lake Ontario: SUV submerged causing motor fluids discharge to lake		
Contaminant Qty:	0 other - see incident description		

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48 | **1 of 1** | **ESE/28.7** | **94.8 / -3.88** | **lot 35 con 1**
ON | **WWIS**

Well ID:	3700765	**Data Entry Status:**	
Construction Date:		**Data Src:**	1

Primary Water Use:	Domestic	**Date Received:**	2/11/1966
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1506
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700765.pdf

Bore Hole Information

Bore Hole ID:	10229303	**Elevation:**	95.007514
DP2BR:	7	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366831.2
Code OB Desc:	Bedrock	**North83:**	4897324
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/3/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712403
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7
Formation End Depth:	110
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712402
Layer:	1
Color:	
General Color:	

Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700765
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777873
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388494
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388495
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700765
Pump Set At:	
Static Level:	12
Final Level After Pumping:	110
Recommended Pump Depth:	109
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2

Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933696362
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	100
Water Found Depth UOM:	ft

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49 | ***1 of 1*** | ***N/30.2*** | ***96.5 / -2.13*** | ***Lot 3 Plan 29M-10 Amherstview ON*** | ***EHS***

Order No:	20110721016	**Nearest Intersection:**	Taylor Kidd Boulevard and County Road 6
Status:	C	**Municipality:**	Loyalist Township, County of Lennox and Addington
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	7/22/2011	**Search Radius (km):**	0.25
Date Received:	7/21/2011 10:50:25 AM	**X:**	-76.678471
Previous Site Name:		**Y:**	44.227171
Lot/Building Size:			
Additional Info Ordered:			

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50 | ***1 of 1*** | ***WSW/34.3*** | ***74.8 / -23.82*** | ***ON*** | ***BORE***

Borehole ID:	836001	**Inclin FLG:**	No
OGF ID:	215588522	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	29-AUG-1985	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	Ernestown
Sec. Water Use:		**Latitude DD:**	44.216608
Total Depth m:	14.8	**Longitude DD:**	-76.686872
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	365249
Drill Method:	Hollow stem auger	**Northing:**	4897315
Orig Ground Elev m:	76.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	75.1		
Concession:			
Location D:	HWY 33 AND PARROTTS BAY		
Survey D:			
Comments:	Groundwater elevation not determined		

Borehole Geology Stratum

Geology Stratum ID:	6023131	**Mat Consistency:**	
Top Depth:	11.6	**Material Moisture:**	
Bottom Depth:	14.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	Trenton
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Bedrock, Limestone; Unweathered **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6023129	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	10.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Boulders, gravel and sand. Trace silt. Trace clay. Occasional organic zones; Loose to very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6023130	**Mat Consistency:**	Loose
Top Depth:	10.4	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	organic material	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Probable silty sand to sandy silt. Trace/with organics. Trace/some clay. Occasional gravel zones. Occasional boulders.; Slightly cohesive; Loose to very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.

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51 | **1 of 1** | **WSW/35.0** | **78.7 / -19.95** | **lot 31 con 1 ON** | **WWIS**

Well ID:	3700729	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	6/8/1967
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700729.pdf

Bore Hole Information

Bore Hole ID:	10229267	**Elevation:**	77.408035
DP2BR:	8	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365376.2
Code OB Desc:	Bedrock	**North83:**	4897197
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5

Date Completed: 4/18/1967
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 100 m - 100 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931712326
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712327
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8
Formation End Depth: 50
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700729
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777837
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388426
Layer: 2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388425
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700729
Pump Set At:	
Static Level:	3
Final Level After Pumping:	105
Recommended Pump Depth:	100
Pumping Rate:	105
Flowing Rate:	
Recommended Pump Rate:	48
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:	No

Water Details

Water ID:	933696329
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22
Water Found Depth UOM:	ft

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52 | ***1 of 1*** | ***ESE/35.6*** | ***89.5 / -9.14*** | ***lot 35 con 1 ON*** | ***WWIS***

Well ID:	3700759	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/10/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Quality	**Abandonment Rec:**	
Water Type:		**Contractor:**	2402
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700759.pdf

Bore Hole Information

Bore Hole ID:	10229297	**Elevation:**	89.588859
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366897.2
Code OB Desc:	Bedrock	**North83:**	4897197
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	4/14/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712391
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	148
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700759
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777867
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388486
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	148
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388485
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	5
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700759
Pump Set At:	
Static Level:	135
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933696358
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	135
Water Found Depth UOM:	ft

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53 ***1 of 1*** ***S/38.8*** ***90.8 / -7.89*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	3700738	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/9/1963
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2402
Casing Material:		***Form Version:***	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700738.pdf

Bore Hole Information

Bore Hole ID:	10229276	**Elevation:**	90.819465
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366023.2
Code OB Desc:	Bedrock	**North83:**	4896994
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/22/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712346
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	128
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712345
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700738
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777846
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388444
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 128
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388443
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700738
Pump Set At:
Static Level: 48
Final Level After Pumping: 120
Recommended Pump Depth: 120
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933696338
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	121
Water Found Depth UOM:	ft

54 ***1 of 1*** ***WSW/39.3*** ***74.8 / -23.82*** ***ON*** ***BORE***

Borehole ID:	835998	***Inclin FLG:***	No
OGF ID:	215588519	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	28-AUG-1985	***Municipality:***	
Static Water Level:	0.0	***Lot:***	
Primary Water Use:		***Township:***	Ernestown
Sec. Water Use:		***Latitude DD:***	44.216499
Total Depth m:	12.8	***Longitude DD:***	-76.686956
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	365242
Drill Method:	Hollow stem auger	***Northing:***	4897303
Orig Ground Elev m:	75.1	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	74.6		
Concession:			
Location D:	HWY 33 AND PARROTTS BAY		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6023122	***Mat Consistency:***	
Top Depth:	9.7	***Material Moisture:***	
Bottom Depth:	12.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	Trenton
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Bedrock, Limestone; Weathered to unweathered **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023120	***Mat Consistency:***	Loose
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	6.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Boulders	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Silt	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Boulders, gravel and sand. Trace silt. Trace clay. Occasional organic zones; Loose to Very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023121	***Mat Consistency:***	Very Loose
Top Depth:	6.7	***Material Moisture:***	
Bottom Depth:	9.7	***Material Texture:***	

Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	organic material	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	

Gsc Material Description:

Stratum Description: Silty sand to sandy silt. Trace/with organics. Trace/some clay. Occasional gravel zones. Occasional boulders.; Slightly cohesive; Very loose to very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.

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55 | **1 of 1** | **SSW/46.2** | **91.8 / -6.86** | **lot 32 con 1 ON** | **WWIS**

Well ID:	3705775	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/8/1982
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705775.pdf

Bore Hole Information

Bore Hole ID:	10234267	**Elevation:**	89.515747
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365829.2
Code OB Desc:	Bedrock	**North83:**	4897021
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/29/1981	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931725050
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931725051
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 129
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963705775
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10782837
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930397326
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993705775
Pump Set At:
Static Level: 41
Final Level After Pumping: 129
Recommended Pump Depth: 124
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 3

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934745690
Test Type:	Draw Down
Test Duration:	45
Test Level:	129
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934494735
Test Type:	Draw Down
Test Duration:	30
Test Level:	129
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935015818
Test Type:	Draw Down
Test Duration:	60
Test Level:	129
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934209499
Test Type:	Draw Down
Test Duration:	15
Test Level:	129
Test Level UOM:	ft

Water Details

Water ID:	933701555
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	124
Water Found Depth UOM:	ft

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56 ***1 of 1*** ***S/47.0*** ***90.3 / -8.34*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	3700739	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/9/1963
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2402
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	

Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700739.pdf

Bore Hole Information

Bore Hole ID:	10229277	**Elevation:**	90.270111
DP2BR:	4	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366021.2
Code OB Desc:	Bedrock	**North83:**	4896986
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/20/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712347
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712348
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 4
Formation End Depth: 145
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700739
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777847
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388445
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 8
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388446
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 145
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700739
Pump Set At:
Static Level: 60
Final Level After Pumping: 130
Recommended Pump Depth: 130
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933696339
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	140
Water Found Depth UOM:	ft

57 | ***1 of 1*** | ***WSW/53.2*** | ***79.9 / -18.74*** | ***4860 BATH ROAD lot 3 con 1 BATH ON*** | ***WWIS***

Well ID:	7150983	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	9/10/2010
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	7
Audit No:	Z114633	***Owner:***	
Tag:	A100259	***Street Name:***	4860 BATH ROAD
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7150983.pdf

Bore Hole Information

Bore Hole ID:	1003332331	***Elevation:***	79.983375
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	365413
Code OB Desc:		***North83:***	4897150
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/30/2010	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003387922
Layer:	5
Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 47
Formation End Depth: 67
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003387923
Layer: 6
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 67
Formation End Depth: 80
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003387920
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003387918
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003387919
Layer: 2
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003387921
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 47
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003387926
Layer: 1
Plug From: 20
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003387959
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1003387916
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003387930
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 20

Depth To:	80
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1003387929
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	20
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1003387931
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003387917
Pump Set At:	78
Static Level:	20.1
Final Level After Pumping:	20.2
Recommended Pump Depth:	76
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	12
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1003387941
Test Type:	Recovery
Test Duration:	5
Test Level:	20.2
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003387954
Test Type:	Draw Down
Test Duration:	50
Test Level:	20.2

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387932
Test Type: Draw Down
Test Duration: 1
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387945
Test Type: Recovery
Test Duration: 15
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387944
Test Type: Draw Down
Test Duration: 15
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387942
Test Type: Draw Down
Test Duration: 10
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387936
Test Type: Draw Down
Test Duration: 3
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387949
Test Type: Recovery
Test Duration: 25
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387938
Test Type: Draw Down
Test Duration: 4
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387957
Test Type: Recovery
Test Duration: 60
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387933
Test Type: Recovery
Test Duration: 1
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387955
Test Type: Recovery
Test Duration: 50
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387952
Test Type: Draw Down
Test Duration: 40
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387953
Test Type: Recovery
Test Duration: 40
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387956
Test Type: Draw Down
Test Duration: 60
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387940
Test Type: Draw Down
Test Duration: 5
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387950
Test Type: Draw Down
Test Duration: 30

Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387939
Test Type: Recovery
Test Duration: 4
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387947
Test Type: Recovery
Test Duration: 20
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387935
Test Type: Recovery
Test Duration: 2
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387943
Test Type: Recovery
Test Duration: 10
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387951
Test Type: Recovery
Test Duration: 30
Test Level: 20.1
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387934
Test Type: Draw Down
Test Duration: 2
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003387946
Test Type: Draw Down
Test Duration: 20
Test Level: 20.2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1003387948
Test Type:	Draw Down
Test Duration:	25
Test Level:	20.2
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003387937
Test Type:	Recovery
Test Duration:	3
Test Level:	20.2
Test Level UOM:	ft

Water Details

Water ID:	1003387927
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	50
Water Found Depth UOM:	ft

Water Details

Water ID:	1003387928
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	74
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003387925
Diameter:	6
Depth From:	20
Depth To:	80
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1003387924
Diameter:	10
Depth From:	0
Depth To:	20
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

58 ***1 of 1*** ***WSW/56.3*** ***74.8 / -23.82*** ***ON*** ***BORE***

Borehole ID:	836000	***Inclin FLG:***	No
OGF ID:	215588521	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	04-SEP-1985	***Municipality:***	

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

Static Water Level:	1.2	**Lot:**	
Primary Water Use:		**Township:**	Ernestown
Sec. Water Use:		**Latitude DD:**	44.216667
Total Depth m:	15.2	**Longitude DD:**	-76.687136
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	365228
Drill Method:	Hollow stem auger	**Northing:**	4897322
Orig Ground Elev m:	76.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	74.6		
Concession:			
Location D:	HWY 33 AND PARROTTS BAY		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6023126	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	8.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Boulders, gravel and sand. Trace silt. Trace clay. Occasional organic zones; Loose to Very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023128	**Mat Consistency:**	
Top Depth:	11.3	**Material Moisture:**	
Bottom Depth:	15.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	Trenton
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Bedrock, Limestone; Weathered to unweathered **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023127	**Mat Consistency:**	Compact
Top Depth:	8.2	**Material Moisture:**	
Bottom Depth:	11.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	organic material	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Silty sand to sandy silt. Trace/with organics. Trace/some clay. Occasional gravel zones. Occasional boulders.; Slightly cohesive; Compact **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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59 ***1 of 1*** ***WSW/56.6*** ***74.8 / -23.82*** ***ON*** ***BORE***

Borehole ID:	835999	**Inclin FLG:**	No
OGF ID:	215588520	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	03-SEP-1985	**Municipality:**	
Static Water Level:	0.5	**Lot:**	

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

Primary Water Use:		**Township:**	Ernestown
Sec. Water Use:		**Latitude DD:**	44.216549
Total Depth m:	18	**Longitude DD:**	-76.68717
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	365225
Drill Method:	Hollow stem auger	**Northing:**	4897309
Orig Ground Elev m:	75.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	74.8		
Concession:			
Location D:	HWY 33 AND PARROTTS BAY		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6023125	**Mat Consistency:**	
Top Depth:	13.4	**Material Moisture:**	
Bottom Depth:	18	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Bedrock, Limestone; Unweathered **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023123	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Boulders, gravel and sand. Trace silt. Trace clay. Occasional organic zones. Occasional silty clay zones; Loose to Very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6023124	**Mat Consistency:**	Loose
Top Depth:	9.8	**Material Moisture:**	
Bottom Depth:	13.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Boulders	**Geologic Period:**	
Material 4:	organic material	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Silty sand to sandy silt. Trace/with organics. Trace/some clay. Occasional gravel zones. Occasional to frequent boulders.; Slightly cohesive; Loose to very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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60 | ***1 of 1*** | ***N/60.6*** | ***96.9 / -1.79*** | ***William Henderson Drive Bath ON K0H 1G0*** | ***EHS***

Order No:	20300700054	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-OCT-20	**Search Radius (km):**	.25
Date Received:	07-OCT-20	**X:**	-76.6787511
Previous Site Name:		**Y:**	44.22738196
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
61	1 of 1	ESE/61.1	83.2 / -15.43	lot 35 con 1 ON	WWIS

Well ID: 3700760
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: 7/20/1959
Selected Flag: Yes
Abandonment Rec:
Contractor: 5421
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 035
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700760.pdf

Bore Hole Information

Bore Hole ID: 10229298
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/18/1959
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 83.431961
Elevrc:
Zone: 18
East83: 366983.2
North83: 4897071
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931712393
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18
Formation End Depth: 89
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931712392
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	18
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700760
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777868
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388487
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388488
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	89
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700760
Pump Set At:	
Static Level:	24

Final Level After Pumping:	89
Recommended Pump Depth:	
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696359
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32
Water Found Depth UOM:	ft

---

62 | ***1 of 1*** | ***NNE/67.0*** | ***96.0 / -2.69*** | ***lot 35 con 1 ON*** | ***WWIS***

Well ID:	3700761	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	10/15/1959
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	035
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700761.pdf

Bore Hole Information

Bore Hole ID:	10229299	***Elevation:***	96.471984
DP2BR:	3	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366310.2
Code OB Desc:	Bedrock	***North83:***	4898549
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	8/8/1959	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931712394
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712395
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 134
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700761
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777869
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388489
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6

Casing Diameter UOM: inch
Casing Depth UOM: ft

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63 | **1 of 1** | **S/67.3** | **89.9 / -8.76** | **UNIDEM SALES INC**
2 EDGEWOOD RD,,BATH,ON,K0H 1G0,CA
ON | **PINC**

Incident ID:
Incident No: 2902638
Incident Reported Dt: 8/6/2020
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: UNIDEM SALES INC
Incident Address: 2 EDGEWOOD RD,,BATH,ON,K0H 1G0,CA
Tank Status: Report Received
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

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64 | **1 of 1** | **ESE/67.3** | **84.0 / -14.65** | **lot 35 con 1**
ON | **WWIS**

Well ID: 3700764
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: 2/17/1964
Selected Flag: Yes
Abandonment Rec:
Contractor: 5421
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 035
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700764.pdf

Bore Hole Information

Bore Hole ID: 10229302
DP2BR: 81
Spatial Status:

Elevation: 84.245803
Elevrc:
Zone: 18

Code OB:	r	**East83:**	366977.2
Code OB Desc:	Bedrock	**North83:**	4897099
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/12/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712401
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	81
Formation End Depth:	95
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712400
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	81
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700764
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777872
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388493
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700764
Pump Set At:	
Static Level:	50
Final Level After Pumping:	95
Recommended Pump Depth:	95
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	7
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696361
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	93
Water Found Depth UOM:	ft

---

65 ***1 of 1*** ***SE/68.2*** ***79.5 / -19.22*** ***lot 34 con 1 ON*** ***WWIS***

Well ID:	3700751	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/8/1958
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	034
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700751.pdf

Bore Hole Information

Bore Hole ID:	10229289	***Elevation:***	78.271415
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366700.2
Code OB Desc:	Bedrock	***North83:***	4896827
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/2/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712374
Layer:	1
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712375
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16
Formation End Depth:	41
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700751
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777859
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388470
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	41
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388469
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700751
Pump Set At:	
Static Level:	16
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696351
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	1 of 1	ESE/70.7	74.8 / -23.82	lot 34 con 1 ON	WWIS

Well ID: 3705212
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/8/1978
Selected Flag: Yes
Abandonment Rec:
Contractor: 3202
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 034
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705212.pdf

Bore Hole Information

Bore Hole ID: 10233709
DP2BR: 2
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/3/1978
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 73.759796
Elevrc:
Zone: 18
East83: 366929.2
North83: 4896921
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931723468
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931723469
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963705212
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10782279
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930396445
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993705212
Pump Set At:	
Static Level:	9
Final Level After Pumping:	26
Recommended Pump Depth:	28
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	15
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID: 934493090
Test Type: Draw Down
Test Duration: 30
Test Level: 23
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744554
Test Type: Draw Down
Test Duration: 45
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934216595
Test Type: Draw Down
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935014129
Test Type: Draw Down
Test Duration: 60
Test Level: 26
Test Level UOM: ft

Water Details

Water ID: 933700906
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 27
Water Found Depth UOM: ft

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67 | ***1 of 1*** | ***WSW/71.5*** | ***74.8 / -23.82*** | ***lot 30 con 1 ON*** | ***WWIS***

Well ID: 3700717
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:

Data Entry Status:
Data Src: 1
Date Received: 6/10/1957
Selected Flag: Yes
Abandonment Rec:
Contractor: 1704
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 030
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700717.pdf

Bore Hole Information

Bore Hole ID:	10229255	***Elevation:***	76.918846
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365212.2
Code OB Desc:	Bedrock	***North83:***	4897322
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/30/1956	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712300
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	85
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700717
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777825
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388402
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388403
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	85
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700717
Pump Set At:	
Static Level:	38
Final Level After Pumping:	85
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696316
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	81
Water Found Depth UOM:	ft

68 ***1 of 1*** ***SSE/74.0*** ***90.2 / -8.48*** ***lot 33 con 1 ON*** ***WWIS***

Well ID:	3705623	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/27/1981
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705623.pdf

Bore Hole Information

Bore Hole ID:	10234115	**Elevation:**	87.886802
DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366229.2
Code OB Desc:	Bedrock	**North83:**	4896921
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/4/1980	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931724623
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724624
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	96
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 963705623
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10782685
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930397096
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993705623
Pump Set At:
Static Level: 50
Final Level After Pumping: 86
Recommended Pump Depth: 93
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934494216
Test Type: Draw Down
Test Duration: 30
Test Level: 71
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935015313
Test Type: Draw Down
Test Duration: 60
Test Level: 83
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934745603
Test Type:	Draw Down
Test Duration:	45
Test Level:	79
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934209387
Test Type:	Draw Down
Test Duration:	15
Test Level:	62
Test Level UOM:	ft

Water Details

Water ID:	933701384
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	93
Water Found Depth UOM:	ft

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69 | ***1 of 1*** | ***SE/78.9*** | ***81.0 / -17.70*** | ***lot 34 con 1 ON*** | ***WWIS***

Well ID:	3702906	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/13/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3702906.pdf

Bore Hole Information

Bore Hole ID:	10231439	**Elevation:**	79.395362
DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366660.2
Code OB Desc:	Bedrock	**North83:**	4896822
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	1/29/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931717425
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931717426
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963702906
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10780009
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930392460
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To: 45
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930392459
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993702906
Pump Set At:
Static Level: 12
Final Level After Pumping: 17
Recommended Pump Depth: 43
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934747728
Test Type: Draw Down
Test Duration: 45
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934999472
Test Type: Draw Down
Test Duration: 60
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934209846
Test Type: Draw Down
Test Duration: 15
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934494685
Test Type: Draw Down
Test Duration: 30
Test Level: 17
Test Level UOM: ft

Water Details

Water ID: 933698344
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42
Water Found Depth UOM: ft

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70 | **1 of 1** | **NE/81.9** | **101.6 / 2.94** | **ON** | **WWIS**

Well ID: 7188527
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: C16382
Tag: A109143
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: Yes
Data Src:
Date Received: 4/23/2012
Selected Flag: Yes
Abandonment Rec:
Contractor: 7085
Form Version: 8
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7188527.pdf

Bore Hole Information

Bore Hole ID: 1004196189
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 4/5/2012
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 103.049453
Elevrc:
Zone: 18
East83: 366436
North83: 4898311
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

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71 | **1 of 1** | **WSW/83.4** | **74.8 / -23.82** | **lot 31 con 1 ON** | **WWIS**

Well ID:	3700726	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/2/1963
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2402
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700726.pdf

Bore Hole Information

Bore Hole ID:	10229264	**Elevation:**	77.729766
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365199.2
Code OB Desc:	Bedrock	**North83:**	4897318
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/5/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712319
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712321
Layer:	3

Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18
Formation End Depth:	82
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712320
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	18
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700726
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777834
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388419
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388420
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE

Depth From:	
Depth To:	82
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700726
Pump Set At:	
Static Level:	14
Final Level After Pumping:	68
Recommended Pump Depth:	65
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933696325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Water Details

Water ID:	933696326
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	78
Water Found Depth UOM:	ft

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72 ***1 of 1*** ***SSE/95.1*** ***88.9 / -9.78*** ***lot 33 con 1 ON*** ***WWIS***

Well ID:	3700750	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/22/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700750.pdf

Bore Hole Information

Bore Hole ID:	10229288	**Elevation:**	87.056442
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366129.2
Code OB Desc:	Bedrock	**North83:**	4896918
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/5/1964	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712373
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17
Formation End Depth:	73
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712371
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712372
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	17
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700750
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777858
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388468
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	73
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388467
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	19
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700750
Pump Set At:	
Static Level:	9
Final Level After Pumping:	73
Recommended Pump Depth:	68
Pumping Rate:	20
Flowing Rate:	

Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696350
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69
Water Found Depth UOM:	ft

---

73 | ***1 of 1*** | ***WSW/104.6*** | ***74.8 / -23.82*** | ***lot 31 con 1 ON*** | ***WWIS***

Well ID:	3702764	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/15/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3702764.pdf

Bore Hole Information

Bore Hole ID:	10231297	**Elevation:**	76.029853
DP2BR:	9	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365150.2
Code OB Desc:	Bedrock	**North83:**	4897352
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/23/1969	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931717027
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9
Formation End Depth:	31
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931717026
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963702764
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10779867
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930392188
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930392189
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	31
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993702764
Pump Set At:	
Static Level:	7
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934998936
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934217527
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934494566
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934747190
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

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

Water Details

Water ID:	933698193
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
74	1 of 1	SE/108.3	79.2 / -19.49	lot 33 con 1 ON	WWIS

Well ID:	3705733	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	1/18/1982
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3705733.pdf

Bore Hole Information

Bore Hole ID:	10234225	***Elevation:***	75.413864
DP2BR:	2	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366529.2
Code OB Desc:	Bedrock	***North83:***	4896821
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	6/8/1981	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931724940
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02

Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724942
Layer:	3
Color:	7
General Color:	RED
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	174
Formation End Depth:	195
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931724941
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	174
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963705733
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10782795
Casing No:	1
Comment:	
Alt Name:	

75	***1 of 1***	***WSW/109.8***	***74.8 / -23.82***	***lot 30 con 1 ON***	***WWIS***

Well ID:	3700716	**Data Entry Status:**	

Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/17/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	030
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700716.pdf

Bore Hole Information

Bore Hole ID:	10229254	**Elevation:**	77.630226
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365162.2
Code OB Desc:	Bedrock	**North83:**	4897336
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/29/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712299
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50
Formation End Depth:	85
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712298
Layer:	2
Color:	3

General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712297
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700716
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777824
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388401
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 85
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388400
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	16
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700716
Pump Set At:	
Static Level:	18
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696315
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Water Details

Water ID:	933696314
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	34
Water Found Depth UOM:	ft

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76 | ***1 of 1*** | ***WSW/110.2*** | ***74.8 / -23.82*** | ***lot 30 con 1 ON*** | ***WWIS***

Well ID:	3700718	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/8/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5421
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	030
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700718.pdf

Bore Hole Information

Bore Hole ID:	10229256	**Elevation:**	75.530113
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	h	**East83:**	365171.2
Code OB Desc:	Mixed in a Layer	**North83:**	4897301
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/16/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712302
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712303
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	62
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712301

Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963700718
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10777826
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930388405
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	62
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930388404
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993700718
Pump Set At:	
Static Level:	16
Final Level After Pumping:	62
Recommended Pump Depth:	57
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	3

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933696317
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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ON

EBR Registry No:	013-4770	**Decision Posted:**	November 19, 2019
Ministry Ref No:	3745-B8NSXB	**Exception Posted:**	
Notice Type:	Instrument	**Section:**	Part II.1 (20.3 or 20.5)
Notice Stage:	Decision	**Act 1:**	Environmental Protection Act, R.S.O. 1990
Notice Date:		**Act 2:**	Environmental Protection Act
Proposal Date:	February 22, 2019	**Site Location Map:**	44.22857,-76.676685
Year:	2019		

Instrument Type:	Environmental Compliance Approval (waste)
Off Instrument Name:	Environmental Compliance Approval (waste) (EPA s.27)
Posted By:	Ministry of the Environment, Conservation and Parks
Company Name:	
Site Address:	
Location Other:	
Proponent Name:	Brendar Environmental Inc.
Proponent Address:	1220 Rockwood Drive Kingston, ON K7P 2L1 Canada
Comment Period:	February 22, 2019 - April 8, 2019 (45 days) Closed
URL:	https://ero.ontario.ca/notice/013-4770

Site Location Details:

Loyalist East Business Park
Bath, ON K0H 1G0
Lot 4, Part of Lot 34

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78 | ***1 of 1*** | ***WSW/120.2*** | ***75.1 / -23.61*** | ***lot 31 con 1 ON*** | ***WWIS***

Well ID:	3700727	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/18/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	

Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	031
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700727.pdf

Bore Hole Information

Bore Hole ID:	10229265	**Elevation:**	78.356056
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365147.2
Code OB Desc:	Bedrock	**North83:**	4897334
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/1/1964	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712323
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	94
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712322
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0

Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700727
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777835
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388421
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388422
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 94
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700727
Pump Set At:
Static Level: 26
Final Level After Pumping: 90
Recommended Pump Depth: 92
Pumping Rate: 2
Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933696327
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
79	1 of 1	SSE/130.9	80.8 / -17.85	lot 33 con 1 ON	WWIS

Well ID:	3700747	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/4/1955
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700747.pdf

Bore Hole Information

Bore Hole ID:	10229285	***Elevation:***	77.824607
DP2BR:	1	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366302.2
Code OB Desc:	Bedrock	***North83:***	4896847
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	5/20/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712366
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15
Formation End Depth: 111
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712365
Layer: 2
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931712364
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700747
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777855
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388462
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:
Depth To: 111
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388461
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700747
Pump Set At:
Static Level: 24
Final Level After Pumping: 111
Recommended Pump Depth:
Pumping Rate: 7
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: No

Water Details

Water ID: 933696347
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 108
Water Found Depth UOM: ft

80	1 of 1	N/133.4	93.8 / -4.84	lot 34 con 1 ON	WWIS

Well ID: 3702941
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:

Data Entry Status:
Data Src: 1
Date Received: 12/4/1970
Selected Flag: Yes
Abandonment Rec:
Contractor: 1506
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 034

Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3702941.pdf

Bore Hole Information

Bore Hole ID:	10231474	**Elevation:**	93.580276
DP2BR:	6	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366150.2
Code OB Desc:	Bedrock	**North83:**	4898672
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/11/1969	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931717510
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	24
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931717509
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963702941
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10780044
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930392527
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	24
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930392526
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993702941
Pump Set At:	
Static Level:	10
Final Level After Pumping:	22
Recommended Pump Depth:	22
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934495690
Test Type:	Draw Down

Test Duration:	30
Test Level:	22
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934209878
Test Type:	Draw Down
Test Duration:	15
Test Level:	22
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934747759
Test Type:	Draw Down
Test Duration:	45
Test Level:	22
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934999923
Test Type:	Draw Down
Test Duration:	60
Test Level:	22
Test Level UOM:	ft

Water Details

Water ID:	933698384
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

---

81 | ***1 of 1*** | ***N/140.6*** | ***96.8 / -1.83*** | ***Lot 4 Loyalist Business Park Bath ON*** | ***EHS***

Order No:	20190501115	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	08-MAY-19	**Search Radius (km):**	.25
Date Received:	01-MAY-19	**X:**	-76.679192
Previous Site Name:		**Y:**	44.228029
Lot/Building Size:			
Additional Info Ordered:			

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82 | ***1 of 1*** | ***WSW/161.2*** | ***77.2 / -21.49*** | ***lot 30 con 1 ON*** | ***WWIS***

Well ID:	3703096	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/3/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	

Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	030
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3703096.pdf

Bore Hole Information

Bore Hole ID:	10231627	**Elevation:**	78.601646
DP2BR:	1	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365120.2
Code OB Desc:	Bedrock	**North83:**	4897302
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/23/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931717877
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	88
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931717876
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963703096
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10780197
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930392815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930392816
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 88
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993703096
Pump Set At:
Static Level: 18
Final Level After Pumping: 82
Recommended Pump Depth: 86
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	935000048
Test Type:	Draw Down
Test Duration:	60
Test Level:	76
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934210427
Test Type:	Draw Down
Test Duration:	15
Test Level:	49
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934496236
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934748299
Test Type:	Draw Down
Test Duration:	45
Test Level:	72
Test Level UOM:	ft

Water Details

Water ID:	933698561
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft

---

83 ***1 of 1*** ***S/165.1*** ***84.1 / -14.56*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	3700731	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/25/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N): ***Zone:***
Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700731.pdf

Bore Hole Information

Bore Hole ID:	10229269	***Elevation:***	82.695373
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	366072.2
Code OB Desc:	Bedrock	***North83:***	4896857
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/28/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712331
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12
Formation End Depth:	88
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712330
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 963700731

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

Pipe Information

Pipe ID: 10777839
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388429
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388430
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 88
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700731
Pump Set At:
Static Level: 25
Final Level After Pumping: 35
Recommended Pump Depth:
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933696331
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	1 of 2	ENE/166.0	101.8 / 3.18	PIPELINE HIT 1/2" 117 DR RICHARD JAMES CRES,, AMHERSTVIEW,ON,K7N 0B9,CA ON	PINC

Incident ID:		Fuel Category:	
Incident No:	2249702	Health Impact:	
Incident Reported Dt:	2/28/2018	Environment Impact:	
Type:	FS-Pipeline Incident	Property Damage:	
Status Code:		Service Interupt:	
Customer Acct Name:	PIPELINE HIT 1/2"	Enforce Policy:	
Incident Address:	117 DR RICHARD JAMES CRES,, AMHERSTVIEW,ON,K7N 0B9,CA	Public Relation:	
Tank Status:	Pipeline Damage Reason Est	Pipeline System:	
Task No:		Depth:	
Spills Action Centre:		Pipe Material:	
Fuel Type:		PSIG:	
Fuel Occurrence Tp:		Attribute Category:	
Date of Occurrence:		Regulator Location:	
Occurrence Start Dt:		Method Details:	
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	2 of 2	ENE/166.0	101.8 / 3.18	PIPELINE HIT 3/4" 117 DR. RICHARD JAMES DR,,AMHERSTVIEW, ON,K7N 0B9,CA ON	PINC

Incident ID:		Fuel Category:	
Incident No:	2252510	Health Impact:	
Incident Reported Dt:	3/2/2018	Environment Impact:	
Type:	FS-Pipeline Incident	Property Damage:	
Status Code:		Service Interupt:	
Customer Acct Name:	PIPELINE HIT 3/4"	Enforce Policy:	
Incident Address:	117 DR. RICHARD JAMES DR,, AMHERSTVIEW,ON,K7N 0B9,CA	Public Relation:	
Tank Status:	Cancelled	Pipeline System:	
Task No:		Depth:	
Spills Action Centre:		Pipe Material:	
Fuel Type:		PSIG:	
Fuel Occurrence Tp:		Attribute Category:	
Date of Occurrence:		Regulator Location:	
Occurrence Start Dt:		Method Details:	
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
85	1 of 1	WSW/170.9	82.8 / -15.86	AMHERSTVIEW QUARRY 2 ERNESTOWN ON	AMIS

Site Access Code:		**Start Year:**	
AMIS Distr Code:		**End Year:**	
Abandoned Mine ID:	07560	**Prog Rehab Plan:**	NO
Old MDI ID:	SO2730	**Evid of Site Contam:**	UNK
New MDI ID:	MDI31C02NE00009	**Evid of Sulphide:**	UNK
Official Nm:	AMHERSTVIEW QUARRY 2	**Evid Animals Pres:**	UNK
Mine Status:	ABANDONED	**Revegetation:**	UNK
Mine Plan/Section:	NO	**Veg Condition:**	
Site Class:	NOT APPLICABLE	**Veg Descr:**	
Clos Reason Code:		**Chemical Doc:**	UNK
Closure Plan:	NO	**Jurisdiction:**	A.R.A.
Prim Commod Code:		**Lot No:**	30
Prim Commod:	LIMESTONE (BUILDING STONES)	**Concession:**	1
Operat Access:	N/A	**Zone:**	18
Date Entered:		**Northing:**	4897350
Date Last Modified:	08-AUG-2006	**Easting:**	365070
Effective Date:	2003-01-27.15:37:01	**Clos Reason:**	CEASING PRODUCTION - OTHER

Hyper Link: http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07560.html
AMIS District: TWEED
District Desc: TWEED
Animal Desc:
Status Type Code:
Mine Features Desc: QUARRY
AMIS Bkgrd Info: THE SITE WAS NOT INCLUDED IN THE YEAR 2000 SURVEY.QUARRY OF UNKNOWN SIZE. QUARRY SYMBOL 2KM W. OF BAYVIEW ON GSC 1970, MAP 19-1970 IN PAPER 70-35.. COMMODITY: LIMESTONE.
Alias Name: AMHERSTVIEW QUARRY 2

AMIS Features

AMIS Feature ID:	88165	**Feature Length:**	0
Effective Date:		**Eval Performed Ind:**	
Date Last Modified:	08-AUG-2006	**Soil Erosion Flag:**	
Dt Entered in AMIS:		**Txt Feature ID:**	
Mine Feat Class Desc:	FEATURE TO SURFACE	**UTM Zone:**	18
Feature Type Code:		**UTM Northing:**	4897349
Mine Feat Type Desc:	QUARRY	**UTM Easting:**	365053
Hazard Status Desc:	NOT AVAILABLE	**Lat DD Features:**	44.21688
Depth or Height:	0	**Long DD Features:**	-76.68933
Feature Width:	0		

Mine Feature Condition Desc: THE SITE/FEATURE WAS NOT INCLUDED IN THE YEAR 2000 SURVEY.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
86	1 of 1	WSW/171.0	82.8 / -15.86	AMHERSTVIEW QUARRY #2 ON	MNR

MDI No:	MDI31C02NE00009	**Twp Area:**	ERNESTOWN
OGF ID:	205266384	**Dep Class:**	
Deposit Status:	PAST PRODUCING MINE WITHOUT RESERVES	**Zone:**	18
Claim Map:	T-0489	**Easting:**	365070.351
Geological District:	SOUTHEASTERN ONTARIO	**Northing:**	4897349.39
Mining Division:	SOUTHERN ONTARIO	**Effective Dt/time:**	13-Jun-2005
Name:	AMHERSTVIEW QUARRY #2	**Date Last Modified:**	
P Commod:	LIMESTONE (CRUSHED STONES)	**Geo Update Dt/time:**	
S Commod:			

Class Sub Type No: 2499
Class Sub Type: Past Producing Mine Without Reserves
Source Map: GSC 1970, MAP 19-1970 IN PAPER 70-35
Detail: http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31C02NE00009.html
All Names: AMHERSTVIEW QUARRY #2

Access Description: N/A**Note: Many records provided by the department have a truncated [Access Description] field.
Status: PAST PRODUCING MINE WITHOUT RESERVES

Deposit Details

Deposit Year: 1990
Deposit Character:
Commodity: LIMESTONE (CRUSHED STONES)
Ranking: 1
Twp/Area: ERNESTOWN
Con/Lot/Sec: LOT: 30 Con: 1
Legal Desc:
Township Area Ranking: 1
Mndm Township Area No: 778
Effective Date/Time: 12/7/2005 12:32:36 PM

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87 | **1 of 1** | **NNE/194.9** | **93.9 / -4.77** | **lot 35 con 1 ON** | **WWIS**

Well ID: 3704984
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-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: 11/17/1977
Selected Flag: Yes
Abandonment Rec:
Contractor: 1519
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 035
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704984.pdf

Bore Hole Information

Bore Hole ID: 10233484
DP2BR: 3
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/14/1977
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 92.995964
Elevrc:
Zone: 18
East83: 366270.2
North83: 4898752
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931722882
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931722883
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 85
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963704984
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10782054
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930396075
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

88	1 of 3	NW/196.0	100.5 / 1.86	lot 32 con 1 ON	WWIS

Well ID:	3706506	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/28/1987
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:	01904	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3706506.pdf

Bore Hole Information

Bore Hole ID:	10234997	**Elevation:**	99.960021
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365199.2
Code OB Desc:	Bedrock	**North83:**	4898464
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	4/28/1987	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931727172
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	94
Formation End Depth:	113
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931727171
Layer:	3

Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	91
Formation End Depth:	94
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931727169
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931727170
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	91
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933157664
Layer:	1
Plug From:	10
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963706506
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10783567
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930398400
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993706506
Pump Set At:	
Static Level:	40
Final Level After Pumping:	108
Recommended Pump Depth:	112
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934220808
Test Type:	
Test Duration:	15
Test Level:	74
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934496976
Test Type:	
Test Duration:	30
Test Level:	89
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934747871
Test Type:	
Test Duration:	45
Test Level:	97

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935008804
Test Type:
Test Duration: 60
Test Level: 102
Test Level UOM: ft

Water Details

Water ID: 933702433
Layer: 2
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 109
Water Found Depth UOM: ft

Water Details

Water ID: 933702432
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 72
Water Found Depth UOM: ft

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88 | ***2 of 3*** | ***NW/196.0*** | ***100.5 / 1.86*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3708320	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/22/1994
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:	138676	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708320.pdf

Bore Hole Information

Bore Hole ID:	10236809	***Elevation:***	99.960021
DP2BR:	1	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365199.2
Code OB Desc:	Bedrock	***North83:***	4898464
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 3/2/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 931733005
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931733006
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 72
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931733009
Layer: 5
Color: 4
General Color: GREEN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 100
Formation End Depth: 102
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931733008
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	78
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733007
Layer:	3
Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	72
Formation End Depth:	78
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733010
Layer:	6
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	102
Formation End Depth:	108
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159082
Layer:	1
Plug From:	4
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 963708320
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10785379
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930400899
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993708320
Pump Set At:
Static Level: 41
Final Level After Pumping: 102
Recommended Pump Depth: 107
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935013812
Test Type:
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934225937
Test Type:
Test Duration: 15
Test Level: 79
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934493730
Test Type:	
Test Duration:	30
Test Level:	93
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934752873
Test Type:	
Test Duration:	45
Test Level:	97
Test Level UOM:	ft

Water Details

Water ID:	933704591
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	102
Water Found Depth UOM:	ft

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88 | ***3 of 3*** | ***NW/196.0*** | ***100.5 / 1.86*** | ***lot 32 con 1 ON*** | ***WWIS***

Well ID:	3708479	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/27/1995
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:	153644	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708479.pdf

Bore Hole Information

Bore Hole ID:	10236968	**Elevation:**	99.960021
DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365199.2
Code OB Desc:	Bedrock	**North83:**	4898464
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/7/1993	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931733547
Layer: 4
Color: 4
General Color: GREEN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 56
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931733544
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931733545
Layer: 2
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931733546
Layer: 3
Color: 3

General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	56
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733549
Layer:	6
Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	118
Formation End Depth:	127
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733548
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	118
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159236
Layer:	1
Plug From:	4
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963708479
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10785538
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930401118
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993708479
Pump Set At:	
Static Level:	52
Final Level After Pumping:	119
Recommended Pump Depth:	125
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934226483
Test Type:	
Test Duration:	15
Test Level:	76
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935014340
Test Type:	
Test Duration:	60
Test Level:	110
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934744625
Test Type:	
Test Duration:	45
Test Level:	105
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934494276
Test Type:	
Test Duration:	30
Test Level:	94
Test Level UOM:	ft

Water Details

Water ID:	933704783
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	119
Water Found Depth UOM:	ft

89 ***1 of 1*** ***NW/199.0*** ***100.4 / 1.71*** ***lot 32 con 1 ON*** ***WWIS***

Well ID:	3709179	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	9/21/2000
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Quality	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:	216017	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3709179.pdf

Bore Hole Information

Bore Hole ID:	10237668	***Elevation:***	100.235939
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365196.4
Code OB Desc:	Bedrock	***North83:***	4898465
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	8/3/2000	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931735838
Layer:	8
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	137
Formation End Depth:	140
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735834
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	24
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735832
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735835
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 42
Formation End Depth: 97
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931735837
Layer: 7
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 111
Formation End Depth: 137
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931735831
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931735833
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10
Formation End Depth: 24
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931735836
Layer: 6
Color: 2
General Color: GREY

Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	97
Formation End Depth:	111
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963709179
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10786238
Casing No:	1
Comment:	
Alt Name:	

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90 | ***1 of 1*** | ***N/210.4*** | ***96.7 / -1.99*** | ***112 William Henderson Dr Loyalist ON K0H1G0*** | ***EHS***

Order No:	20170314029	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-MAR-17	**Search Radius (km):**	.25
Date Received:	14-MAR-17	**X:**	-76.678481
Previous Site Name:		**Y:**	44.22894
Lot/Building Size:			
Additional Info Ordered:			

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91 | ***1 of 1*** | ***NW/217.6*** | ***96.0 / -2.65*** | ***lot 33 con 1 ON*** | ***WWIS***

Well ID:	3708990	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/9/1999
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1704
Casing Material:		**Form Version:**	1
Audit No:	195604	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708990.pdf

Bore Hole Information

Bore Hole ID:	10237479	***Elevation:***	94.989212
DP2BR:	1	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365523.2
Code OB Desc:	Bedrock	***North83:***	4898651
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	5/20/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931735184
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	155
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735183
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735185
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:	21
Mat2 Desc:	GRANITE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	155
Formation End Depth:	191
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159717
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159718
Layer:	2
Plug From:	1591
Plug To:	91
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963708990
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10786049
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930401824
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993708990
Pump Set At:	
Static Level:	52
Final Level After Pumping:	52
Recommended Pump Depth:	154
Pumping Rate:	44

Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934745806
Test Type:	
Test Duration:	45
Test Level:	52
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935015942
Test Type:	
Test Duration:	60
Test Level:	52
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934495467
Test Type:	
Test Duration:	30
Test Level:	52
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934219307
Test Type:	
Test Duration:	15
Test Level:	95
Test Level UOM:	ft

Water Details

Water ID:	933705317
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	156
Water Found Depth UOM:	ft

92	*1 of 2*	*NW/217.6*	*95.0 / -3.66*	*lot 33 con 1 ON*	*WWIS*

Well ID:	3709234	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	2/1/2001
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1507

Casing Material:		**Form Version:**	1
Audit No:	214406	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3709234.pdf

Bore Hole Information

Bore Hole ID:	10237723	**Elevation:**	94.580993
DP2BR:	5	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365520.4
Code OB Desc:	Bedrock	**North83:**	4898652
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/23/2000	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931735994
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931735995
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD

Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 61
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963709234
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10786293
Casing No: 1
Comment:
Alt Name:

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92 **2 of 2** **NW/217.6** **95.0 / -3.66** **lot 33 con 1 ON** **WWIS**

Well ID: 3709238
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 214405
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: 2/1/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1507
Form Version: 1
Owner:
Street Name:
County: LENNOX ADDINGTON
Municipality: ERNESTOWN TOWNSHIP
Site Info:
Lot: 033
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3709238.pdf

Bore Hole Information

Bore Hole ID: 10237727
DP2BR: 9
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/20/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation: 94.580993
Elevrc:
Zone: 18
East83: 365520.4
North83: 4898652
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931736000
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931736001
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9
Formation End Depth:	145
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963709238
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10786297
Casing No:	1
Comment:	
Alt Name:	

93 ***1 of 1*** ***WSW/218.0*** ***81.5 / -17.16*** ***lot 30 con 1 ON*** ***WWIS***

Well ID:	3700712	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/25/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5421
Casing Material:		***Form Version:***	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	030
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3700712.pdf

Bore Hole Information

Bore Hole ID:	10229250	**Elevation:**	81.543724
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365060.2
Code OB Desc:	Bedrock	**North83:**	4897282
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/11/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931712289
Layer:	1
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931712290
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 55
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963700712
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10777820
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930388393
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 55
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930388392
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 11
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993700712
Pump Set At:
Static Level: 18
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 4
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: No

Water Details

Water ID:	933696310
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30
Water Found Depth UOM:	ft

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Well ID:	3706868	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/10/1989
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1704
Casing Material:		***Form Version:***	1
Audit No:	19993	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3706868.pdf

Bore Hole Information

Bore Hole ID:	10235358	***Elevation:***	95.059745
DP2BR:	3	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	365524.2
Code OB Desc:	Bedrock	***North83:***	4898653
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/19/1987	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931728329
Layer:	1
Color:	
General Color:	
Mat1:	02

Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931728330
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	150
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963706868
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10783928
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930398860
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993706868
Pump Set At:	
Static Level:	46
Final Level After Pumping:	150
Recommended Pump Depth:	145
Pumping Rate:	5
Flowing Rate:	

Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934498094
Test Type:
Test Duration: 30
Test Level: 150
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934748972
Test Type:
Test Duration: 45
Test Level: 150
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934221929
Test Type:
Test Duration: 15
Test Level: 150
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935009906
Test Type:
Test Duration: 60
Test Level: 150
Test Level UOM: ft

Water Details

Water ID: 933702880
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 98
Water Found Depth UOM: ft

Water Details

Water ID: 933702881
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 145
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
94	2 of 3	NW/219.8	96.0 / -2.65	lot 33 con 1 ON	WWIS

Well ID:	3708038	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/20/1992
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:	120274	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708038.pdf

Bore Hole Information

Bore Hole ID:	10236528	**Elevation:**	95.059745
DP2BR:	2	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365524.2
Code OB Desc:	Bedrock	**North83:**	4898653
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/1/1992	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931732133
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931732134
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 107
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931732135
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 107
Formation End Depth: 110
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933158810
Layer: 1
Plug From: 5
Plug To: 22
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963708038
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10785098
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930400508
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993708038
Pump Set At:
Static Level: 47
Final Level After Pumping: 103
Recommended Pump Depth: 109
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935013224
Test Type:
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934752288
Test Type:
Test Duration: 45
Test Level: 96
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934492702
Test Type:
Test Duration: 30
Test Level: 90
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934224766
Test Type:
Test Duration: 15
Test Level: 79
Test Level UOM: ft

Water Details

Water ID: 933704260
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	107
Water Found Depth UOM:	ft

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Well ID:	3708514	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/9/1995
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3202
Casing Material:		**Form Version:**	1
Audit No:	164517	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3708514.pdf

Bore Hole Information

Bore Hole ID:	10237003	**Elevation:**	95.059745
DP2BR:	11	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	365524.2
Code OB Desc:	Bedrock	**North83:**	4898653
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/29/1995	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931733648
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11

Formation End Depth:	13
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733649
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	13
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733647
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733650
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733651
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	15

Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42
Formation End Depth:	70
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159269
Layer:	1
Plug From:	3
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	963708514
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10785573
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930401144
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	993708514
Pump Set At:	
Static Level:	14
Final Level After Pumping:	62
Recommended Pump Depth:	68
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935014360
Test Type:
Test Duration: 60
Test Level: 55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934494296
Test Type:
Test Duration: 30
Test Level: 47
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934226503
Test Type:
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744645
Test Type:
Test Duration: 45
Test Level: 52
Test Level UOM: ft

Water Details

Water ID: 933704818
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Water Details

Water ID: 933704819
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 56
Water Found Depth UOM: ft

95	*1 of 1*	*N/224.4*	*96.8 / -1.83*	***Brendar Environmental Inc*** ***106 William Henderson Drive Lot 4, Part of Lot 34*** ***Bath ON K0H 1G0***	***GEN***

Generator No: ON5550147
Status: Registered
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Choice of Contact:

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code:
SIC Description:

Detail(s)

Waste Class: 242 A
Waste Class Desc: Halogenated pesticides and herbicides

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

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

Waste Class: 122 L
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

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

Waste Class: 281 I
Waste Class Desc: Non-halogenated rich organics

Waste Class: 331 R
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 113 L
Waste Class Desc: Acid solutions - containing other metals and non-metals

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 150 L
Waste Class Desc: Inert organic wastes

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 112 C

Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 282 L
Waste Class Desc: Non-halogenated lead organics

Waste Class: 146 R
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 263 L
Waste Class Desc: Misc. waste organic chemicals

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96 | **1 of 1** | **NE/227.0** | **99.8 / 1.12** | **2024162 Ontario Ltd.** | **EBR**

ON

EBR Registry No: 019-0289
Ministry Ref No: 9945-BDGPFN
Notice Type: Instrument
Notice Stage: Decision
Notice Date:
Proposal Date: July 10, 2019
Year: 2019
Decision Posted: January 23, 2020
Exception Posted:
Section: Part II.1 (20.3 or 20.5)
Act 1: Ontario Water Resources Act, R.S.O. 1990
Act 2: Environmental Protection Act
Site Location Map: 44.227905233997,-76.671679979198

Instrument Type: Environmental Compliance Approval (sewage)
Off Instrument Name: Environmental Compliance Approval (sewage) (OWRA s.53)
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address:
Location Other:
Proponent Name: 2024162 Ontario Ltd.
Proponent Address: 156 Duff Street
Kingston,
ON
K7L 4W5
Canada
Comment Period: July 10, 2019 - August 24, 2019 (45 days) Closed
URL: https://ero.ontario.ca/notice/019-0289

Site Location Details:

Lots 35, 36 and 37, Concession 1
Township of Loyalist

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97 | **1 of 1** | **E/227.8** | **97.2 / -1.51** | **Leighton Lands Ltd.** | **ECA**

Loyalist ON K7P 2N6

Approval No: 5791-AMTNYQ
Approval Date: 2017-06-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Cataraqui
MOE District: Kingston
City:
Longitude: -76.6656
Latitude: 44.218900000000005
Geometry X:
Geometry Y:

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2459-ALJRQ5-14.pdf

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
98	1 of 1	NNE/234.7	93.8 / -4.86	lot 35 con 1 ON	WWIS

Well ID:	3704985	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/17/1977
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1519
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	LENNOX ADDINGTON
Elevation (m):		**Municipality:**	ERNESTOWN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/370\3704985.pdf

Bore Hole Information

Bore Hole ID:	10233485	**Elevation:**	93.342353
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	366310.2
Code OB Desc:	Bedrock	**North83:**	4898782
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/18/1977	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931722884
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931722885
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 100
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963704985
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10782055
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930396077
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930396076
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993704985
Pump Set At:
Static Level: 15
Final Level After Pumping: 100
Recommended Pump Depth: 95
Pumping Rate: 2

Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934492509
Test Type: Draw Down
Test Duration: 30
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934216003
Test Type: Draw Down
Test Duration: 15
Test Level: 75
Test Level UOM: ft

Water Details

Water ID: 933700667
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 50
Water Found Depth UOM: ft

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99 | ***1 of 1*** | ***ESE/244.6*** | ***86.0 / -12.65*** | ***201 and 203 MacDougall Drive, Amherstview ON*** | ***PINC***

Incident ID:
Incident No: 889028
Incident Reported Dt:
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Customer Acct Name:
Incident Address:
Tank Status: RC Established
Task No: 4058404
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2012/10/09
Operation Type:
Pipeline Type:
Regulator Type:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail
Summary: 201 and 203 MacDougall Drive, Amherstview - Pipeline Hit
Reported By: Oscar Warren - TSSA
Affiliation:
Occurrence Desc:
Damage Reason: No notification made to the one call center
Notes:

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

Unplottable Summary

Total: 50 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 34 Con 1	Ernestown ON	
CA	ERNESTOWN TOWNSHIP	AMHERST DRIVE TO WPCP	ERNESTOWN TWP. ON	
CA	ERNESTOWN TOWNSHIP	TAYLOR KIDD BLVD.,PT.LOT 35/C1	ERNESTOWN TWP. ON	
CA	LOYALIST TOWNSHIP	LOTS 31&34, ERNESTOWN TWP.	LOYALIST TWP. ON	
CA	Loyalist Farms Limited	Part of Lots 35 & 36, Broken Front Concession and Concession 1	Loyalist ON	
CA	Loyalist Farms Limited	Watermain, Stom/Sanitary : Blakely St., Hogan Cres., Pratt Dr., Simurda Crt.	Loyalist ON	
CA	The Corporation of Loyalist Township	Amherst Drive	Loyalist ON	
CA	Loyalist Farms Limited	Part of Lots 35 & 36, Broken Front Concession and Concession 1	Loyalist ON	
CA	Loyalist Farms Limited	Part of Lots 35 & 36, Broken Front Concession and Concession 1	Loyalist ON	
CA	The Corporation of the Township of Loyalist	County Road 23	Loyalist ON	
CA	2024162 Ontario Ltd.		Loyalist ON	
CA	Loyalist Farms Limited	Amherst Drive and Block "F"	Loyalist ON	
CA	ERNESTOWN TWP.	AMHERST DR.	ERNESTOWN TWP. ON	
CA	R.G. BLOMMESTYN DEV. CORP.-PT.LOT 42	AMHERST DRIVE, CONC. 1	ERNESTOWN TWP. ON	
CONV	ASHWARREN INTERNATIONAL INC.		ON	
EBR	Leighton Lands Ltd.	Parts of Lots 35, 36, 37, Concession: 1	LOYALIST ON	
EBR	KoSa Canada	Lot 30 - 34, Concession 1 LOYALIST TOWNSHIP	ON	

ECA	The Corporation of the Township of Loyalist	County Road 23	Loyalist ON	K0H 2H0
ECA	The Corporation of Loyalist Township	Amherst Dr	Loyalist ON	K0H 2H0
ECA	2024162 Ontario Ltd.		Loyalist ON	K7L 4W5
ECA	Loyalist Farms Limited	Amherst Dr and Block "F"	Loyalist ON	K7N 1W6
ECA	Leighton Lands Ltd.	Dr. Richard James Crescent and Pearce Street	Loyalist ON	K7P 2N6
ECA	Leighton Lands Ltd.	Dr. Richard James Dr Pearce Street, Hazlett Drive, Pratt Drive	Loyalist ON	K7P 2N6
ECA	Leighton Lands Ltd.		Loyalist ON	K7P 2N6
ECA	Leighton Lands Ltd.	Champagne Cres	Loyalist ON	K7P 2N6
FST	MILLHAVEN INSTITUTION WARDEN	HWY 33 MILLHAVEN BATH ON CA HWY 33 MILLHAVEN BATH ON CA	ON	
GEN	ONTARIO HYDRO	LENNOX TGS, SWITCHYARD HWY. #33 - BATH	SOUTH FREDRICKSBURGH ON	K0H 1G0
HINC		COUNTY ROAD 6	ODESSA ON	
NCPL	The Corporation of the Township of Loyalist	County Road 23	Loyalist ON	
NCPL	The Corporation of Loyalist Township - Amherstview	Taylor Kidd Blvd.	Loyalist ON	
NCPL	The Corporation of Loyalist Township - Amherstview WPCP	County Road 23	Loyalist ON	
NCPL	The Corporation of Loyalist Township - Amherstview WPCP	County Road 23	Loyalist ON	
PRT	MR GAS LIMITED ATTN LILIANNE LEVAC	WILTON RD	ODESSA ON	
PTTW	Leighton Lands Ltd.	Property of Leighton Lands Ltd. Parts of Lots 35, 36, 37, Concession: 1, Amherst Drive, ERNESTOWN, Loyalist Township, County of Lennox and Addington	LOYALIST TOWNSHIP ON	
SPL		Bath Road, Amherstview	Loyalist ON	
SPL	The Corporation of the Township of Loyalist	county road 6	Loyalist ON	
SPL	CONSTRUCTION COMPANY	HWY 33 MOTOR VEHICLE (OPERATING FLUID)	LOYALIST TOWNSHIP ON	
SPL	TRIHEAT SERVICES	CTY.RD. 6 AND WILTON ROAD TANK TRUCK (CARGO)	LOYALIST TOWNSHIP ON	

SPL	The Corporation of the Town of Amherstburg	County Road 23	Loyalist ON	NA
SPL		Highway 33, Box 160	Loyalist ON	
SPL		Highway 33, Box 160	Loyalist ON	
SPL	Morven Construction<UNOFFICIAL>	Taylor Kidd Blvd., County Road 23	Loyalist ON	K7M 6R2
SPL	The Corporation of the Township of Loyalist	From the 401 to Taylor Kidd Blvd	Loyalist ON	
SPL	The Corporation of the Township of Loyalist	County Rd. 6 to Amhurst Dr. to Fairfield to Loyalist	Loyalist ON	
SPL	PRIVATE RESIDENT	CTY ROAD 6 ###USE SITE 378 (PRIVATE RESIDENCE)###	LOYALIST TOWNSHIP ON	
SPL		highway 33	Loyalist ON	
WDS	Brendar Environmental Inc.		Loyalist ON	K7P 2L1
WWIS		COUNTY ROAD 6 lot 35 con 1	ON	
WWIS		lot 30	ON	
WWIS		COUNTY ROAD 6 lot 35 con 1	ON	

Unplottable Report

Site:
Lot 34 Con 1 Ernestown ON

Database: ***AAGR***

Type:	Quarry
Region/County:	Lennox & Addington
Township:	Ernestown
Concession:	1
Lot:	34
Size (ha):	
Landuse:	
Comments:	

Site: ***ERNESTOWN TOWNSHIP***
AMHERST DRIVE TO WPCP ERNESTOWN TWP. ON

Database: ***CA***

Certificate #:	7-0526-96-
Application Year:	96
Issue Date:	7/18/1996
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ERNESTOWN TOWNSHIP***
TAYLOR KIDD BLVD.,PT.LOT 35/C1 ERNESTOWN TWP. ON

Database: ***CA***

Certificate #:	8-4189-96-
Application Year:	96
Issue Date:	9/17/1996
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	STANDBY POWER FOR AMHERSTVIEW PUMP STA.
Contaminants:	Nitrogen Oxides
Emission Control:	

Site: ***LOYALIST TOWNSHIP***
LOTS 31&34, ERNESTOWN TWP. LOYALIST TWP. ON

Database: ***CA***

Certificate #:	7-0058-99-
Application Year:	99
Issue Date:	3/5/1999
Approval Type:	Municipal water
Status:	Approved
Application Type:	

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

Site: ***Loyalist Farms Limited***
Part of Lots 35 & 36, Broken Front Concession and Concession 1 Loyalist ON

Database: ***CA***

Certificate #: 0750-6HCNH9
Application Year: 2005
Issue Date: 10/21/2005
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: ***Loyalist Farms Limited***
Watermain, Stom/Sanitary : Blakely St., Hogan Cres., Pratt Dr., Simurda Crt. Loyalist ON

Database: ***CA***

Certificate #: 0054-89YPVR
Application Year: 2010
Issue Date: 10/8/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of Loyalist Township***
Amherst Drive Loyalist ON

Database: ***CA***

Certificate #: 0210-6HCJGC
Application Year: 2005
Issue Date: 10/20/2005
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: ***Loyalist Farms Limited***
Part of Lots 35 & 36, Broken Front Concession and Concession 1 Loyalist ON

Database: ***CA***

Certificate #: 3385-6HJRT9
Application Year: 2005
Issue Date: 10/28/2005
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: ***Loyalist Farms Limited***
Part of Lots 35 & 36, Broken Front Concession and Concession 1 Loyalist ON

Database: ***CA***

Certificate #: 4179-6GWK9S
Application Year: 2005
Issue Date: 10/14/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the Township of Loyalist***
County Road 23 Loyalist ON

Database: ***CA***

Certificate #: 4210-7F3TMW
Application Year: 2008
Issue Date: 6/5/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***2024162 Ontario Ltd.***
Loyalist ON

Database: ***CA***

Certificate #: 5711-84NJQ5
Application Year: 2010
Issue Date: 5/4/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Loyalist Farms Limited***
Amherst Drive and Block "F" Loyalist ON

Database: ***CA***

Certificate #: 7850-6D4PXN
Application Year: 2005
Issue Date: 6/13/2005
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: ***ERNESTOWN TWP.***
AMHERST DR. ERNESTOWN TWP. ON

Database: ***CA***

Certificate #: 7-1020-90-
Application Year: 90
Issue Date: 3/5/1991
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.G. BLOMMESTYN DEV. CORP.-PT.LOT 42***
AMHERST DRIVE, CONC. 1 ERNESTOWN TWP. ON

Database: ***CA***

Certificate #: 3-0935-92-
Application Year: 92
Issue Date: 11/9/1992
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ASHWARREN INTERNATIONAL INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 00-0093-0440
Court Location:
Publication City:
Publication Title:
Act:
Act(s):

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: DISCHARGE HEAVY FUELS CONTAINING POLY AROMATIC HYDROCARBONS INTO A DITCH LEADING TO LAKE ONTARIO AND THE NATURAL ENVIRONMENT.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 30(1)
Act/Regulation/Section: OWRA 30(1)
Date of Offence:
Date of Conviction:
Date Charged: 4/16/2003
Charge Disposition: FINED
Fine: $25,000.00
Synopsis:

Site: ***Leighton Lands Ltd.***
Parts of Lots 35, 36, 37, Concession: 1 LOYALIST ON

Database: ***EBR***

EBR Registry No: 012-0008
Ministry Ref No: 0307-9B9HSA
Notice Type: Instrument Decision
Notice Stage:
Notice Date:
Proposal Date: September 11, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to take water
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: 817 Blackburn Mews, Kingston Ontario, Canada K7P2N6
Comment Period:
URL:

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

Site Location Details:

Property of Leighton Lands Ltd. Parts of Lots 35, 36, 37, Concession: 1, Amherst Drive, ERNESTOWN, Loyalist Township, County of Lennox and Addington LOYALIST TOWNSHIP

Site: ***KoSa Canada***
Lot 30 - 34, Concession 1 LOYALIST TOWNSHIP ON

Database: ***EBR***

EBR Registry No: IA00E0412
Ministry Ref No: ER-8909
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 16, 2000
Proposal Date: February 29, 2000
Year: 2000
Instrument Type: (OWRA s. 61) - Direction for maintaining sewage works.
Off Instrument Name:
Posted By:
Company Name: KoSa Canada

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

Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 2800, Kingston Ontario, K7L 4Z8
Comment Period:
URL:

Site Location Details:

Lot 30 - 34, Concession 1 LOYALIST TOWNSHIP

Site: ***The Corporation of the Township of Loyalist***
County Road 23 Loyalist ON K0H 2H0

Database: ***ECA***

Approval No: 4210-7F3TMW
Approval Date: 2008-06-05
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: County Road 23
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5658-7D3PUT-14.pdf

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Site: ***The Corporation of Loyalist Township***
Amherst Dr Loyalist ON K0H 2H0

Database: ***ECA***

Approval No: 0210-6HCJGC
Approval Date: 2005-10-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Amherst Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8001-6F5KDA-14.pdf

---

Site: ***2024162 Ontario Ltd.***
Loyalist ON K7L 4W5

Database: ***ECA***

Approval No: 0254-BJPKKX
Approval Date: 2020-01-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9945-BDGPFN-14.pdf

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Site: ***Loyalist Farms Limited***
Amherst Dr and Block "F" Loyalist ON K7N 1W6

Database: ***ECA***

Approval No: 7850-6D4PXN
Approval Date: 2005-06-13
MOE District:
City:

Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Amherst Dr and Block "F"		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5227-6BWLBD-14.pdf		

Site: ***Leighton Lands Ltd.***
Dr. Richard James Crescent and Pearce Street Loyalist ON K7P 2N6

Database: ***ECA***

Approval No:	5488-ASJL9V	***MOE District:***	
Approval Date:	2017-11-03	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dr. Richard James Crescent and Pearce Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2381-ARSMJE-14.pdf		

Site: ***Leighton Lands Ltd.***
Dr. Richard James Dr Pearce Street, Hazlett Drive, Pratt Drive Loyalist ON K7P 2N6

Database: ***ECA***

Approval No:	8522-9R8QAQ	***MOE District:***	
Approval Date:	2014-11-28	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dr. Richard James Dr Pearce Street, Hazlett Drive, Pratt Drive		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8138-9M8R8T-14.pdf		

Site: ***Leighton Lands Ltd.***
Loyalist ON K7P 2N6

Database: ***ECA***

Approval No:	7036-966PKC	***MOE District:***	
Approval Date:	2013-04-05	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6257-94HRLC-14.pdf		

Site: ***Leighton Lands Ltd.***
Champagne Cres Loyalist ON K7P 2N6

Database: ***ECA***

Approval No:	6505-8UKRWQ	***MOE District:***	
Approval Date:	2012-06-18	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Champagne Cres		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5577-8SMT8Z-14.pdf		

Site: ***MILLHAVEN INSTITUTION WARDEN***
HWY 33 MILLHAVEN BATH ON CA HWY 33 MILLHAVEN BATH ON CA ON

Database: ***FST***

Instance No:	10560611	***Manufacturer:***	NULL
Status:	Active	***Serial No:***	NULL
Cont Name:		***Ulc Standard:***	NULL
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	1
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	EA
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Diesel
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	11/27/1990	***Fuel Type3:***	NULL
Install Year:	1990	***Piping Steel:***	
Years in Service:	20.4	***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	5000	***Num Underground:***	
Tank Material:	Fiberglass (FRP)	***Panam Related:***	NULL
Corrosion Protect:	Fiberglass	***Panam Venue:***	NULL
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve		
Facility Location:	HWY 33 MILLHAVEN BATH ON CA		
Device Installed Location:	HWY 33 MILLHAVEN BATH ON CA		

Fuel Storage Tank Details

Owner Account Name: MILLHAVEN INSTITUTION WARDEN

Liquid Fuel Tank Details

Overfill Protection:	NULL
Owner Account Name:	MILLHAVEN INSTITUTION WARDEN

Site: ***ONTARIO HYDRO***
LENNOX TGS, SWITCHYARD HWY. #33 - BATH SOUTH FREDRICKSBURGH ON K0H 1G0

Database: ***GEN***

Generator No:	ON0490300	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	4911		
SIC Description:	ELECT. POWER SYS.		

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213

Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

Site: ***Database:***
COUNTY ROAD 6 ODESSA ON ***HINC***

External File Num:	FS INC 0901-00090
Fuel Occurrence Type:	
Date of Occurrence:	
Fuel Type Involved:	
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	
Service Interruptions:	
Property Damage:	
Fuel Life Cycle Stage:	
Root Cause:	
Reported Details:	Mr. Gas Service Station. Non-mandated. FS Inspector Dave Lang indicates that he has visited the stat
Fuel Category:	Unknown
Occurrence Type:	Near-miss
Affiliation:	Member of the General Public
County Name:	Lennox and Addington
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

Site: ***The Corporation of the Township of Loyalist*** ***Database:***
County Road 23 Loyalist ON ***NCPL***

Year:	2017
Site Name:	Amherstview WPCP
Facility Owner:	The Corporation of the Township of Loyalist
Discharge Type:	Municipal Private Sewage
Sector:	Municipal Sewage
District Area:	Kingston
Type of Concern:	Approval/Permit Non-Compliance
Contaminant:	PH - HIGH
Status Report:	

Details

Incident Date:	
Exceedance Start Date:	2017/04/25
Exceedance End Date:	2017/09/18
Limit/Unit/Freq:	9.5pH / any
Quantity Min/Max:	9.51/10.61
Facility Action:	Action Plan Submitted - Implementing Improvements; New/Amended Approval
Ministry Action:	Voluntary Abatement Program Underway

Site: ***The Corporation of Loyalist Township - Amherstview*** ***Database:***
Taylor Kidd Blvd. Loyalist ON ***NCPL***

Year:	2003
Site Name:	
Facility Owner:	
Discharge Type:	Mun. Private Sewage
Sector:	Sewage Municipal
District Area:	Kingston
Type of Concern:	C of A Non-Compliance
Contaminant:	High pH Effluent
Status Report:	

Details

Incident Date:	5/6/2003
Exceedance Start Date:	
Exceedance End Date:	
Limit/Unit/Freq:	9.5 pH any
Quantity Min/Max:	9.6/
Facility Action:	Conducting study
Ministry Action:	Voluntary Abatement Program Underway

Site: ***The Corporation of Loyalist Township - Amherstview WPCP***
County Road 23 Loyalist ON

Database: ***NCPL***

Year:	2016
Site Name:	
Facility Owner:	The Corporation of Loyalist Township - Amherstview WPCP
Discharge Type:	Municipal Private Sewage
Sector:	Municipal Sewage
District Area:	Kingston
Type of Concern:	Approval/Permit Non-Compliance
Contaminant:	ESCHERICHIA COLI
Status Report:	

Details

Incident Date:	
Exceedance Start Date:	7/1/2016
Exceedance End Date:	7/31/2016
Limit/Unit/Freq:	200CT/100mL / mon avg. on a geo. mean density
Quantity Min/Max:	577/577
Facility Action:	None Required
Ministry Action:	Voluntary Abatement Program Underway

Site: ***The Corporation of Loyalist Township - Amherstview WPCP***
County Road 23 Loyalist ON

Database: ***NCPL***

Year:	2016
Site Name:	
Facility Owner:	The Corporation of Loyalist Township - Amherstview WPCP
Discharge Type:	Municipal Private Sewage
Sector:	Municipal Sewage
District Area:	Kingston
Type of Concern:	Approval/Permit Non-Compliance
Contaminant:	PH - HIGH
Status Report:	

Details

Incident Date:	
Exceedance Start Date:	3/21/2016
Exceedance End Date:	11/18/2016
Limit/Unit/Freq:	9.5pH / any
Quantity Min/Max:	9.52/10.91
Facility Action:	Action Plan Submitted - Implementing Improvements; New/Amended Approval
Ministry Action:	Voluntary Abatement Program Underway

Site: ***MR GAS LIMITED ATTN LILIANNE LEVAC***
WILTON RD ODESSA ON

Database: ***PRT***

Location ID:	10474
Type:	retail
Expiry Date:	1996-01-31
Capacity (L):	49900

Licence #: 0054082001

Site: ***Leighton Lands Ltd.***
Property of Leighton Lands Ltd. Parts of Lots 35, 36, 37, Concession: 1, Amherst Drive, ERNESTOWN, Loyalist Township, County of Lennox and Addington LOYALIST TOWNSHIP ON

Database: ***PTTW***

EBR Registry No:	012-0008	***Decision Posted:***	
Ministry Ref No:	0307-9B9HSA	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	November 27, 2013	***Act 2:***	
Proposal Date:	September 11, 2013	***Site Location Map:***	
Year:	2013		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Leighton Lands Ltd.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	817 Blackburn Mews, Kingston Ontario, Canada K7P2N6		
Comment Period:			
URL:			

Site Location Details:

Property of Leighton Lands Ltd. Parts of Lots 35, 36, 37, Concession: 1, Amherst Drive, ERNESTOWN, Loyalist Township, County of Lennox and Addington LOYALIST TOWNSHIP

Site:
Bath Road, Amherstview Loyalist ON

Database: ***SPL***

Ref No:	8016-AB4UKH	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2016/06/20	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	43	***Nearest Watercourse:***	Lake Ontario
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	***Site Address:***	Bath Road, Amherstview
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Loyalist
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Surface Water; Source Water Zone	***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2016/06/20	***Site Map Datum:***	
Dt Document Closed:	2016/08/19	***SAC Action Class:***	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	Across road from Loyalist Flower Shop<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Sedimented water being pumped to storm sewer, Amherstview.		
Contaminant Qty:	1 %		

Site: ***The Corporation of the Township of Loyalist***
county road 6 Loyalist ON

Database: ***SPL***

Ref No:	2717-9R8SJT	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/11/26	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown / N/A	***Sector Type:***	Unknown / N/A
Incident Event:		***Agency Involved:***	
Contaminant Code:	99	***Nearest Watercourse:***	
Contaminant Name:	WATER	***Site Address:***	county road 6
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Loyalist
Nature of Impact:	Land	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	N	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/11/26	***Site Map Datum:***	
Dt Document Closed:	2015/01/15	***SAC Action Class:***	Land Spills
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	spill<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Oil staining on ground		
Contaminant Qty:	0 other - see incident description		

Site: ***CONSTRUCTION COMPANY***
HWY 33 MOTOR VEHICLE (OPERATING FLUID) LOYALIST TOWNSHIP ON

Database: ***SPL***

Ref No:	51038	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/22/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	57612
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/23/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	RT GRILLS CONSTRUCTION- 2L HYDRAULIC OIL TO GRAVELFROM BROKEN HOSE ON CRANE		
Contaminant Qty:			

Site: ***TRIHEAT SERVICES***
CTY.RD. 6 AND WILTON ROAD TANK TRUCK (CARGO) LOYALIST TOWNSHIP ON

Database: ***SPL***

Ref No:	47488	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/11/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	

Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	57612
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/11/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OVERSTRESS/OVERPRESSURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRIHEAT TANK TRUCK-45 L FURNACE OIL TO GROUND.		
Contaminant Qty:			

Site: ***The Corporation of the Town of Amherstburg***
County Road 23 Loyalist ON NA

Database: ***SPL***

Ref No:	3438-AG75RK	***Discharger Report:***	
Site No:	4476-5RURL5	***Material Group:***	
Incident Dt:	2016/11/29	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Municipal Sewage
Incident Event:	Process Upset/Malfunction	***Agency Involved:***	
Contaminant Code:	44	***Nearest Watercourse:***	
Contaminant Name:	SEWAGE SLUDGE	***Site Address:***	County Road 23
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	NA
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Loyalist
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land; Source Water Zone	***Northing:***	4899124
MOE Response:	No	***Easting:***	367350
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	NA
MOE Reported Dt:	2016/11/29	***Site Map Datum:***	NA
Dt Document Closed:		***SAC Action Class:***	Sewage Bypasses / Overflows
Incident Reason:	Maintenance	***Source Type:***	
Site Name:	Amherstview WPCP		
Site County/District:			
Site Geo Ref Meth:	NA		
Incident Summary:	Amherstview WPCP: sludge/foam from A-tank to roof/ground.		
Contaminant Qty:	100 L		

Site:
Highway 33, Box 160 Loyalist ON

Database: ***SPL***

Ref No:	1764-5Q2FGK	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	8/1/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Other Plant
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Kingston
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Possible	***Site Municipality:***	Loyalist
Nature of Impact:	Multi-Media Pollution	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	4892300
MOE Response:		***Easting:***	355800

Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/2/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	LAFARGE CANADA INC, BATH CEMENT PLANT		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Lafarge Bath plant oil spill		
Contaminant Qty:	273 L		

Site: ***Database:*** ***SPL***

Highway 33, Box 160 Loyalist ON

Ref No:	3577-5PV46X	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	7/27/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Kingston
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Possible	***Site Municipality:***	Loyalist
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	4892300
MOE Response:		***Easting:***	355800
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/27/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:	LAFARGE CANADA INC, BATH CEMENT PLANT		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Lafarge- 200 gallons diesel to gravel. cleaning		
Contaminant Qty:	910 L		

Site: ***Morven Construction<UNOFFICIAL>*** ***Database:*** ***SPL***

Taylor Kidd Blvd., County Road 23 Loyalist ON K7M 6R2

Ref No:	5664-7H9Q4P	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	99	***Nearest Watercourse:***	
Contaminant Name:	SILT	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Kingston - District
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Loyalist
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	NA
MOE Response:	Planned Field Response	***Easting:***	NA
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/6/2008	***Site Map Datum:***	
Dt Document Closed:	8/8/2008	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Weather	***Source Type:***	
Site Name:	Bombardier Transportation		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Morven Construction: Silt to L. Ontario		

Contaminant Qty: 0 other - see incident description

Site: ***The Corporation of the Township of Loyalist***
From the 401 to Taylor Kidd Blvd Loyalist ON

Database: ***SPL***

Ref No:	3185-7L4LRC	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Kingston - District
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Loyalist
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/5/2008	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Spill	***Source Type:***	

Site Name: Diesel Fuel On the Road<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loyalist Twp: Unkn Qty Diesel to Road
Contaminant Qty: 0 other - see incident description

Site: ***The Corporation of the Township of Loyalist***
County Rd. 6 to Amhurst Dr. to Fairfield to Loyalist Loyalist ON

Database: ***SPL***

Ref No:	4600-7RCLGU	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	PAINT (OIL-BASED)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Loyalist
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/22/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Unknown - Reason not determined	***Source Type:***	

Site Name: roadway<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loyalist Twp: paint trail along mtpl rds. Loyalist Twp.
Contaminant Qty: 0 other - see incident description

Site: ***PRIVATE RESIDENT***
CTY ROAD 6 ###USE SITE 378 (PRIVATE RESIDENCE)### LOYALIST TOWNSHIP ON

Database: ***SPL***

Ref No:	98081	***Discharger Report:***	

Site No:		***Material Group:***	
Incident Dt:	3/23/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	57612
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/23/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	INTENTIONAL/PLANNED	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BACKENTRY-RESIDENT FOUND OIL SPILL UNDER SNOW AT NEWLY PURCHASED HOME		
Contaminant Qty:			

Site: ***Database:*** ***SPL***

highway 33 Loyalist ON

Ref No:	6176-ABQKLQ	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2016/07/10	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Communal
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	42	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE/WATER MIXTURE	***Site Address:***	highway 33
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Loyalist
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land; Surface Water	***Northing:***	4893840
MOE Response:	No	***Easting:***	358433
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2016/07/10	***Site Map Datum:***	
Dt Document Closed:	2016/09/02	***SAC Action Class:***	Great Lakes and their Interconnecting Channels Spills
Incident Reason:	Other	***Source Type:***	
Site Name:	Finkle Shores Park<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Spill PIR: Loyalist - Oil/Gas to Grd/L.Ontario.		
Contaminant Qty:	1 L		

Site: ***Brendar Environmental Inc.*** ***Database:*** ***WDS***

Loyalist ON K7P 2L1

Approval No:	3185-BE8NEM	***Total Area (ha):***	
Mob Unit Cert No:		***Landfill Cap (m³):***	
EBR Registry No:		***Transfer Area (ha):***	
Status:	Approved	***Transfer Cap (m³):***	
Facility Type:		***Transfer Cert No:***	
Record Type:	ECA	***Inciner. Area (ha):***	
Link Source:	IDS	***Inciner. Cap (t):***	
Project Type:	WASTE DISPOSAL SITES	***Process Area (m³):***	

Application Status:		***Process Cap (m³/d):***	
Issue Date:	2019-10-10	***Process Vol (m³):***	
Input Date:		***Process Feed (m³):***	
Date Received:		***Site Concession:***	
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:		***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	
Prop City:		***Latitude:***	
Prop Postal:		***Longitude:***	
Prop Phone:		***Geometry X:***	-8567244.8594
Serial Link:		***Geometry Y:***	5476378.077399999
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:			
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/3745-B8NSXB-14.pdf		

Site:

COUNTY ROAD 6 lot 35 con 1 ON

Database: ***WWIS***

Well ID:	3710102	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	11/25/2005
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6881
Casing Material:		***Form Version:***	3
Audit No:	Z38293	***Owner:***	
Tag:	A029963	***Street Name:***	COUNTY ROAD 6
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	37000
Elevation Reliability:		***Site Info:***	29R 465 LOT A
Depth to Bedrock:		***Lot:***	035
Well Depth:		***Concession:***	01
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:	11321299	***Elevation:***	
DP2BR:	1	***Elevrc:***	
Spatial Status:		***Zone:***	
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	
Date Completed:	9/20/2005	***UTMRC Desc:***	

Remarks: ***Location Method:*** na
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 933014170
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: .3
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933014171
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: .3
Formation End Depth: 6
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933281860
Layer: 1
Plug From: 0
Plug To: 2.5
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 963710102
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 11336154
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930863363
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	6
Casing Diameter:	91
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	11349022
Pump Set At:	6
Static Level:	2.2
Final Level After Pumping:	3.5
Recommended Pump Depth:	6
Pumping Rate:	585
Flowing Rate:	
Recommended Pump Rate:	90
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	11497605
Test Type:	Draw Down
Test Duration:	60
Test Level:	3.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497609
Test Type:	Draw Down
Test Duration:	30
Test Level:	2.9
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497610
Test Type:	Recovery
Test Duration:	30
Test Level:	3.35
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497608
Test Type:	Recovery
Test Duration:	15
Test Level:	3.4
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497607
Test Type:	Draw Down
Test Duration:	50
Test Level:	3.3
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497604
Test Type:	Recovery
Test Duration:	60
Test Level:	3.3
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497606
Test Type:	Recovery
Test Duration:	50
Test Level:	3.32
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11497611
Test Type:	Draw Down
Test Duration:	15
Test Level:	2.6
Test Level UOM:	m

Water Details

Water ID:	934068059
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	4
Water Found Depth UOM:	m

Site:
lot 30 ON

Database:
WWIS

Well ID:	3708606	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/26/1996
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3202
Casing Material:		***Form Version:***	1
Audit No:	167962	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	LENNOX ADDINGTON
Elevation (m):		***Municipality:***	ERNESTOWN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	030
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:	10237095	***Elevation:***	
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/5/1996	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931733944
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	107
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931733943
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933159365
Layer:	1
Plug From:	3
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 963708606
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10785665
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930401287
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993708606
Pump Set At:
Static Level: 27
Final Level After Pumping: 85
Recommended Pump Depth: 105
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935014844
Test Type:
Test Duration: 60
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744714
Test Type:
Test Duration: 45
Test Level: 67
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934218767
Test Type:
Test Duration: 15

Test Level: 49
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934494369
Test Type:
Test Duration: 30
Test Level: 63
Test Level UOM: ft

Water Details

Water ID: 933704921
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 102
Water Found Depth UOM: ft

Water Details

Water ID: 933704920
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 64
Water Found Depth UOM: ft

Site:
COUNTY ROAD 6 lot 35 con 1 ON

Database: ***WWIS***

Well ID: 3710105
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z38294
Tag: A029968
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: 11/25/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 6881
Form Version: 3
Owner:
Street Name: COUNTY ROAD 6
County: LENNOX ADDINGTON
Municipality: 37000
Site Info: 29R 465 LOT C
Lot: 035
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11321302
DP2BR: 4
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/16/2005
Remarks:
Elevrc Desc:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

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

Overburden and Bedrock Materials Interval

Formation ID: 933014180
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.2
Formation End Depth: 6.8
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933014179
Layer: 2
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: .3
Formation End Depth: 1.2
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933014178
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: .3
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933281863
Layer: 1
Plug From: 0
Plug To: 2.5
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 963710105
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 11336157
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930863366
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 6.8
Casing Diameter: 91
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11349025
Pump Set At: 6.8
Static Level: 5.6
Final Level After Pumping: 6.6
Recommended Pump Depth: 6.8
Pumping Rate: 585
Flowing Rate:
Recommended Pump Rate: 99
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN: 15
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11497627
Test Type: Recovery
Test Duration: 30
Test Level: 6.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11497625
Test Type: Draw Down
Test Duration: 15
Test Level: 6.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11497628
Test Type: Recovery
Test Duration: 50
Test Level: 6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11497626
Test Type: Recovery
Test Duration: 15
Test Level: 6.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11497629
Test Type: Recovery
Test Duration: 60
Test Level: 5.9
Test Level UOM: m

Water Details

Water ID: 934068062
Layer: 1
Kind Code:
Kind:
Water Found Depth: 4
Water Found Depth UOM: m

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 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Dec 2020

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

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-Jan 31, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

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-Dec 31, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jan 31, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Dec 31, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Dec 31, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jan 31, 2020

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Dec 31, 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

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-Jan 31, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021

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-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Dec 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX

B REGULATORY REQUESTS AND REQUESTED RECORDS

From:	Public Information Services
To:	Johnstone, Gregory
Subject:	RE: Database Search
Date:	March 15, 2021 8:56:49 AM
Attachments:	image002.jpg image003.png image004.png image005.png image006.png image007.png

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Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

Hello. Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of fuel storage tanks at the subject address(es).

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

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

Kind regards,

Connie Hill | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: chill@tssa.org
www.tssa.org

From: Johnstone, Gregory <Greg.Johnstone@wsp.com>
Sent: March 11, 2021 12:46 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Database Search

Hello,

Could you please search your database for the following properties, all located in Amherstview:

- 106 William Henderson Drive
- 4809 Bath Road

19 Bayview Drive

- 113 William Henderson Drive
- 241 County Road 6

Thanks,

Greg Johnstone, EIT
Environmental Consultant
T: 289-984-0431
M: 289-221-3497
126 Don Hillock Drive, Unit 2
Aurora, ON
L4G 0G9

-LAEmHhHzdJzBITWfa4Hgs7pbKI

APPENDIX

C AERIAL PHOTOGRAPHS

Loyalist TOWNSHIP

Figure E-1
1878 County Atlas

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

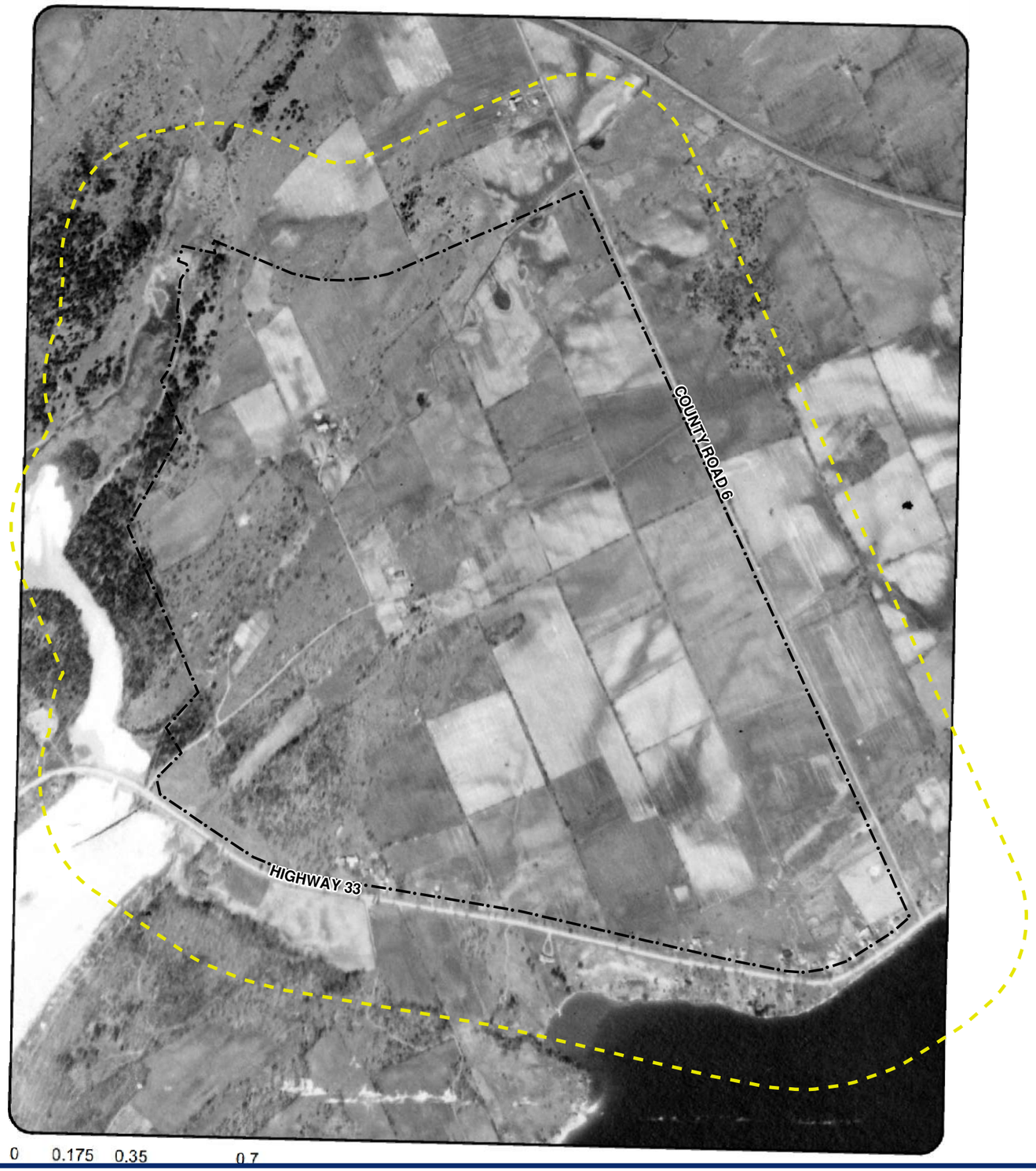
N

0 300 600 900 1,200 m

March 2021

Source: Loyalist Township; COUNTY ATLAS

wsp
2611 Queensview Drive Suite 300
Ottawa, ON K2B 8K2
Canada
www.wsp.com



Loyalist TOWNSHIP

Figure E-2
1954 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; NAPL

2611 Queensview Drive Suite 300
Ottawa, ON K2B 8K2
Canada
www.wsp.com

Loyalist TOWNSHIP

Figure E-3
1966 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; NAPL

wsp
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Ottawa, ON K2B 8K2
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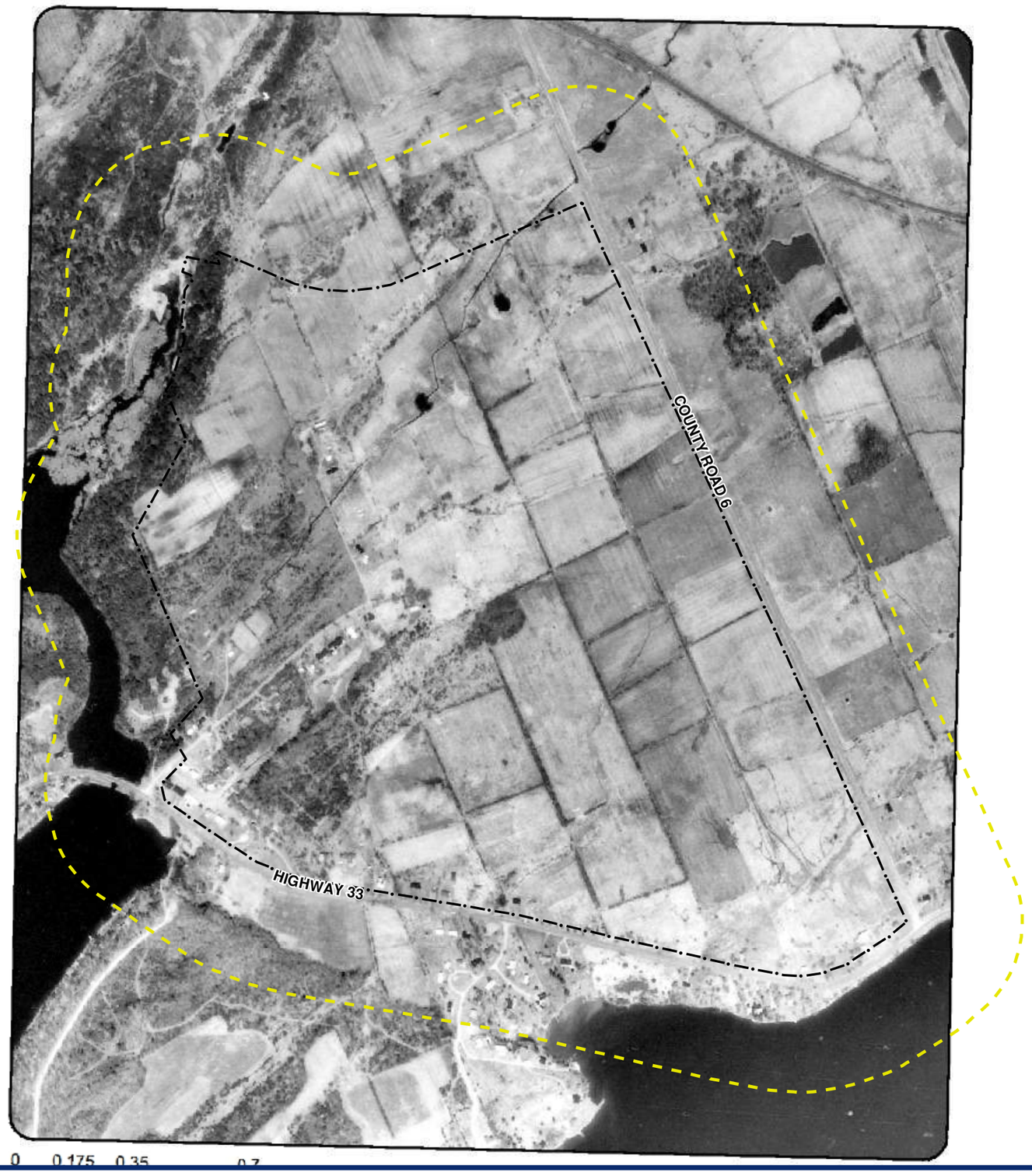

Loyalist TOWNSHIP

Figure E-4
1974 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; NAPL

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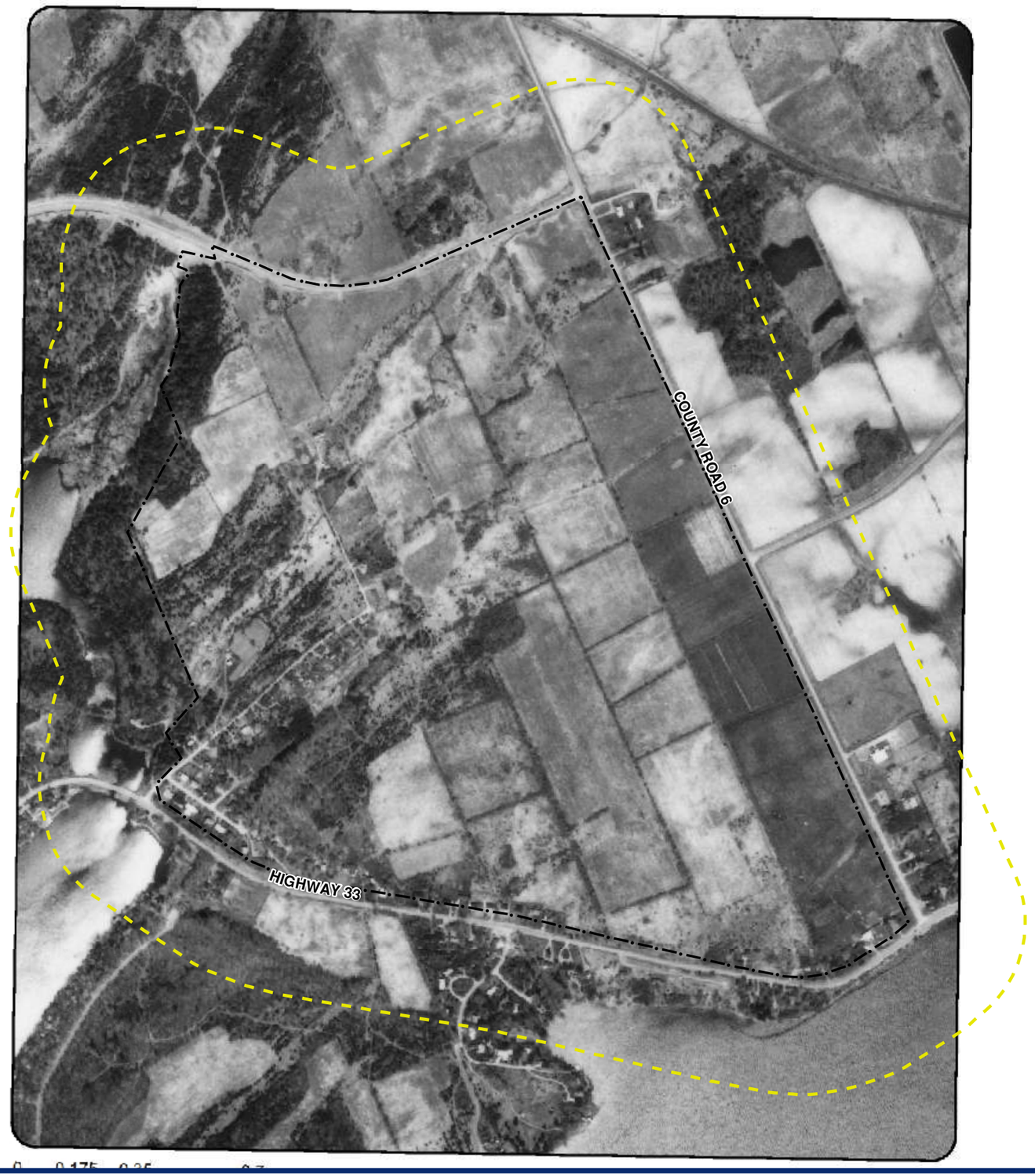

Loyalist TOWNSHIP

Figure E-5
1987 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; NAPL

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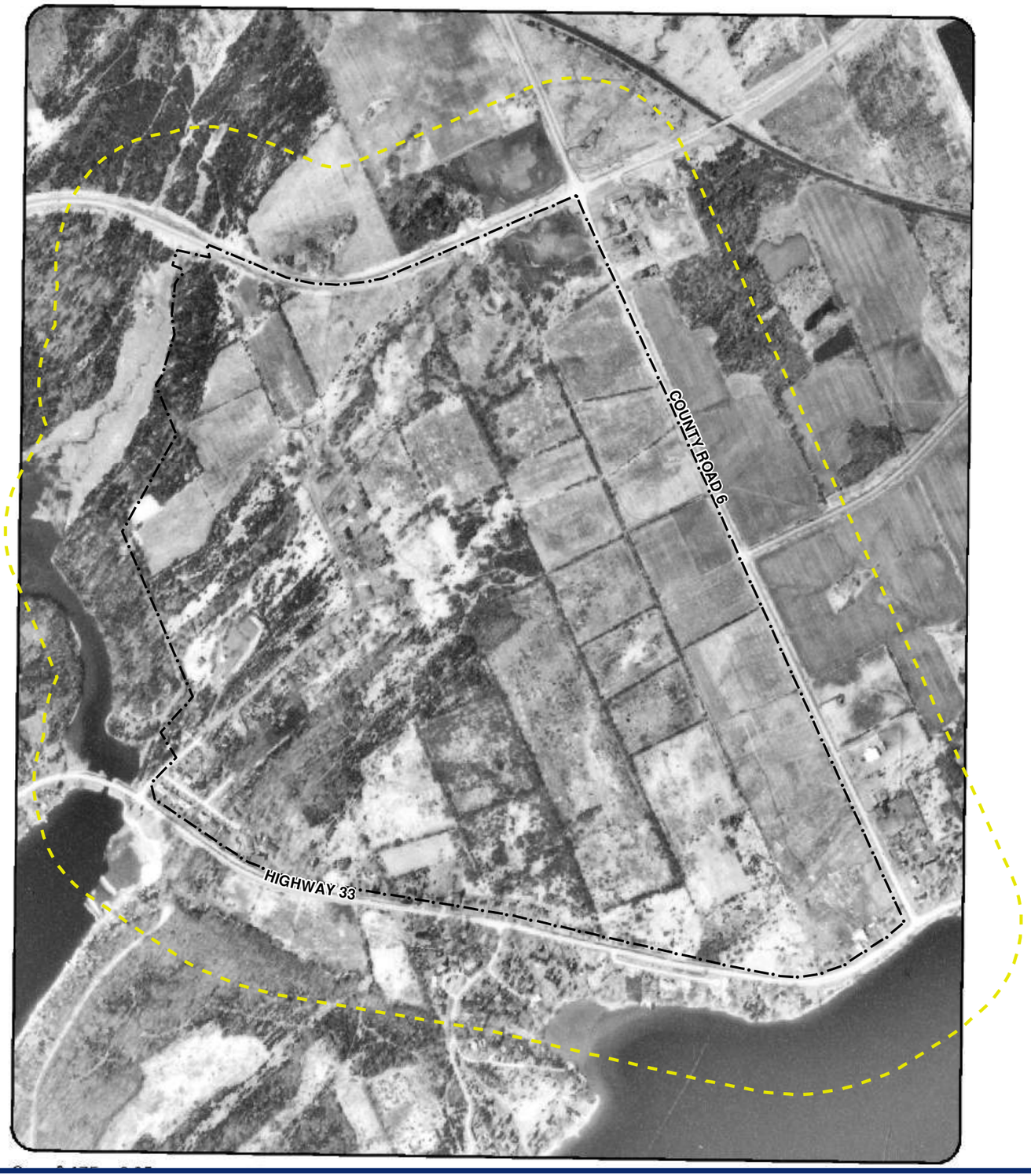
Ottawa, ON K2B 8K2
Canada
www.wsp.com



Loyalist TOWNSHIP

Figure E-6
1995 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; NAPL

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www.wsp.com

Loyalist TOWNSHIP

Figure E-7
2008 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; Lennox & Addington County

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Ottawa, ON K2B 8K2
Canada
www.wsp.com

Loyalist TOWNSHIP

Figure E-8
2014 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

March 2021

Source: Loyalist Township; Lennox & Addington County

wsp
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Ottawa, ON K2B 8K2
Canada
www.wsp.com

Loyalist TOWNSHIP

Figure E-9
2020 Aerial Photograph

Phase One Environmental Site Assessment
Amherstview West Secondary Plan

SITE BOUNDARY

250 m STUDY AREA

N

0 150 300 450 600 m

April 2021

Source: Google

wsp
2611 Queensview Drive Suite 300
Ottawa, ON K2B 8K2
Canada
www.wsp.com

APPENDIX

D SITE PHOTOGRAPHS

PHOTO 1: Looking south at the Site from Taylor Kidd Boulevard.

PHOTO 2: Looking north at the Site from Bath Road.

PHOTO 3: Looking north at the agriculture field located in the southeast corner of the Site.

PHOTO 4: Looking at the hydro substation located east of the Site across County Road 6.

PHOTO 5: Looking at a residence located on Bayview Drive within the southwestern portion of the Site and associated potable water well.

PHOTO 6: Looking southeast at Williams Auto Service located approximately 235 m north of the Site.

PHOTO 7: Looking northwest at Brendar Environmental Inc. the north adjacent property to the Site.

PHOTO 8: Looking at the large scrap metal part and metal drum pile located on southeast portion of the Site.