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ENVIRONMENTAL SITE ASSESSMENT PHASE I REPORT

AT

PART OF LOTS 31, 32 & 33, CONCESSION 1, TOWNSHIP OF HUMBERSTONE, CITY OF PORT COLBORNE, KILLALY STREET WEST, ONTARIO

PREPARED FOR:

1000046816 ONTARIO LIMITED. 1 VALLEYBROOK DR SUITE 303, NORTH YORK, ON M3B 2S7

December 17th, 2021



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EXECUTIVE SUMMARY

King EPCM (the Engineer) was retained by Sean Talaei, 1000046816 Ontario Limited (the Client) to conduct a Phase I Environmental Site Assessment (ESA). The Phase I ESA property is located at Part of Lots 31, 32 & 33, Concession 1, Township of Humberstone, City of Port Colborne, Killaly Street West, Regional Municipality of Niagara, Ontario (the Site).

It is understood that the Phase I ESA documented herein is being undertaken by the Client for the sole purpose of the intention to purchase the property. The Phase I ESA report may be submitted to the due diligence teams for banks and financial institutions. The Records of Site Condition (RSC) submission is required based on the proposed development needs of Client, and would be required in the future for the property development.

The date of last work on all of the records review, interviews and site reconnaissance for the Phase I ESA is December 17th, 2021 (per Section 28 of O. Reg. 153/04).

The Phase I property is approximately $563,000 \text{ m}^2$ (139 acres) according to the Site Survey from Chambers and Associates Surveying Ltd. (Surveyor). The Site is situated at the south of Highway 3, west of Killaly Street, east of Cement Road, north of Gord Harry Conservation Trail, Port Colborne, Ontario. The Site was on the industrial land use, with residential properties to the north, east and south, and a quarry pond to the west followed by the agricultural area.

The scope of the investigation for the Site included an extensive review of historical records associated with the Site, site reconnaissance and the interviews based on the Reg. 153/04 requirements. The report documented the findings based on relevant information, and made conclusions for likelihood of Areas of Potential Environmental Concern (APEC's) associated with the Potentially Contaminating Activities (PCA's).

The Phase I ESA identified that the Site was previously used as a concrete factory with the operational activities for production onsite. In addition, topsoil, earth fill, and stockpiles of mixed sand and gravel, remnants of railway ties and rails, paint containers were noted in the previous environmental records. Therefore a Phase II ESA is required to further investigate the APEC's associated with these PCA's.

This report has been prepared for the sole use of 1000046816 Ontario Limited (the Client), or any financial institutions for due diligence purposes. This report is considered an intellectual property of King EPCM, and third party use of this report, including reliance, in-part or full, is prohibited without written consent from King EPCM.



1. INTRODUCTION

King EPCM (the Engineer) was retained by Sean Talaei, 1000046816 Ontario Limited (the Client) to conduct a Phase I Environmental Site Assessment (ESA). The Phase I ESA property is located at Part of Lots 31, 32 & 33, Concession 1, Township of Humberstone, City of Port Colborne, Killaly Street West, Regional Municipality of Niagara, Ontario (the Site).

It is understood that the Phase I ESA documented herein is being undertaken by the Client for the purpose of the intention to purchase the property. The Phase I ESA report may be submitted to the due diligence teams for banks and financial institutions. The Records of Site Condition (RSC) submission will be required based on the Client's proposed development.

1.1. PHASE I PROPERTY INFORMATION

The Phase I property is approximately 563,000 m² (139 acres) according to the Surveyor. The Site is located at parts of Lt 31, 32 & 33, Concession 1, Township of Humberstone, City of Port Colborne, Killaly Street West, Regional Municipality of Niagara, Ontario. The Site is situated at the south of Highway 3, west of Killaly Street, east of Cement Road, north of Gord Harry Conservation Trail in Port Colborne.

The property information and legal description is as follows according to the Surveyor and the GeoWarehouse Property Report (Geowarehouse):

Site Address:	0th Killaly Street West, Port Colborne
PIN:	641570023, 641570022, 641570123
Owner:	Colborne Estate Company Ltd.
Legal Description:	Part of Lots 31, 32 and 33, Concession 1; Part of Road Allowance between
	Lots of 32 and 33, Concession 1; Part of Road Allowance between
	Townships of Wainfleet and Humberstone; Port Colborne.
	Part 1, 2, and 3 for PIN 64157-0023 (LT)
	Part 4, 5, 6 and 7 for PIN 64157-0022 (LT)
	Part 8 and 9 for PIN 64157-0123 (LT)



2. SCOPE OF INVESTIGATION

The Phase I ESA was completed in general accordance with the O. Reg. 153/04, and with the revision of O. Reg. 511/09. The report was created using:

- Historical records, such as environmental incidents, information databases, aerial photographs, and any documentation associated with the site
- Interviews with the property owner
- Site reconnaissance

The final results of the report are:

- Identification of the Phase I Study Area
- Identification of PCA's within the study area
- Likelihood of PCA's to influences the Phase I property
- Identification of any APEC's within the site due to PCA's with a high likelihood of influence & contamination
- Phase I Conceptual Site Model (CSM)
- Identification for the possible requirement of ESA Phase II Report

3. RECORDS REVIEW

3.1. GENERAL

3.1.1. PHASE I STUDY AREA DETERMINATION

As per O. Reg. 153/04, the Phase I study area is 250 m radius from the outer boundary of the site property, while the Phase I property refers to the property that is the subject of the Phase I ESA (the Site). For the purposes of this study, all properties, or parts of a property, that is within the 250 m radius is considered to be within the study area. See attached Appendix I for a detailed map of the Phase I study area.

3.1.2. FIRST DEVELOPED USE DETERMINATION

Based upon historical aerial photographs from Environmental Risk Information Services (ERIS), the property had been first developed as a concrete factory back to 1934, in an industrial land use. The property has been used as the industrial land until between 1968 and 1974 when the factory was demolished from the Site, and the Site remained empty ever since.



3.1.3. FIRE INSURANCE PLANS

The historical Fire Insurance Plan (FIP) was reviewed. The FIP contained 1914 Ontario Miscellaneous Firemap 1 and 1953 Port Colborne Firemap 25. The FIP information indicated the facilities and rails onsite, which raised the environmental concerns for the previous operations with PCA's.

3.1.4. CHAIN OF TITLE

A Chain of Title was researched according to the GeoWarehouse Property Report. The current owner is Colborne Estate Company Ltd. since December 2015. The property was owned by 2260304 Ontario Inc. between November 2010 and December 2015; and was owned by 737089 Ontario Inc. from August 1993 to November 2010.

Based on the information from FIP, the earliest document for the cement factory and the quarry ponds was back to 1914. The ownerships between 1993 and 1914 were under review as per historical title search by the Client.

Table 1 - Chain of Title

Year Period	Property Owner
Dec. 2015 - Current	Colborne Estate Company Ltd.
Nov. 2010 – Dec. 2015	2260304 Ontario Inc.
Aug. 1993 – Nov. 2010	737089 Ontario Inc.
1993 - 1914	Under review as per title search by the Client

3.1.5. PREVIOUS ENVIRONMENTAL REPORTS

A previous ESA Phase I, completed by Soil Engineers Ltd. in 2011, was available and reviewed. According to this Phase I ESA report, the subject property was mainly used as a concrete factory throughout the historical years. It was a vacant land during the Phase I ESA reconnaissance in 2011. Soil Engineers Ltd. identified a few environmental concerns and required a further investigation based on the Phase I ESA findings for the following items:

- The field of the former concrete factory.
- Topsoil, earth fill, and stockpiles of mixed sand and gravel.
- Remnants of railway ties and rails.
- Stockpiles of asphalt.
- Paint containers.

3.2. ENVRIONMENTAL SOURCE INFORMATION



King EPCM reviewed the data primarily provided from Environmental Risk Information Services (ERIS) for environmental source information gathering. The information ERIS gathered included historical records for PCA's within the Phase I study area through various federal, provincial, and private resources.

ERIS has conducted a database search and compiled environmental source information from 72 different databases, and a total of 95 reports were identified for Phase I study area. As part of search and compilation of the 72 environmental databases, all requirements of Paragraph 7 of subsection 3 (2) of O. Reg. 153/04 are satisfied.

Below are the major categories which returned positive results that required additional review.

- Environmental Registry and Environmental Compliance Approvals (ECA)
- Ontario Regulation 347 Waste Generation Summary
- TSSA Historic Incidents
- Pipeline Incidents
- Scott's Manufacturing Directory
- Ontario Spills

The full ERIS database report can be found in Appendix III.

3.3.PHYSICAL SETTING SOURCES

3.3.1. AERIAL PHOTOGRAPHS

Historical aerial photographs associated with the Site were reviewed from ERIS information, with the earliest date back to 1934, until 1988. The Site aerial photographs were also reviewed from the Niagara Air Photo Index from 2000 to 2018.

The aerial photographs indicated that the Site had been an industrial land for a concrete factory, associated with cement and aggregates processing onsite. There were operational buildings, storage cylinders and chimney on the property, from 1934 to 1968. Between 1968 and 1973, the entire concrete factory was completely removed. The factory facilities were no longer visible in the 1973 aerial photograph, and the Site remained empty ever since. The quarry pond at the west side of the previous factory remained onsite. The adjacent areas contained residential properties to the north, east and south, and a quarry pond to the west followed by the agricultural area.

Year	Description of Phase I Property	Adjacent Properties within Phase I Study Area	
1934	The historical cement and concrete factory was visible onsite, with smoke emission from the factory. The quarry pond was visible to the	The surrounding areas were the undeveloped agricultural land; some residential area appeared to be on the southeast outside of the subject property.	
1954	A closer look at the Site, some storage cylinders and factory buildings were visible.	The aerial photograph didn't cover the surrounding areas.	
1965	The operational buildings, storage cylinders,	The aerial photograph didn't cover the surrounding	

Table 2 - Aerial Photograph by Year



	the chimney were visible onsite.	areas.	
1968	The onsite operational facilites and the quarry	The north and south outside the subject property were	
	pond to the west of the factory were visible.	developed as residential area, while other area	
		remained as the agricultural use.	
1973	The entire factory was completely	More residential buildings were built on the north and	
	demolished. The quarry pond remained onsite.	south outside of the subject property, especially the	
	It was inferred that the removal of the entire	south side.	
	factory happened between 1968 and 1973.		
1976	The Site remained the same.	The surrounding area remained the same.	
		More residential buildings were built on the south side.	
1988	The Site remained the same.	The surrounding area remained the same.	
		The south side out of the subject property had more	
	The quarry pond remained the same.	residential buildings built up.	
2006	The soil of the original factory location looked	Some dwellings appeared to be built on the west and	
	similar to the nearby soil.	northwest outside of the quarry pond.	
2010	The original factory location was almost	The surrounding areas remained the same.	
	invisible.		
2015	There were grass and soil on the Site.	The north, east and south outside of the subject	
	-	property were well developed as residential properties.	
2018	The Site remained the same.	The surrounding areas remained the same.	

The aerial photographs can be found in the Appendix V.

3.3.2. TOPOGRAPHY, HYDROLOGY, GEOLOGY

The topographic information from the Ontario Base Map (OBM), the Ministry of Natural Resources and Forestry (MNRF) was reviewed. The Phase I property is located on a relatively flat area with a general elevation of approximate 180 m (amsl), with the quarry pond elevation of 176 m (amsl). The general surface drainage is towards the southwest direction in the region.

The Bedrock Geology Report from ERIS was reviewed for geological information. The rock type included limestone, dolostone and shale, and the primary strata contained Onongada Formation for Detroit River Group.

The Physiography of Southern Ontario from ERIS was reviewed, and the Site was situated at the Limestone Plan physiographic area.

The Soils Report from ERIS indicated that this Hydrological Soil Group near the Site belonged to the soils with moderate infiltration rates when completely wetted. Soils were sandy loam soils with moderately fine to moderately coarse textures. The soil texture of A horizon was silty clay.

The Surficial Geology of Southern Ontario form ERIS indicated that the Site was located in the Onondaga and Bois Blanc Formation. The surficial materials contained Cherty limestone including locally glausonitic sandstone of the Springvale Member.

The above information can be found in Appendix VI.



3.3.3. FILL MATERIALS

Historical records revealed that there might be some earth fills to the Site, though the fill materials and the locations were not documented. Due to historical industrial processing, it was assumed that there were historical soil fill, especially during the topsoil stripping activities to create the ponds. However based on the historical aerial photographs, there has been no recent earth fill from 1973 to the present.

3.3.4. WATER BODIES & AREAS OF NATURAL SIGNIFICANCE

Based on OBM and MNRF Topographic Maps and the Site Survey by the Surveyor, the water body onsite was the existing Quarry Ponds on the property, which was categorized as "provincially significant wetland" (PSW). The Site was at the downstream of the Area of Natural Significance (ANSI) for "Wainfleet Bog Wetland Complex", which would be further confirmed by a Natural Heritage Evaluation (NHE) Report to determine if the Site was situated as part of this ANSI area.

3.3.5. WELL RECORDS

Based on the available historical well records from ERIS and the database from the Ministry of the Environment, Conservation and Parks (MECP), there was a groundwater well in the subject property. It was a domestic well (ID 6600905) for water supply, and the soil conditions described by the well records were as follows:

- 0 0.61 m clay
- 0.61 9.75 m limestone

This site was also considered as "shallow soil property".

The well records can be found in the Appendix IV.

3.4. SITE OPERATING RECORDS

The Site was used as a concrete factory back to 1934, until between 1968 and 1973 when the factory was demolished. The historical operational records were not available; however a previous Phase I ESA report as well as other information including FIP was available and reviewed.

As a previous operational Site for the concrete industry, it was involved with cement and aggregates operations. The PCA's were associated with the factory operation, the railway remnants, the topsoil and earth fill, the asphalt and paint containers. Therefore a further investigation on these locations was recommended.



4. INTERVIEWS

The interview was conducted by Tony Wang, Principal Engineer and QP-ESA of King EPCM, with Mr. Galen Lam, the previous director of 2260304 Ontario Inc., with the ownership of the property back in 2010 till 2015. Mr. Lam commissioned the historical ESA Phase I report, EIS report, and many other technical studies with knowledge about the Site's history. After cross-referencing the information from the interview against records, it is confirmed that the person interviewed was knowledgeable and reliable regarding the Site property.

The following is a summary of the information received from the interviews:

Galen Lam Previous Director of 2260304 Ontario Inc. October 18th, 2021

- This Site was originally used to mine the limestone bedrock, which was converted into cement, and shipped by the rail along the southern property boundary to construct the Welland Canal.
- The age or starting date of the Pond was unknown.
- The date or time the cement factory ceased operations was unknown.
- The previous ESA Phase I and preliminary geotechnical report suggested that there was shallow soil cover due to the historic mining operations.
- There was no known contamination from the Site since the factory had been demolished and ceased the operation.
- The Site has been an abandoned brownfield site ever since the end of the factory.
- There was a large stockpile of agricultural-grade lime products at the southwest corner of the Site. This product has been confirmed as usable and can be sold to local farmers.

5. SITE RECONNAISSANCE

5.1.GENERAL REQUIREMENTS

The Site investigation of the Phase I study area was conducted by Tony Wang, Principal Engineer and QP-ESA of King EPCM, on October 19th, 2021. The investigation occurred in the following circumstances:

- Date: October 19th, 2021.
- Weather condition: 22°C, cloudy and damp.
- The Site was inspected and observed, with an in-depth investigation on the property.
- Neighbouring residential/commercial/agricultural activities were also observed during the Site reconnaissance.



5.2. SPECIFIC OBSERVATIONS AT PHASE I PROPERTY

5.2.1. SITE DESCRIPTION

The Site was considered as the industrial land use historically throughout the years until the factory was demolished. The Site was currently vacant. Other observational details included:

- The north property boundary was along the Killaly Street West, a main regional road, and contained currently flat agricultural grass, with a small stand of trees at the northwest corner.
- The east property boundary abutted Elgin Street, and there were currently two parks with manicured grass lawn and a pedestrian trail entering into the property.
- The south property boundary included a drainage channel running from southeast to southwest, and discharged into the Quarry Ponds. A railway line for parking & temporary storage purposes was on the south of the drainage channel.
- The west property boundary visit ended at the quarry pond as well as the island within the pond.

5.2.2. SITE UTILITIES

There were existing municipal / regional natural gas lines and stormwater sewer along Killaly Street West at the north property boundary, as well as at Elgin Street cul-de-sac at the east property boundary. There was also a main electrical feeder powerline running through the property on hydro poles.

5.2.3. BUILDING DESCRIPTION

There were no standing buildings at the Site, but remnant concrete foundation was visible in several locations where demolition of the factory did not fully remove the concrete elements.

5.2.4. WELLS AND SUB-SURFACE HISTORY

Based on the available historical well records from ERIS and the database from the Ministry of the Environment, Conservation and Parks (MECP), there was a groundwater well in the subject property. It was a domestic well (ID 6600905) for water supply, and the soil conditions described by the well records were as follows:

- 0-0.61 m clay
- 0.61 9.75 m limestone

5.2.5. NON-BUILDING INVESTIGATION

The following items were observed during the Site reconnaissance:



- The central portion of the pond showed several areas of open bedrock of limestone, as well as historic building foundation elements such as concrete and exposed steel rebar, and minor pedestrian vandalism via spray paint. No containers or refuse were found, but there were multiple concrete structure foundations covered with trees, logs, and vines.
- Neighbourhood: residential sub-division on the north, a small neighbourhood commercial plaza on northeast, residential sub-division on the east, a railway line for parking and then more residential sub-division on the south, the Quarry Ponds and more residential lots surrounding the pond on the west.
- There was a large powdery stockpile of most likely limestone dust / limestone powder at the southwest corner of the property

In summary, there were no signs of distressed vegetation, unidentified substances, or other PCA's during the Site investigation.

5.2.6. ENHANCED INVESTIGATION PROPERTY

The Site was ever used as an industrial operational use and PCA's were identified within the Phase I property, as per Column A of Table 2 of Schedule D in O. Reg. 153/04. Therefore, the Site was considered to be an Enhanced Investigation Property as described in Section 32 (1) (b) of O. Reg. 153/04. A further investigation was required.

5.3.WRITTEN DESCRIPTION OF INVESTIGATION

The Site investigation of the Phase I study area was conducted by Tony Wang, Principal Engineer of King EPCM on October 19th, 2021 to identify, describe, and document specific items of the Site and at surrounding properties within the Phase I study area, in accordance with Schedule D of O. Reg. 153/04.

The Site investigation included a perimeter inspection of the Site property, with detailed inspection for specific features within the Site and the evidences of PCA's onsite. The Site investigation also included the surrounding Phase I study area, to check for stressed vegetation, stained areas, and any visible air emissions / potentially contaminating activities.

In summary of the Site investigation, a number of PCA's in previous factory operations have been noted on the property, which needed a further investigation. Some PCA's identified offsite documented in the historical environmental records in the Phase I study area did not have direct impacts on the property.



6. REVIEW AND EVALUATION OF INFORMATION

6.1. CURRENT AND PAST USES

A summary description of the current and past uses of the site is as follows:

Year Period	Property Owner	Land Use	Description of Property
Dec. 2015 - Current	Colborne Estate Company Ltd.	Empty field	Grass land with a quary pond
Nov. 2010 – Dec. 2015	010 – Dec. 2015 2260304 Ontario Inc.		Same as above
Aug. 1993 – Nov. 2010	3 – Nov. 2010 737089 Ontario Inc.		Same as above
1993-1914	1993-1914 Under review as per title search		Historically a concrete factory,
	by the Client	historically	demolished between 1968 and
			1973.

The available recorded history of the Site from aerial photograph review and previous Phase I ESA information review indicated that the Site had been an industrial land with a concrete factory onsite since 1934. The factory was removed between 1968 and 1973. The Site remained empty with the existing quarry pond since then. The available information from GeoWarehouse indicated that the property was owned by 737089 Ontario Inc. from 1993 to 2010, and was transferred to 2260304 Ontario Inc. in 2010. Colborne Estate Company Ltd. has owned the property from 2015 to the present since purchasing it from 2260304 Ontario Inc. in 2015.

Based on the information from FIP, the earliest document for the cement factory and the quarry ponds was back to 1914. The ownerships between 1993 and 1914 were under review as per historical title search by the Client.

6.2. POTENTIALLY CONTAMINATING ACTIVITIES

Potentially Contaminating Activity (PCA) as defined in O. Reg. 153/04 is a use or activity defined in Column A of Table 2 of Schedule D, that occurs or has occurred in the Phase I property or the Phase I study area.

After extensive review, it was in the Engineer's opinion that PCA's have been found in the records historically occurred within the Phase I site property.

- 1. PCA#12 Concrete and Cement Manufacturing (within the previous concrete factory location).
- 2. PCA#30 Importation of Fill Material of Unknown Quality (potentially in the factory location).
- 3. PCA#39 Paints Processing and Bulk Storage (paint containers potentially in the factory).



4. PCA#46 – Rail Yards, Tracks and Spurs (in the previous railway location).

A total of 6 locations with off-site PCA's have been identified within the Phase I study area, with the majority of industrial/commercial activities to the northeast of the property, as well as some to the north and east of the property.

					ERIS
PCA	Activity Description	Address (Off-Site)	Distance from Site	Elevation	map
				Difference	site
1	PCA#42	Mapleview Medical Clinic 340	97.0 m east	0 m	26
	Pharmaceutical	Elgin Street, Port Colborne.			
2	PCA#55 Transformer	Canadian Niagara Power Inc. 1776	110.1 m northwest	4.13 m	28
	oil Miner Road, Port Colborne				
3	PCA#54 Textile	CA#54 TextileNewport Signs, 300 Killaly St W134.0 m northeastProcessUnit 8, Port Colborne134.0 m northeast		1.0 m	32
	Process				
4	PCA#63 Oil Production	CA#63 Oil Production Dominion Natural Gas co. Ltd 208.5 m east and northeast		1.0 m	43
	Mathias Neff No. 36				
5	PCA#58 Wastes	PCA#58 Wastes Lock 8 Equipment Inc. 266 Killaly 236.1 m east and northeast		1.0 m	49
	Street West Port Colborne				
6	PCA#58 Wastes	City of Port Colborne 52 Westside	236.5 m east and northeast	1.0 m	50
		Road Port Colborne			

Table 4 - List of Potentially Contaminatin	g Activities (PCA's) w	vithin 250m Phase I Study Area
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6.3. AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Areas of Potential Environmental Concern (APEC's) as defined in O. Reg. 153/04 is the area on, in or under a Phase I property where one or more contaminants are potentially present, as determined through the Phase I environmental site assessment, including through identification of past or present uses on, in or under the Phase I property, and, identification of potentially contaminating activity.

Based on the findings of PCA's for the Phase I property area, it was in the Engineer's opinion that the APEC's associated with previous PCA's onsite required further Phase II ESA investigations, especially for the filing of Record of Site Conditions (RSC) for site development:

The list of APEC's, PCA's and the potential contamination media is as follows:

APEC	Location	Onsite PCA's	Potential Contamination Media (Soil, Groundwater, Sediment)
1	Previous concrete factory location	PCA#12, PCA#30, PCA#39, PCA#46.	Soil



6.4. PHASE I CONCEPTUAL SITE MODEL

6.4.1. SITE FEATURES

The Phase I property is approximately 563,000 m² (139 acres), located at parts of Lt 31, 32 & 33, Concession 1, Township of Humberstone, City of Port Colborne, Killaly Street West, Regional Municipality of Niagara, Ontario. The Phase I property was previously used as an industrial land, and is current an empty field.

The water body onsite was the existing Quarry Ponds on the property, which was categorized as "provincially significant wetland" (PSW). The Site was at the downstream of the ANSI "Wainfleet Bog Wetland Complex", which would be further confirmed by a Natural Heritage Evaluation (NHE) Report to determine if the Site was situated as part of this ANSI area.

Based on the extensive review of historical records, environmental source databases, and the Site investigation, it was determined that a number of PCA's have occurred onsite during the industrial operational use, that would require a further investigation. There were some off-site PCA's in the Phase I Study Area, but did not have direct impacts on the property.

6.4.2. ADJACENT PROPERTIES

The Site is situated at the south of Highway 3, west of Killaly Street, east of Cement Road, north of Gord Harry Conservation Trail in Port Colborne.

A description of the adjacent properties is summarized below:

Table 6 - Adjacent Properties

Adjacent Property	North	East	South	West
Operation or Activity	Residential and	Residential	Residential	Agricultural
	Agricultural			
Elevation difference /	Flat to upgradient	Flat to upgradient	Flat to	Flat to
inferred groundwater flow			downgradient	downgradient
Visible emissions	No	No	No	No
Visible outdoor storage of	No	No	No	No
hazardous materials				

6.4.3. STORAGE TANKS

No storage tanks were identified onsite.

6.4.4. ASSESSMENT OF PCA / COC



Based on extensive review of historical records, review of environmental source databases, and the Site reconnaissance, it was determined that there were potential Contaminates of Concern (COC's) from the onsite APEC's, due to the PCA's for the previous concrete factory. This requires the further investigation and assessment for the Site.

The list of APEC's, PCA's Potential contamination media and the COC's is as follows:

Table 7 - List of APEC's, PCA's, Potential Contamination Media and COC's

APEC	Location	Onsite PCA's	Potential Contamination Media (Soil, Groundwater, Sediment)	COC's to be tested
1	Previous concrete factory location	PCA#12, PCA#30, PCA#39, PCA#46.	Soil	Metals, Inorganics, PHC BTEX, F1-F4, VOC

6.4.5. UNDERGROUND UTILITIES

There were existing municipal / regional natural gas lines and stormwater sewer along Killaly Street West at the north property boundary, as well as at Elgin Street cul-de-sac at the east property boundary.

6.4.6. GEOLOGY / HYDROGEOLOGY

Based on the geology and hydrogeology information records, the Site surficial geology materials contained Cherty limestone including locally glausonitic sandstone of the Springvale Member, and the rock type included limestone, dolostone and shale.

A groundwater well was identified in the subject property. It was a domestic well (ID 6600905) for water supply, and the soil conditions described by the well records were as follows:

- 0 0.61 m clay
- 0.61 9.75 m limestone

6.4.7. UNCERTAINTY

Within the Site records review and reconnaissance, the Engineer was certain that there were previous PCA's documented for the property, that required a further investigation of potential COC's. No uncertainty or absence of information obtained in each of the components of the Phase I ESA could affect the validity of the model.



7. CONCLUSION

7.1. SUMMARY OF PHASE I ESA

It is understood that the Phase I ESA documented herein is being undertaken by the Client for the sole purpose of the intention to purchase the property.

Based on the investigation for historical information and reconnaissance for the current Site situation, the Phase I ESA revealed that there were PCA's in the previous concrete factory onsite, and the APEC's with the associated COC's needed to be further investigated. Therefore a Phase II ESA is required for this Site.

7.2. RSC & PHASE II ESA

Records of Site Condition (RSC) submissions will be required based on the Client's needs, but can be conducted at a later time.

A Phase II ESA is required based on the Phase I ESA findings for further investigation of potential contamination on the soil due to the previous onsite operation activities.

7.3. SIGNATURES

The Phase I ESA property is at parts of Lt 31, 32 & 33, Concession 1, Township of Humberstone, City of Port Colborne, Killaly Street West, Regional Municipality of Niagara, Ontario, and the Phase I ESA investigation was conducted under the supervision of Tony Wang, the principal engineer and a Qualified Person (QP) as in accordance with O. Reg. 153/04 and updated by O. Reg. 511/09. This report was based on a date of last work of December 17th, 2021.

King EPCM accepts no responsibility or liability for any changes or potential changes in the condition of the Site after the date of last work. In assessing the environmental conditions and history of the Site, King EPCM has relied in good faith on information provided by others, and has assumed the information provided as factual and accurate. King EPCM accepts no responsibility for any deficiency, misstatement, or inaccuracy in this report resulting from the information provided by others, or issues arising from relevant facts that were concealed, withheld, or not fully disclosed. This report pertains, only, to the site specifically described in this report and not to any adjacent or other property.

This report has been prepared for the sole use of 1000046816 Ontario Limited (the Client), or any financial institutions for due-diligence purposes. King EPCM accepts no liability for claims



arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than the Client.

Yu Tao (Fony) Wang, P. Eng Principal Engineer, King EPCM Qualified Person, Per O. Reg. 153/04





REFERENCES

Ontario Regulation 153/04, Record of Site Condition – Part XV.1 of the Act.

Environmental Database and Reports, Environmental Risk Information Services (ERIS)

Aerial Photographs, ERIS

Aerial Photographs, Niagara Air Photo Index

Property Reports, GeoWarehouse

Site Survey, Chambers and Associates Surveying Ltd.

Survey Plan Part 5, Reference Plan in the City of Port Colborne

Topography and hydrology, Ontario Topography Maps, MNRF

OBM – Ontario Base Map

Well Records and Geology, Ontario Well records, MECP

Bedrock Geology Report, ERIS

Area of Natural & Scientific Interest (ANSI) Map, ERIS

Southern Ontario Physiographic Information, ERIS

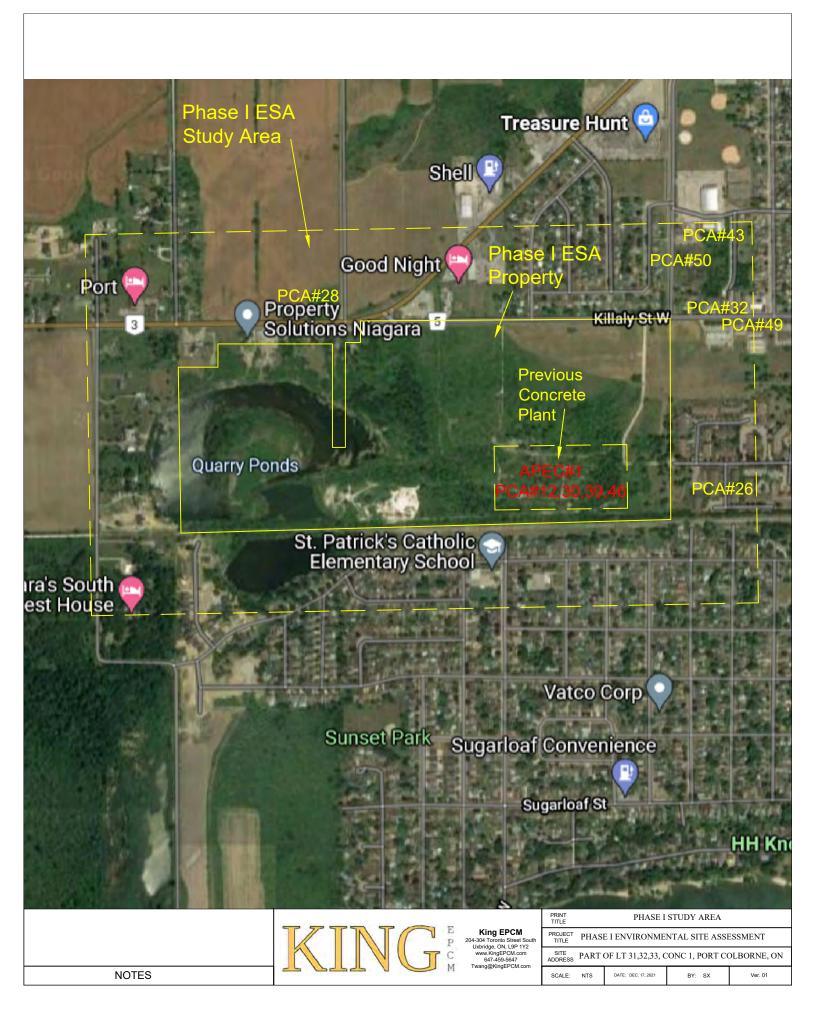
Surficial Geology of Southern Ontario, ERIS

Soil Report, ERIS

Phase I ESA Report 2011, Soil Engineers Ltd.



APPENDIX I – PHASE I STUDY AREA, CONCEPTUAL SITE MODEL





APPENDIX II – SITE INVESTIGATION PHOTOGRAPHS

(Since the Site is required for a Phase II ESA, the site photographs will be provided at the time of Phase II ESA. Additionally, there were historical records with site photographs that could be referenced).



APPENDIX III- FIP & ERIS DATABASE REPORTS



DATABASE REPORT

Project Property:

Mapleview Port Colborne Subdivision project Killaly Street west Port Colborne ON

Project No: Report Type: Order No: Requested by: Date Completed:

RSC Report - Quote 21112300694 King EPCM November 29, 2021

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Executive Summary

Mapleview Port Colborne Subdivision project Killaly Street west Port Colborne ON

Property Information:

Project Property:

Project No:

Order Information:

Order No: Date Requested: Requested by: Report Type: 21112300694 November 23, 2021 King EPCM RSC Report - Quote

Historical/Products:

Aerial Photographs Insurance Products Land Title Search Topographic Map Aerials - National Collection Fire Insurance Maps/Inspection Reports/Site Plans Historical Land Title Search RSC Maps

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	1	1
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	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	6	11	17
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	29	29
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 0.30km	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	0	0
NATE	National Analysis of Trends in Emergencies System	Y	0	0	0
NCPL	(NATES) 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	1	1
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	1	1
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	3	3
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	3	3
SPL	Ontario Spills	Y	0	2	2
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	1	31	32
	-	Total:	7	88	95

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Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		Killaly Street West Port Colborne ON	W/0.0	0.00	<u>28</u>
<u>2</u>	EHS		680 Main Street West Port Colborne ON L3K 5V4	WNW/0.0	0.00	<u>28</u>
<u>2</u>	EHS		680 Main Street West Port Colborne ON L3K 5V4	WNW/0.0	0.00	<u>28</u>
<u>2</u>	EHS		680 Main Street West Port Colborne ON L3K 5V4	WNW/0.0	0.00	<u>28</u>
<u>2</u>	EHS		680 Main Street West Port Colborne ON L3K 5V4	WNW/0.0	0.00	<u>29</u>
<u>2</u>	EHS		680 Main Street West Port Colborne ON L3K 5V4	WNW/0.0	0.00	<u>29</u>
<u>3</u>	WWIS		lot 31 con 1 ON	E/0.0	1.00	<u>29</u>
			Well ID: 6600905			

Executive Summary: Site Report Summary - Surrounding Properties

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>4</u>	WWIS		lot 33 con 1 ON	WNW/8.4	-0.25	<u>31</u>
			Well ID: 6600915			
<u>5</u>	WWIS		lot 33 con 1 ON	NW/11.2	0.00	<u>34</u>
			Well ID: 6600916			
<u>6</u>	WWIS		lot 33 con 1 ON	WNW/22.4	0.00	<u>36</u>
			Well ID: 6603064			
<u>7</u>	WWIS		lot 33 con 1 ON	NW/26.8	0.00	<u>39</u>
			Well ID: 6600914			
<u>8</u>	WWIS		722 MAIN ST WEST PORT COLBORNE lot 33 con 1 PORT COLBORNE ON Well ID: 7262353	WNW/30.6	0.00	<u>42</u>
<u>9</u>	WWIS		lot 32 con 2 ON	NNE/34.8	0.00	<u>48</u>
			Well ID: 6601072			
<u>10</u>	WWIS		lot 33 con 1 ON	NW/36.7	0.00	<u>51</u>
			Well ID: 6600913			
<u>11</u>	WWIS		722 MAIN STREET WEST lot 33 con 1 PORT COLBORNE ON	WNW/44.2	0.00	<u>54</u>
			Well ID: 7302832			
<u>12</u>	WWIS		lot 33 con 1 ON	WNW/44.9	-0.67	<u>60</u>
			Well ID: 6603822			
<u>13</u>	WWIS		lot 31 con 2 ON	NE/45.3	0.04	<u>64</u>
			Well ID: 6601066			
<u>14</u>	PES	INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K 5V4	WNW/46.0	-1.00	<u>67</u>
<u>14</u>	PES	INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K 5V4	WNW/46.0	-1.00	<u>67</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	PINC		730 Main Street West, Port Colborne ON	WNW/46.0	-1.00	<u>67</u>
<u>14</u>	PES	INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K5V4	WNW/46.0	-1.00	<u>68</u>
<u>15</u>	WWIS		ON <i>Well ID:</i> 6601612	NE/48.9	0.00	<u>68</u>
<u>16</u>	WWIS		lot 31 con 2 ON <i>Well ID:</i> 6601062	NE/49.8	0.00	<u>71</u>
<u>17</u>	EHS		676 Main Street Port Colborne ON	N/50.6	0.00	<u>73</u>
<u>17</u>	EHS		676 Main Street Port Colborne ON	N/50.6	0.00	<u>73</u>
<u>18</u>	WWIS		722 MAIN ST WEST lot 33 con 1 Port Colborne ON <i>Well ID:</i> 7230998	WNW/52.2	0.00	<u>74</u>
<u>19</u>	EHS		676 Main St W Port Colborne ON L3K5V4	N/55.1	0.00	<u>79</u>
<u>20</u>	WWIS		676 MAIN ST lot 32 con 2 Port Colborne ON <i>Well ID:</i> 7228846	N/57.4	0.00	<u>79</u>
<u>20</u>	WWIS		676 MAIN STREET W. lot 32 con 2 Port Colborne ON Well ID: 7226000	N/57.4	0.00	<u>82</u>
<u>21</u>	WWIS		lot 1 con 1 ON <i>Well ID:</i> 6604210	WSW/63.7	-2.50	<u>85</u>
<u>22</u>	WWIS		lot 31 con 2 ON <i>Well ID:</i> 6601061	NE/72.3	0.53	<u>88</u>
<u>23</u>	WWIS		lot 1 con 1 ON	W/76.3	-2.12	<u>90</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6603517			
<u>24</u>	CA	PORT COLBORNE CITY - WEST SIDE ROAD	SHEBA CRES./FIRST AVE. PORT COLBORNE CITY ON	ENE/78.6	1.00	<u>93</u>
<u>25</u>	WWIS		lot 33 con 2 ON <i>Well ID</i> : 6601079	NW/86.8	0.00	<u>93</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>96</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>96</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>96</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>97</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>97</u>
<u>26</u>	GEN	Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	E/97.0	0.00	<u>97</u>
<u>27</u>	WWIS		lot 30 con 2 ON	ENE/104.0	1.00	<u>98</u>
<u>28</u>	SPL	Canadian Niagara Power Inc.	<i>Well ID:</i> 6601056 1776 Miner Road Port Colborne ON	NW/110.1	0.00	<u>100</u>
<u>29</u>	BORE		ON	ESE/118.9	-1.00	<u>101</u>
<u>30</u>	WWIS		lot 1 con 1 ON	W/124.7	-2.00	<u>102</u>
<u>31</u>	SCT	Everyday Publications Inc.	<i>Well ID:</i> 6604539 310 Killaly St W Port Colborne ON L3K 6A6	ENE/132.2	1.00	<u>105</u>

Order No: 21112300694

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>31</u>	SCT	Everyday Newsletter -	310 Killaly St W Port Colborne ON L3K 6A6	ENE/132.2	1.00	<u>105</u>
<u>32</u>	SCT	Newport Signs	300 Killaly St W Unit 8 Port Colborne ON L3K 6A6	ENE/134.0	1.00	<u>106</u>
<u>33</u>	PINC	PIPELINE HIT	46 WEST SIDE ROAD,,PORT COLBORNE,ON,L3K 5K6,CA ON	ENE/158.5	1.00	<u>106</u>
<u>34</u>	WWIS		lot 33 con 2 ON <i>Well ID:</i> 6601082	WNW/162.7	0.00	<u>106</u>
<u>35</u>	GEN	WELLAND COUNTY R.C.S.S. BOARD 42-633	ST. PATRICK, 266 ROSEMOUNT AVENUE PORT COLBORNE, C/O 427 RICE ROAD WELLAND ON L3K 5R4	SSE/162.9	-1.00	<u>109</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>109</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>110</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>110</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>111</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>111</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>111</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON	SSE/162.9	-1.00	<u>112</u>

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>112</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>113</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>113</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>114</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>114</u>
<u>35</u>	GEN	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	SSE/162.9	-1.00	<u>114</u>
<u>36</u>	WWIS		lot 1 con 2 ON <i>Well ID:</i> 6603590	WNW/165.1	-0.99	<u>115</u>
<u>37</u>	PINC	VAN DUZEN FENCE & POST	60 MICHAEL DR N,,PORT COLBORNE, ON,L3K 3C5,CA ON	S/171.5	-2.00	<u>117</u>
<u>37</u>	SPL	Enbridge Gas Distribution Inc.	60 Michael Drive North Port Colborne ON	S/171.5	-2.00	<u>118</u>
<u>38</u>	EHS		299 Killaly Street West Port Colborne ON L3K 3M7	ENE/185.3	1.00	<u>118</u>
<u>39</u>	WWIS		lot 1 con 2 ON <i>Well ID:</i> 6603447	WNW/189.5	-1.00	<u>119</u>
<u>40</u>	EHS		296 Killaly Street West Port Colborne ON L3K 5K6	ENE/191.2	1.00	<u>122</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>41</u>	EHS		303 Killaly Street West Port Colborne ON L3K 3M7	ENE/202.1	1.00	<u>122</u>
<u>41</u>	EHS		303 Killaly St W Port Colborne ON L3K3M7	ENE/202.1	1.00	<u>122</u>
<u>42</u>	WWIS		20134 HWY 3 lot 1 con 2 WAINFLEET ON <i>Well ID:</i> 7232408	WNW/203.9	0.00	<u>122</u>
<u>43</u>	OOGW	Dominion Natural Gas co. Ltd Mathias Neff No. 36	Humberstone ON <i>Licence No:</i> F015011	ENE/208.5	1.00	<u>128</u>
<u>44</u>	WWIS		lot 33 con 2 ON <i>Well ID:</i> 6601077	WNW/214.3	0.00	<u>129</u>
<u>45</u>	WWIS		lot 1 con 2 ON <i>Well ID:</i> 6602166	WNW/214.9	0.00	<u>131</u>
<u>46</u>	WWIS		lot 33 con 2 ON <i>Well ID:</i> 6601083	WNW/226.9	0.00	<u>134</u>
<u>47</u>	EHS		285 Killaly street w Port Colborne ON L3K 6A6	ENE/228.9	1.00	136
<u>48</u>	NPRI	THE HARD ROCK GROUP	20546 HWY #3 WEST NOT AVAILABLE WAINFLEET ON LOS 1V0	WNW/229.2	-1.00	<u>136</u>
<u>49</u>	GEN	1746826 Ontario Limited	266 Killaly St. W. Port Colborne ON L3K 6A6	ENE/236.1	1.00	<u>138</u>
<u>49</u>	GEN	Lock 8 Equipment Inc.	266 Killaly Street West Port Colborne ON L3K 6A6	ENE/236.1	1.00	<u>138</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>139</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>139</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>140</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>141</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>142</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON	ENE/236.5	1.00	<u>142</u>
<u>50</u>	GEN	City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	ENE/236.5	1.00	<u>143</u>
<u>51</u>	EHS		50 Westside Road Port Colborne ON L3K 5K6	ENE/242.0	1.00	<u>144</u>
<u>51</u>	EHS		50 Westside Road Port Colborne ON L3K 5K6	ENE/242.0	1.00	<u>144</u>
<u>51</u>	EHS		50 Westside Road Port Colborne ON L3K 5K6	ENE/242.0	1.00	<u>144</u>
<u>52</u>	WWIS		lot 33 con 2 ON <i>Well ID:</i> 6601081	WNW/245.8	0.00	<u>145</u>
<u>53</u>	WWIS		lot 33 con 2 ON <i>Well ID:</i> 6601084	WNW/251.9	0.00	<u>147</u>
<u>54</u>	PINC	GERALD DUERR	4 WOOD LANE,,PORT COLBORNE,ON, L3K 6B8,CA ON	SW/257.0	-2.00	<u>149</u>
<u>55</u>	ECA	The Corporation of the City of Port Colborne	Stanley Street Port Colborne City Port Colborne ON L3K 3C8	SE/261.9	-1.29	<u>150</u>
<u>56</u>	WWIS		ON Well ID: 6602323	NNE/272.5	1.00	<u>150</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	118.9	<u>29</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PORT COLBORNE CITY - WEST SIDE ROAD	SHEBA CRES./FIRST AVE. PORT COLBORNE CITY ON	78.6	<u>24</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2021 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Port Colborne	Stanley Street Port Colborne City Port Colborne ON L3K 3C8	261.9	<u>55</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 17 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>

Address	Distance (m)	<u>Map Key</u>
Killaly Street West Port Colborne ON	0.0	<u>1</u>

Address	<u>Distance (m)</u>	<u>Map Key</u>
680 Main Street West Port Colborne ON L3K 5V4	0.0	2
680 Main Street West Port Colborne ON L3K 5V4	0.0	2
680 Main Street West Port Colborne ON L3K 5V4	0.0	2
680 Main Street West Port Colborne ON L3K 5V4	0.0	2
680 Main Street West Port Colborne ON L3K 5V4	0.0	2
676 Main Street Port Colborne ON	50.6	<u>17</u>
676 Main Street Port Colborne ON	50.6	<u>17</u>
676 Main St W Port Colborne ON L3K5V4	55.1	<u>19</u>
299 Killaly Street West Port Colborne ON L3K 3M7	185.3	<u>38</u>
296 Killaly Street West Port Colborne ON L3K 5K6	191.2	<u>40</u>
303 Killaly Street West Port Colborne ON L3K 3M7	202.1	<u>41</u>

Address 303 Killaly St W Port Colborne ON L3K3M7	<u>Distance (m)</u> 202.1	<u>Map Key</u> <u>41</u>
285 Killaly street w Port Colborne ON L3K 6A6	228.9	<u>47</u>
50 Westside Road Port Colborne ON L3K 5K6	242.0	<u>51</u>
50 Westside Road Port Colborne ON L3K 5K6	242.0	<u>51</u>
50 Westside Road Port Colborne ON L3K 5K6	242.0	<u>51</u>

<u>GEN</u> - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Aug 31, 2021 has found that there are 29 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u> Mapleview Medical Clinic	Address 340 Elgin Street Port Colborne ON L3K6G9	Distance (m) 97.0	<u>Map Key</u> <u>26</u>
Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	97.0	<u>26</u>
Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	97.0	<u>26</u>
Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	97.0	<u>26</u>
Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	97.0	<u>26</u>

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
Mapleview Medical Clinic	340 Elgin Street Port Colborne ON L3K6G9	97.0	<u>26</u>
WELLAND COUNTY R.C.S.S. BOARD 42-633	ST. PATRICK, 266 ROSEMOUNT AVENUE PORT COLBORNE, C/O 427 RICE ROAD WELLAND ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>

<u>Site</u> NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	<u>Address</u> ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	<u>Distance (m)</u> 162.9	<u>Map Key</u> <u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
NIAGARA CATHOLIC DISTRICT SCHOOL BOARD	ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	162.9	<u>35</u>
1746826 Ontario Limited	266 Killaly St. W. Port Colborne ON L3K 6A6	236.1	<u>49</u>
Lock 8 Equipment Inc.	266 Killaly Street West Port Colborne ON L3K 6A6	236.1	<u>49</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>
City of Port Colborne	52 Westside Road Port Colborne ON	236.5	<u>50</u>

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
City of Port Colborne	52 Westside Road Port Colborne ON L3K 5K6	236.5	<u>50</u>

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
THE HARD ROCK GROUP	20546 HWY #3 WEST NOT AVAILABLE WAINFLEET ON L0S 1V0	229.2	<u>48</u>

OOGW - Ontario Oil and Gas Wells

A search of the OOGW database, dated 1800-Jan 2021 has found that there are 1 OOGW site(s) within approximately 0.30 kilometers of the project property.

5	Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Dominion Natural Gas co. Ltd Mathias Neff No. 36	Humberstone ON	208.5	<u>43</u>
		Licence No: F015011		

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Sep 30, 2021 has found that there are 3 PES site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	<u>Map Key</u>
INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K 5V4	46.0	<u>14</u>
INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K5V4	46.0	<u>14</u>
INDEPENDENT DISCOUNT PET SUPPLY	730 MAIN STREET WEST PORT COLBORNE ON L3K 5V4	46.0	<u>14</u>

<u>PINC</u> - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 4 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u> 730 Main Street West, Port Colborne ON	<u>Distance (m)</u> 46.0	<u>Map Key</u> <u>14</u>
PIPELINE HIT	46 WEST SIDE ROAD,,PORT COLBORNE, ON,L3K 5K6,CA ON	158.5	<u>33</u>
VAN DUZEN FENCE & POST	60 MICHAEL DR N,,PORT COLBORNE,ON, L3K 3C5,CA ON	171.5	<u>37</u>
GERALD DUERR	4 WOOD LANE,,PORT COLBORNE,ON,L3K 6B8,CA ON	257.0	<u>54</u>

<u>SCT</u> - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Everyday Publications Inc.	310 Killaly St W Port Colborne ON L3K 6A6	132.2	<u>31</u>
Everyday Newsletter -	310 Killaly St W Port Colborne ON L3K 6A6	132.2	<u>31</u>
Newport Signs	300 Killaly St W Unit 8 Port Colborne ON L3K 6A6	134.0	<u>32</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 2 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
Canadian Niagara Power Inc.	1776 Miner Road Port Colborne ON	110.1	<u>28</u>
Enbridge Gas Distribution Inc.	60 Michael Drive North Port Colborne ON	171.5	<u>37</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 32 WWIS site(s) within approximately 0.30 kilometers of the project property.

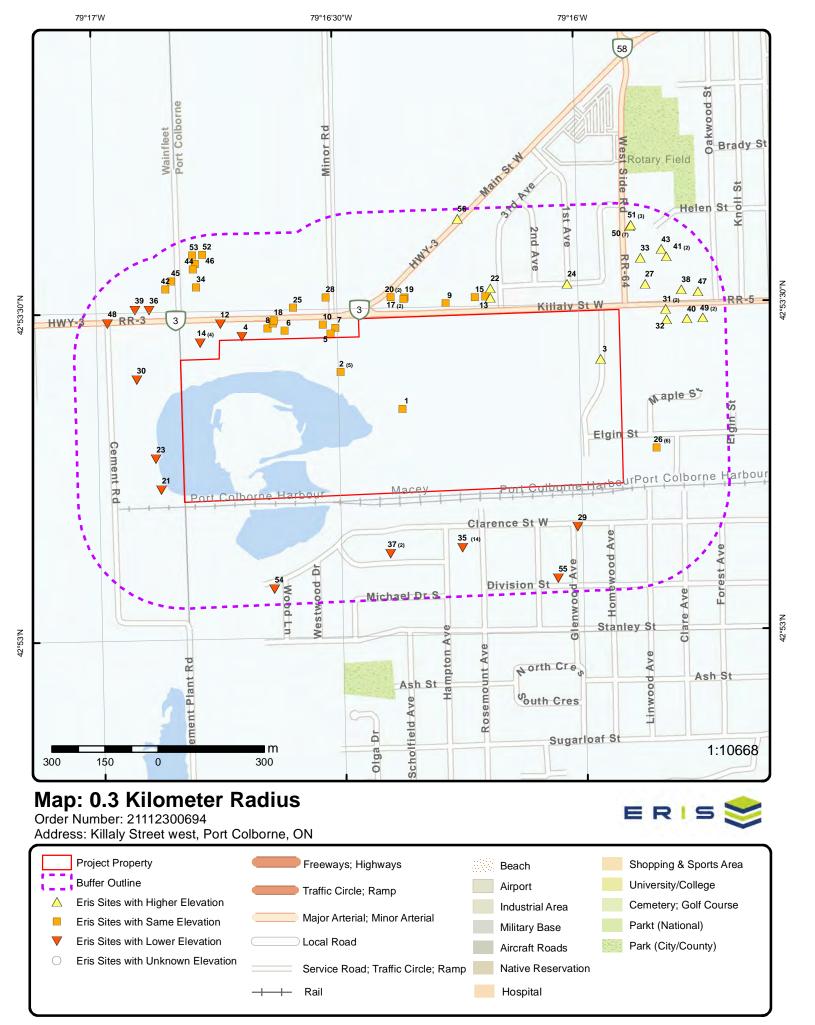
<u>Site</u>	Address lot 31 con 1 ON <i>Well ID:</i> 6600905	Distance (m) 0.0	<u>Map Key</u> <u>3</u>
	lot 33 con 1 ON	8.4	<u>4</u>
	Well ID: 6600915 lot 33 con 1 ON	11.2	<u>5</u>
	Well ID: 6600916 lot 33 con 1 ON	22.4	<u>6</u>
	Well ID: 6603064		
	lot 33 con 1 ON <i>Well ID:</i> 6600914	26.8	<u>7</u>
	722 MAIN ST WEST PORT COLBORNE lot 33 con 1 PORT COLBORNE ON <i>Well ID:</i> 7262353	30.6	<u>8</u>
	lot 32 con 2 ON	34.8	<u>9</u>

<u>Address</u> Well ID: 6601072	<u>Distance (m)</u>	<u>Map Key</u>
lot 33 con 1 ON	36.7	<u>10</u>
Well ID: 6600913		
722 MAIN STREET WEST lot 33 con 1 PORT COLBORNE ON	44.2	<u>11</u>
Well ID: 7302832		
lot 33 con 1 ON	44.9	<u>12</u>
Well ID: 6603822		
lot 31 con 2 ON	45.3	<u>13</u>
Well ID: 6601066		
ON	48.9	<u>15</u>
Well ID: 6601612		
lot 31 con 2 ON	49.8	<u>16</u>
Well ID: 6601062		
722 MAIN ST WEST lot 33 con 1 Port Colborne ON	52.2	<u>18</u>
Well ID: 7230998		
676 MAIN ST lot 32 con 2 Port Colborne ON	57.4	<u>20</u>
Well ID: 7228846		
676 MAIN STREET W. lot 32 con 2 Port Colborne ON	57.4	<u>20</u>
Well ID: 7226000		
lot 1 con 1 ON	63.7	<u>21</u>
Well ID: 6604210		
lot 31 con 2 ON	72.3	<u>22</u>
Well ID: 6601061		

<u>Site</u>

<u>Address</u> lot 1 con 1 ON	<u>Distance (m)</u> 76.3	<u>Map Key</u> 23
Well ID: 6603517		
lot 33 con 2 ON	86.8	<u>25</u>
Well ID: 6601079		
lot 30 con 2 ON	104.0	<u>27</u>
Well ID: 6601056		
lot 1 con 1 ON	124.7	<u>30</u>
Well ID: 6604539		
lot 33 con 2 ON	162.7	<u>34</u>
Well ID: 6601082		
lot 1 con 2 ON	165.1	<u>36</u>
Well ID: 6603590		
lot 1 con 2 ON	189.5	<u>39</u>
Well ID: 6603447		
20134 HWY 3 lot 1 con 2 WAINFLEET ON	203.9	<u>42</u>
Well ID: 7232408		
lot 33 con 2 ON	214.3	<u>44</u>
Well ID: 6601077		
lot 1 con 2 ON	214.9	<u>45</u>
Well ID: 6602166		
lot 33 con 2 ON	226.9	<u>46</u>
Well ID: 6601083		
lot 33 con 2 ON	245.8	<u>52</u>

Address	Distance (m)	<u>Map Key</u>
Well ID: 6601081		
lot 33 con 2 ON	251.9	<u>53</u>
Well ID: 6601084		
ON	272.5	<u>56</u>
Well ID: 6602323		



Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership

79°16'30"W



Aerial Year: 2015

0

Address: Killaly Street west, Port Colborne, ON

250

Order Number: 21112300694



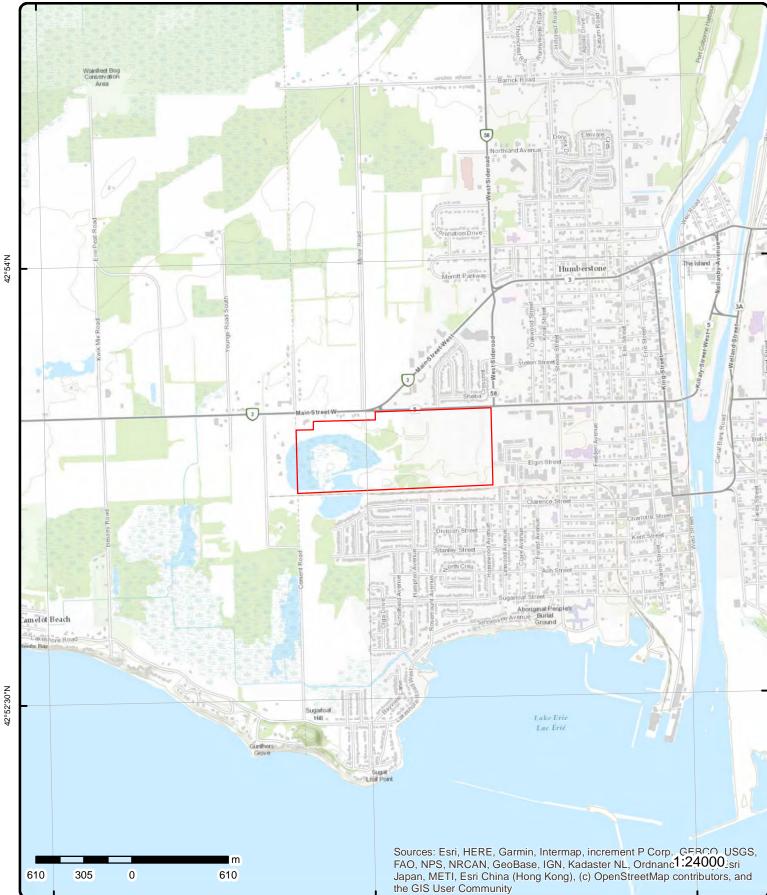
Source: ESRI World Imagery

125

250

GIS User Community

IGN and the



Topographic Map

Order Number: 21112300694



Address: Killaly Street west, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

79°18'W

79°16'30"W

79°15'W

42°54'N

42°52'30"N

Detail Report

Map Key	Number Records		Elev/Diff) (m)	Site		DB
<u>1</u>	1 of 1	W/0.0	179.8/ 0.00	Killaly Street West Port Colborne ON		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit	: ed: e Name:	20130509032 C Custom Report 27-MAY-13 09-MAY-13		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.272862 42.889093	
Lot/Building Additional In		Fire Insur. Maps a	and/or Site Plans			
<u>2</u>	1 of 5	WNW/0.0	179.8 / 0.00	680 Main Street West Port Colborne ON L3		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit Lot/Building Additional In	: ed: re Name: ı Size:	20200529036 C Custom Report 03-JUN-20 29-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.27497435 42.89006104	
<u>2</u>	2 of 5	WNW/0.0	179.8 / 0.00	680 Main Street West Port Colborne ON L3		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In	: ed: re Name: ı Size:	20200529036 C Custom Report 03-JUN-20 29-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.27497435 42.89006104	
<u>2</u>	3 of 5	WNW/0.0	179.8 / 0.00	680 Main Street West Port Colborne ON L3		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In	: ed: re Name: i Size:	20200529036 C Custom Report 03-JUN-20 29-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.27497435 42.89006104	

Map Key	Number Records		Elev/Diff m) (m)	Site		DI
<u>2</u>	4 of 5	WNW/0.0	179.8 / 0.00	680 Main Street West Port Colborne ON L3P	< 5V4	EHS
Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building Additional In	: ed: e Name: Size:	20200529036 C Custom Report 03-JUN-20 29-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.27497435 42.89006104	
<u>2</u>	5 of 5	WNW/0.0	179.8 / 0.00	680 Main Street West Port Colborne ON L3F	(5V4	EHS
Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building Additional In	: ed: e Name: Size:	20200529036 C Custom Report 03-JUN-20 29-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.27497435 42.89006104	
<u>3</u>	1 of 1	E/0.0	180.8 / 1.00	lot 31 con 1 ON		WWI
Well ID: Construction Primary Wat Sec. Water U Final Well St Casing Mate Casing Mate Audit No: Tag: Construction Tag: Construction Method: Elevation Re Depth to Be Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/M Flow Rate: Clear/Cloudy	ter Use: Jse: Jse: erial: erial: n eliability: drock: /Bedrock: /Bedrock: J):	6600905 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/17/1947 True 1915 1 NIAGARA PORT COLBORNE CITY (031 01 CON	
PDF URL (Ma	ар):	https://d2khazk	8e83rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/660\6600	905.pdf
Additional De Well Comple Year Comple Depth (m): Latitude: Longitude: Path:	ted Date:	2) 1947/07/11 1947 9.7536 42.8902696743 -79.265981089 660\6600905.p	4547			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Bore Hole Info	rmation					
Bore Hole ID: DP2BR: Spatial Status	1046063 2.00	39		Elevation: Elevrc: Zone:	181.040420 17	
Code OB: Code OB Desc Open Hole:	r Bedrock			East83: North83: Org CS:	641589.90 4750088.00	
Cluster Kind: Date Complete Remarks:	e d: 11-Jul-1	947 00:00:00		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
Elevrc Desc: Location Source	ce Date: .ocation Source:				F -	
	ocation Method:					
Overburden an Materials Inter						
Formation ID: Layer: Color:		932590182 1				
General Color: Mat1:		05 CLAY				
Most Common Mat2: Mat2 Desc: Mat3:	inateriai:	CLAY				
Mat3 Desc: Formation Top Formation End Formation End	Depth:	0.0 2.0 ft				
<u>Overburden an</u> <u>Materials Inter</u>	d Bedrock					
Formation ID: Layer: Color:		932590183 2				
General Color: Mat1: Most Common Mat2:		15 LIMESTONE				
Mat2 Desc: Mat3: Mat3 Desc:						
Formation Top Formation End Formation End	Depth:	2.0 32.0 ft				
<u>Method of Con</u> <u>Use</u>	struction & Well					
Method Constr Method Constr Method Constr Other Method	ruction Code: ruction:	966600905 1 Cable Tool				

Pipe Information

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pipe ID: Casing No: Comment: Alt Name:		11009209 1				
<u>Constructior</u>	Record - Casing					
Casing ID:		930748179				
Layer: Material:		1 1				
Open Hole of	r Material:	STEEL				
Depth From:		_				
Depth To: Casing Diam	otor:	5 5				
Casing Diam		inch				
Casing Dept		ft				
<u>Constructior</u>	Record - Casing					
Casing ID:		930748180				
Layer: Material:		2 4				
Open Hole of	r Material:	OPEN HOLE				
Depth From:						
Depth To: Casing Diam	otor.	32 5				
Casing Diam		inch				
Casing Dept	h UOM:	ft				
<u>Results of W</u>	ell Yield Testing					
Pump Test IL		996600905				
Pump Set At Static Level:		5.0				
	fter Pumping:	5.0				
Recommend	ed Pump Depth:					
Pumping Rate						
	ed Pump Rate:					
Levels UOM:	•	ft				
Rate UOM: Water State	After Test Code:	GPM 1				
Water State		CLEAR				
Pumping Tes						
Pumping Du Pumping Du	ration HR: ration MIN:					
Flowing:		No				
Water Details	5					
Water ID: Layer:		933948177 1				
Kind Code:		1				
Kind:		FRESH				
Water Found Water Found	Depth: Depth UOM:	32.0 ft				
4	1 of 1	WNW/8.4	179.6 / -0.25	lot 33 con 1		WWIS
				ON		VV VV15
Well ID: Constructior	660091 • Date:	5		Data Entry Status: Data Src:	1	
31	erisinfo.com Env	vironmental Risk Info	rmation Service	S		Order No: 21112300694

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Primary Wate	r Use:	Commerica	al		Date Received:	4/29/1958
Sec. Water Us	se:	0			Selected Flag:	True
Final Well Sta	tus:	Water Sup	oly		Abandonment Rec:	
Water Type:					Contractor:	4720
Casing Materi	ial:				Form Version:	1
Audit No:					Owner:	
Tag:					Street Name:	
Construction					County:	NIAGARA
Elevation (m):					Municipality:	PORT COLBORNE CITY (HUMBERSTONE
Elevation Reli					Site Info:	
Depth to Bedr	ock:				Lot:	033
Well Depth:					Concession:	01
Overburden/B	Sedrock:				Concession Name:	CON
Pump Rate:					Easting NAD83:	
Static Water L					Northing NAD83:	
Flowing (Y/N)					Zone: UTM Reliability:	
Flow Rate: Clear/Cloudy:					OTW Renability.	
clear/cloudy.						
DDE//D/ ///						
PDF URL (Maj	p):	h	ttps://d2khazk8e83	rav.clouatront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/660\6600915.pdf
PDF URL (Maj Additional De			https://d2khazk8e83	rav.clouatront.ne	evmoe_mapping/downloads	s/2water/weils_pats/oo0/oo00915.pat
Additional De	tail(s) (Maj	<u>b)</u>	958/03/20	rav.ciouatront.ne	evmoe_mapping/downloads	s/2water/weils_pais/oo0/oo00915.pai
	<u>tail(s) (Ma</u> j ed Date:	<u>p)</u> 1		rav.ciouarront.ne	et/moe_mapping/downloads	s/2water/weils_puis/oo0/oo00915.pui
Additional De Well Complete	<u>tail(s) (Ma</u> j ed Date:	<u>0)</u> 1 1	958/03/20	rav.ciouarront.ne	et/moe_mapping/downloads	s/2water/weils_puts/660/6600915.put
<u>Additional De</u> Well Complete Year Complete	<u>tail(s) (Ma</u> j ed Date:	<u>0)</u> 1 1 1	958/03/20 958	rav.ciouarront.ne	et/moe_mapping/downloads	s/2water/weils_puts/oo0/oo00915.put
Additional De Well Complete Year Complet Depth (m): Latitude:	<u>tail(s) (Ma</u> j ed Date:	0) 1 1 4 	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		et/moe_mapping/downloads	s/2water/weils_puts/660/6600915.put
Additional De Well Complete Year Complete Depth (m):	<u>tail(s) (Ma</u> j ed Date:	0) 1 1 4 	958/03/20 958 2.4968 2.8910059472251		et/moe_mapping/downloads	s/zwater/weils_pais/oo0/oo00915.pai
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	t <u>ail(s) (Ma</u> j ed Date: ed:	0) 1 1 4 	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		et/moe_mapping/downloads	s/2water/weils_puis/660/6600915.pui
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path: Bore Hole Info	t <u>ail(s) (Maj</u> ed Date: ed: <u>ormation</u>	0) 1 1 4 	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		et/moe_mapping/downloads	179.494888
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID:	t <u>ail(s) (Maj</u> ed Date: ed: <u>ormation</u>	<u>p)</u> 1 1 4 - 6	958/03/20 958 2.4968 2.8910059472251 79.2783663014329			179.494888
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u>	<u>p)</u> 1 1 4 - 6 10460649	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		Elevation: Elevrc: Zone:	179.494888 17
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB:	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u>	<u>p)</u> 1 1 4 - - - - - - - - - - - - - - - - -	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		Elevation: Elevrc: Zone: East83:	179.494888 17 640576.90
Additional De Well Complete Year Complete Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB Dese	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u>	<u>p)</u> 1 1 4 - - 6 10460649 3.00	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		Elevation: Elevrc: Zone: East83: North83:	179.494888 17
Additional De Well Complete Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB Desc Open Hole:	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u>	<u>p)</u> 1 1 4 - - - - - - - - - - - - - - - - -	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		Elevation: Elevrc: Zone: East83: North83: Org CS:	179.494888 17 640576.90 4750149.00
Additional De Well Complete Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u> :: c:	2) 1 1 1 1 4 4 - 6 1 1 4 4 - 6 6 1 1 1 4 0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	179.494888 17 640576.90 4750149.00 9
Additional De Well Complete Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Code OB Dess Open Hole: Cluster Kind: Date Complet	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u> :: c:	2) 1 1 1 1 4 4 - 6 1 1 4 4 - 6 6 1 1 1 4 0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	958/03/20 958 2.4968 2.8910059472251 79.2783663014329		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	179.494888 17 640576.90 4750149.00 9 unknown UTM
Additional De Well Complete Depth (m): Latitude: Longitude: Path: Bore Hole ID: DP2BR: Spatial Status Code OB Spatial Status Code OB Dest Open Hole: Cluster Kind: Date Complet Remarks:	t <u>ail(s) (Ma</u> j ed Date: ed: <u>ormation</u> :: c:	2) 1 1 1 1 4 4 - 6 1 1 4 4 - 6 6 1 1 1 4 0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	179.494888 17 640576.90 4750149.00 9
Additional De Well Complete Depth (m): Latitude: Longitude: Path: Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dess Code OB Dess Code OB Dess Code To Desc Cluster Kind: Date Complete Remarks: Elevrc Desc:	tail(s) (Maj ed Date: ed: <u>prmation</u> :: c: ed:	2) 1 1 1 1 4 4 - 6 1 1 4 4 - 6 6 1 1 1 4 0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	179.494888 17 640576.90 4750149.00 9 unknown UTM
Additional De Well Complete Year Complete Depth (m): Latitude: Longitude: Path: Bore Hole Infe Bore Hole Infe Bore Hole Infe DP2BR: Spatial Status Code OB: Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Soul	tail(s) (Maj ed Date: ed: <u>prmation</u> :: c: ed: rce Date:	20) 10460649 3.00 r Bedrock 20-Mar-198	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	179.494888 17 640576.90 4750149.00 9 unknown UTM
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path: Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB: Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soui Improvement	tail(s) (Maj ed Date: ed: <u>ormation</u> c: c: ed: rce Date: Location S	<u>p)</u> 1 1 1 4 - 6 10460649 3.00 r Bedrock 20-Mar-198 Source:	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	179.494888 17 640576.90 4750149.00 9 unknown UTM
Additional De Well Complete Year Complete Depth (m): Latitude: Longitude: Path: Bore Hole Infe Bore Hole Infe Bore Hole Infe DP2BR: Spatial Status Code OB: Code OB: Code OB Dess Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Soul	tail(s) (Maj ed Date: ed: <u>ormation</u> c: c: ed: c: c: c: c: c: c: c: c: c: c: c: c: c:	<u>p)</u> 1 1 1 1 1 1 1 1 1 1 1 1 1	958/03/20 958 2.4968 2.8910059472251 79.2783663014329 60\6600915.pdf		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	179.494888 17 640576.90 4750149.00 9 unknown UTM

Overburden and Bedrock Materials Interval

Formation ID:	932590204
Layer: Color:	I
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID Layer: Color:		932590205 2			
General Colo Mat1:	or:	15			
Most Commo Mat2: Mat2 Desc:	on Material:	LIMESTONE			
Mat3: Mat3 Desc:	an Danth.	3.0			
Formation To Formation El Formation El	nd Depth: nd Depth: nd Depth UOM:	41.0 ft			
<u>Method of Co</u> Use	onstruction & Well				
Method Cons	struction ID: struction Code:	966600915 1			
Method Cons		Cable Tool			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		11009219 1			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930748195			
Layer:		1			
Material: Open Hole o	r Mətorial:	1 STEEL			
Depth From:		SILL			
Depth To:		6			
Casing Diam Casing Diam	eter: eter UOM·	6 inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930748196			
Layer: Material:		2 4			
Open Hole of Depth From:		OPEN HOLE			
Depth To: Casing Diam	eter:	41 6			
Casing Diam Casing Dept	eter UOM:	inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	D:	996600915			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At	t:				
Static Level:	,	21.0			
Final Level A	After Pumping:	40.0			
Recommend	led Pump Depth:				
Pumping Ra	te:	4.0			
Flowing Rate					
	led Pump Rate:				
Levels UOM		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du		0			
Pumping Du		30			
Flowing:		No			
Water Detail	<u>s</u>				
Water ID:		933948187			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	d Depth:	41.0			
	· · · · · · · · · · · · · · · · · · ·				

<u>5</u>	1 of 1	NW/11.2	179.8 / 0.00	lot 33 con 1 ON	WWIS
Well ID: Constructi	ion Date:	6600916		Data Entry Status: Data Src:	1
Primary W	ater Use:	Domestic		Date Received:	7/11/1958
Sec. Water	r Use:	0		Selected Flag:	True
Final Well	Status:	Water Supply		Abandonment Rec:	
Water Typ				Contractor:	2526
Casing Ma	terial:			Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
	ion Method:			County:	NIAGARA
Elevation (. ,			Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
	Reliability:			Site Info:	
Depth to B				Lot:	033
Well Depth				Concession:	01
	en/Bedrock:			Concession Name:	CON
Pump Rate				Easting NAD83:	
Static Wat				Northing NAD83:	
Flowing (Y				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Clou	ıdy:				

PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600916.pdf$

Additional Detail(s) (Map)

Water Found Depth UOM:

ft

Well Completed Date:	1958/06/17
Year Completed:	1958
Depth (m):	7.3152
Latitude:	42.8910408822276
Longitude:	-79.2753036678881
Path:	660\6600916.pdf

Bore Hole Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Bore Hole ID: DP2BR:		0650		Elevation:	180.026336	
Spatial Status	2.00			Elevrc: Zone:	17	
Code OB:	r			East83:	640826.90	
Code OB Desc		ock		North83:	4750158.00	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	9	
Date Complete	ed: 17-J	un-1958 00:00:00		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:						
Location Sour						
Improvement	Location Source	e:				
	Location Metho	d:				
Source Revisi						
Supplier Com	ment:					
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID:		932590206				
Layer:		1				
Color:						
General Color	:					
Mat1:		05				
Most Common	n Material:	CLAY				
Mat2:						
Mat2 Desc:						
Mat3: Mat3 Desc:						
Formation Top	Denth:	0.0				
Formation End		2.0				
Formation End		ft				
<u>Overburden al</u> Materials Inter						
Formation ID:		932590207				
Layer:		2				
Color:						
General Color	:					
Mat1:		15				
Most Commor	n Material:	LIMESTONE				
Mat2:						
Mat2 Desc:						
Mat3: Mat3 Desc:						
	Donth	2.0				
Formation Top Formation End	Depth:	2.0 24.0				
Formation End		24.0 ft				
r ormation En	i Depai oom.	R .				
<u>Method of Cor</u> <u>Use</u>	nstruction & We	<u>11</u>				
Method Const	ruction ID:	966600916				
Method Const		1				
Method Const Other Method	ruction: Construction:	Cable Tool				
Pipe Informati						
Pipe ID:		11009220				
Casing No:		1				

Comment: Alt Name:

Construction Record - Casing

Casing ID:	930748197
Layer:	1
Material:	1
<i>Open Hole or Material: Depth From: Depth To:</i>	STEEL 6
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930748198
Layer:	2
Material:	4
Open Hole or Material: Depth From: Depth To:	OPEN HOLE 24
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996600916
Pump Set At:	
Static Level:	9.0
Final Level After Pumping:	11.0
Recommended Pump Depth:	
Pumping Rate:	5.0
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:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948188 1
Layer: Kind Code:	1
Kind: Water Found Depth:	FRESH 24.0
Water Found Depth UOM:	ft

<u>6</u> 1 of 1	WNW/22.4	179.8 / 0.00	lot 33 con 1 ON		wwis
Well ID: Construction Date:	6603064		Data Entry Status: Data Src:	1	
Primary Water Use: Sec. Water Use:	Domestic 0		Date Received: Selected Flag:	6/12/1975 True	

Map Key	Number Records		<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site	DB
Final Well Sta	atus:	Water Supp	ly		Abandonment Rec:	
Water Type:			-		Contractor:	3571
Casing Mater	rial:				Form Version:	1
Audit No:					Owner:	
Tag:					Street Name:	
Construction	n Method:				County:	NIAGARA
Elevation (m):				Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation Re	liability:				Site Info:	, ,
Depth to Bea	•				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	<i>'</i> :				•	
PDF URL (Ma	ap):	ht	tps://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/660\6603064.pdf

Additional Detail(s) (Map)

 Well Completed Date:
 1975/05/19

 Year Completed:
 1975

 Depth (m):
 9.144

 Latitude:
 42.8911366769626

-79.2768808177668

660\6603064.pdf

Bore Hole Information

Longitude: Path:

Bore Hole ID: DP2BR:	10462682 1.00	Elevation: Elevrc:	180.149444
Spatial Status:		Zone:	17
Code OB:	r	East83:	640697.90
Code OB Desc:	Bedrock	North83:	4750166.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	19-May-1975 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date Improvement Location Improvement Location Source Revision Com	n Source: n Method:		

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932596834 1 8 BLACK 02 TOPSOIL
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 1.0 ft

• •	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden and Materials Interval					
Formation ID:		932596835			
Layer:		2			
Color:		2			
General Color: Mat1:		GREY 15			
Most Common M	aterial:	LIMESTONE			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation Top D		1.0			
Formation End D	epth:	30.0			
Formation End D	epth UOM:	ft			
<u>Method of Consti Use</u>	ruction & Well				
Method Construct	tion ID:	966603064			
Method Construc	tion Code:	1			
Method Construct Other Method Co		Cable Tool			
Pipe Information					
Pipe ID:		11011252			
Casing No:		1			
Comment:					
Alt Name:					
Construction Red	cord - Casing				
Casing ID:		930751815			
Layer:		1			
Material: Open Hole or Ma	torial:	1 STEEL			
Depth From:	lenai.	SILL			
Depth To:		10			
Casing Diameter: Casing Diameter		6 inch			
Casing Depth UC	ООМ:)М:	ft			
Construction Red	cord - Casing				
Casing ID:		930751816			
Layer:		2			
Material:	torial	4 OPEN HOLE			
Open Hole or Ma Depth From:					
Depth To:		30			
Casing Diameter		6			
Casing Diameter Casing Depth UC	UOM:)М:	inch ft			
Results of Well Y	<u>'ield Testing</u>				
Pump Test ID:		996603064			
Pump Set At:		10.0			
Static Level:		12.0			

Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
fter Pumping:	25.0				
e:	10.0				
	10.0				
· · · · · · · · · · · · · · · · · · ·	ft				
	GPM				
	2				
	1				
ation MIN:	0				
	No				
Recovery					
etail ID:	934342413				
	Recovery				
):					
ОМ:	ft				
Recovery					
atail ID:	934610199				
stan ib.					
1:	30				
	12.0				
DM:	ft				
Recovery					
etail ID:	934864396				
	Recovery				
1:					
OM:	12.0 ft				
Recovery					
etail ID:	935128751 Decement				
	,				
ОМ:	ft				
	933950305				
	1				
	1				
Denth:					
Depth UOM:	ft				
1 of 1	NW/26.8	179.8 / 0.00	lot 33 con 1 ON		wwis
6600	914		Data Entry Status:		
Date:	estic		Data Src: Date Received:	1 7/23/1951	
	Records fter Pumping: ad Pump Depth: e: ad Pump Rate: ation Recovery etail ID: ation IID: ation ID: ation ID:	Records Distance (m) fter Pumping: 25.0 ei 10.0 fter Test Code: if Method: 2 ation MIN: 0 No No ation MIN: 0 Mathematication MIN: 0 No No ation MIN: 934342413 Recovery 15 12.0 ft ation MIN: 934610199 Recovery 12.0 M: ft ation D: 934864396 Recovery 12.0 M: ft ation ID: 935128751 Recovery 12.0 M: 12.0 M: 1 ation ID: 933950305 <t< td=""><td>Records Distance (m) (m) fter Pumping: 25.0 27.0 e: 10.0 10.0 e: 2 10.0 e: 10.0 10.0 i: 2 10.0 etailon MR: 1 10.0 ation MR: 1 1 ation MN: 0 No etail ID: 9344342413 Recovery etail ID: 934610199 Recovery etail ID: 934610199 Recovery etail ID: 934864396 Recovery etail ID: 935128751 Recovery etail ID: 935128751 State 1000000000000000000000000000000000000</td><td>Records Distance (m) (m) ther Pumping: 25.0 ad Pump Depth: 27.0 s: 10.0 s: 10.0 s: 10.0 s: 10.0 ged Pump Rate: 10.0 iff GPM Wither Test Code: Image: Constraint of the second of the s</td><td>Records Distance (m) (m) ther Pumping: 25.0 of Pump Depth: 25.0 i: 10.0 i: 10.0 i: 0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0 i: 12.0 M: t : 93350305</td></t<>	Records Distance (m) (m) fter Pumping: 25.0 27.0 e: 10.0 10.0 e: 2 10.0 e: 10.0 10.0 i: 2 10.0 etailon MR: 1 10.0 ation MR: 1 1 ation MN: 0 No etail ID: 9344342413 Recovery etail ID: 934610199 Recovery etail ID: 934610199 Recovery etail ID: 934864396 Recovery etail ID: 935128751 Recovery etail ID: 935128751 State 1000000000000000000000000000000000000	Records Distance (m) (m) ther Pumping: 25.0 ad Pump Depth: 27.0 s: 10.0 s: 10.0 s: 10.0 s: 10.0 ged Pump Rate: 10.0 iff GPM Wither Test Code: Image: Constraint of the second of the s	Records Distance (m) (m) ther Pumping: 25.0 of Pump Depth: 25.0 i: 10.0 i: 10.0 i: 0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0.0 i: 0 i: 12.0 M: t : 93350305

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Sec. Water Us		ommerical		Selected Flag:	True
Final Well Sta	tus: Wa	ater Supply		Abandonment Rec:	
Water Type:				Contractor:	3204
Casing Materi	al:			Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction	Method:			County:	NIAGARA
Elevation (m):				Municipality:	PORT COLBORNE CITY (HUMBERSTONE
Elevation Réli	ability:			Site Info:	, ,
Depth to Bedr				Lot:	033
Well Depth:				Concession:	01
Overburden/B	edrock:			Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water L	evel:			Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:	•			UTM Reliability:	
Clear/Cloudy:				OTM Reliability.	
PDF URL (Maj	o):	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads/	/2Water/Wells_pdfs/660\6600914.pdf
Additional De	tail(s) (Map)				
Well Complete	ed Date:	1950/03/15			
Year Complete		1950			
Depth (m):		7.3152			
Latitude:		42.891182318359	1		
Longitude:		-79.275128272467			
Path:		660\6600914.pdf	~		
Bore Hole Info		1000.10		-	400.000450
Bore Hole ID:	10 4.(0460648		Elevation:	180.002456
DP2BR:		50		Elevrc:	17
Spatial Status				Zone:	17
Code OB:	r Do	drool		East83:	640840.90
Code OB Dese	c: Be	edrock		North83:	4750174.00
Open Hole:				Org CS:	<u>_</u>
Cluster Kind:				UTMRC:	9
	ed: 15	5-Mar-1950 00:00:00		UTMRC Desc:	unknown UTM
•				Location Method:	p9
Remarks:					
Remarks: Elevrc Desc:					
Remarks: Elevrc Desc: Location Sour					
Improvement	Location Sour Location Methion Comment:	hod:			
Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u>	hod:			
Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> r <u>val</u>	hod:			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> r <u>val</u>	hod:			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> r <u>val</u>	hod: 932590203			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> r <u>val</u>	hod: 932590203			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> r <u>val</u>	hod: 932590203			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	hod: 932590203 2 15			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Overburden a</u> <u>Overburden a</u> <u>Source Revisi</u> Source Revisi Comation ID: Layer: Color: General Color Mat1: Most Common	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	hod: 932590203 2			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	hod: 932590203 2 15 LIMESTONE 17			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	hod: 932590203 2 15 LIMESTONE			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	hod: 932590203 2 15 LIMESTONE 17			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden an</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc:	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u> : n Material:	932590203 2 15 LIMESTONE 17 SHALE			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden an</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Toj	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u> : n Material: o Depth:	hod: 932590203 2 15 LIMESTONE 17 SHALE 4.0			
Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Commoi Mat2 Desc: Mat3 Desc: Formation Top Formation Em	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u> : n Material: p Depth: d Depth:	hod: 932590203 2 15 LIMESTONE 17 SHALE 4.0 24.0			
Remarks: Elevrc Desc: Location Sour mprovement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2 Desc: Mat3 Desc: Mat3 Desc: Formation Top Formation End	Location Sour Location Meth ion Comment: ment: <u>nd Bedrock</u> <u>rval</u> : n Material: o Depth:	hod: 932590203 2 15 LIMESTONE 17 SHALE 4.0 24.0			

Overburden and Bedrock	
<u>Materials Interval</u>	
Formation ID:	932590202
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc: Mat3:	
Mats. Mats Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	966600914
Method Construction ID: Method Construction Code:	966600914
Method Construction:	Cable Tool
Other Method Construction:	
Pipe Information	
<u>ripe information</u>	
Pipe ID:	11009218
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930748193
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	6
Depth To: Casing Diameter:	6 6
Casing Diameter UOM:	o inch
Casing Depth UOM:	ft
cacing popul dom.	
Construction Record - Casing	
Casing ID:	930748194
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	24
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump	Test ID:	
Pump	Set At:	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Static Level: Final Level At Recommende Pumping Rate Flowing Rate	ed Pump De e:		15.0			
Recommende		te:				
Levels UOM:	•		ft			
Rate UOM:			GPM			
Water State A Water State A		ode:	1 CLEAR			
Pumping Tes			OLLAN			
Pumping Dur						
Pumping Dur	ation MIN:		Na			
Flowing:			No			
Water Details						
Water ID:			933948186			
Layer:			1			
Kind Code: Kind:			1 FRESH			
Water Found	Depth:		16.0			
Water Found		!:	ft			
<u>8</u>	1 of 1		WNW/30.6	179.8 / 0.00		PORT COLBORNE lot 33 con
					1 PORT COLBORNE C	DN
Well ID:		7262353			Data Entry Status:	
Construction					Data Src:	
Primary Wate		Domestic	:		Date Received:	5/3/2016
Sec. Water Us Final Well Sta		Water Su	nnly		Selected Flag: Abandonment Rec:	True
Water Type:	ilus.	water ou	ppiy		Contractor:	2123
Casing Mater	ial:				Form Version:	7
Audit No:		Z196186			Owner:	
Tag: Construction	Mathadi	A170748			Street Name: County:	722 MAIN ST WEST PORT COLBORNE NIAGARA
Elevation (m)					Municipality:	PORT COLBORNE CITY (HUMBERSTONE
Elevation Rel					Site Info:	UTM4750173
Depth to Bed					Lot:	033
Well Depth:					Concession:	01
Overburden/E Pump Rate:	Bedrock:				Concession Name: Easting NAD83:	CON
Static Water L	Level:				Northing NAD83:	
Flowing (Y/N)					Zone:	
Flow Rate: Clear/Cloudy:	:				UTM Reliability:	
PDF URL (Ma	p):		https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/726\7262353.pdf
Additional De	etail(s) (Map)				
Well Complet	ed Date:		2016/04/14			
Year Complet			2016/04/14 2016			
Depth (m):			24.6888			
Latitude:			42.8912086958702			
Longitude:			-79.2774776749917	•		
Path:			726\7262353.pdf			

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Bore Hole ID:	10059	53082		Elevation:	179.637420	
DP2BR:				Elevrc:		
Spatial Status	:			Zone:	17	
Code OB:	•			East83:	640649.00	
Code OB Des	2:			North83:	4750173.00	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ad: 14-An	r-2016 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:	eu. 14-Api	1-2010 00.00.00		Location Method:	wwr	
Elevrc Desc:				Location Method.	WWI	
Location Sour	ina Datai					
	Location Source:					
	Location Method:					
	on Comment:					
Supplier Com	ment:					
Overburden a						
Materials Inter	<u>rval</u>					
Formation ID:		1006072309				
Layer:		2				
Color:		2				
General Color	:	GREY				
Mat1:	•	15				
Most Commo	n Material:	LIMESTONE				
Mat2:						
Mat2 Desc:						
Mat3:						
Mat3 Desc:						
Formation Top	n Donth:	2.5				
Formation En		81.0				
	d Depth UOM:	ft				
Overburden a	nd Bedrock					
Materials Inter	rval					
Formation ID:		1006072308				
Layer:		1				
Color:		6				
General Color		BROWN				
Mat1:		05				
Most Commo	n Material:	CLAY				
Mat2:						
Mat2 Desc:						
Mat3:						
Mat3 Desc:						
Formation Top	o Depth:	0.0				
Formation En		2.5				
	d Depth UOM:	ft				
Annular Space Sealing Recor	e/Abandonment rd					
Plug ID:		1006072344				
Layer:		1				
Plug From:		0				
Plug To:		20				
Plug Depth U	OM:	ft				

Use

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons		1006072343			
Method Cons	struction Code: struction: d Construction:	5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1006072306			
Casing No: Comment: Alt Name:		0			
<u>Construction</u>	n Record - Screen				
Screen ID: Layer: Slot:		1006072315			
Screen Top I Screen End I Screen Mate	Depth:				
Screen Depti Screen Diam Screen Diam	h UOM: eter UOM:	ft inch			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	: Ifter Pumping: ed Pump Depth: te: ed Pump Rate: After Test Code: After Test: After Test: st Method: ration HR: ration MIN:	1006072307 50.0 10.399999961853027 36.09999847412105 35.0 4.0 5.0 ft GPM 1 CLEAR 0 1 0 No			
	-				
Pump Test D Test Type:	etail ID:	1006072322 Draw Down			
Test Duration	n:	4			
Test Level: Test Level U	ОМ:	24.0 ft			
Draw Down &	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072326 Draw Down 10 27.0 ft			

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072316 Draw Down 1 14.699999809265137 ft	7		
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072330 Draw Down 20 34.0 ft			
Draw Down a	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072336 Draw Down 40 35.599998474121094 ft	1		
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072337 Recovery 40 10.800000190734863 ft	3		
<u>Draw Down 8</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072339 Recovery 50 10.800000190734863 ft	3		
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072321 Recovery 3 17.0 ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1006072324 Draw Down 5 25.0 ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level:		1006072327 Recovery 10 14.899999618530273	3		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level U	ОМ:	ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	1006072329				
Test Type:		Recovery				
Test Duration	n:	15	7			
Test Level: Test Level U	ОМ:	14.60000038146972 ft	1			
Draw Down &	& Recovery					
Pump Test D	etail ID:	1006072333				
Test Type:		Recovery				
Test Duration	n:	25				
Test Level:		12.39999961853027	3			
Test Level U	OM:	ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	1006072319				
Test Type: Test Duration		Recovery				
Test Level:	n:	2 20.0				
Test Level U	ОМ:	ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	1006072332				
Test Type:		Draw Down				
Test Duration	n:	25				
Test Level: Test Level U	ОМ·	35.20000076293945 ft				
<u>Draw Down 8</u>	<u>& Recovery</u>					
Pump Test D	etail ID:	1006072335				
Test Type:		Recovery				
Test Duration	n:	30				
Test Level: Test Level U	ОМ:	12.0 ft				
Draw Down &	& Recovery					
Pump Test D		1006072340				
Test Type:	cui ib.	Draw Down				
Test Duration	n:	60				
Test Level:		36.099998474121094	4			
Test Level U	OM:	ft				
Draw Down &	& Recovery					
Pump Test D	Detail ID:	1006072334				
Test Type:		Draw Down				
Test Duration Test Level:	n:	30 35.29999923706055				
Test Level U	ОМ:	ft				
<u>Draw Down 8</u>	& Recovery					
	erisinfo.com I Er	nvironmental Risk Infor	mation Service	25	Order No.	21112300694
46				,5	Order NO.	21112300034

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test De	etail ID:	1006072320			
Test Type:		Draw Down			
Test Duration Test Level:	12	3 22.0			
Test Level UC	DM:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072323			
Test Type:		Recovery			
Test Duration Test Level:		4 16.0			
Test Level UC	DM:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test De	atail ID:	1006072328			
Test Type:		Draw Down			
Test Duration	:	15			
Test Level:		32.40000152587890	06		
Test Level UC	DM:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072331			
Test Type:		Recovery			
Test Duration Test Level:):	20	7		
Test Level: Test Level UC	о <i>м-</i>	13.19999980926513 ft	57		
		i.			
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072338			
Test Type:		Draw Down			
Test Duration		50			
Test Level: Test Level UC	<i>M</i> -	36.0 ft			
Test Level OC	<i></i>	it.			
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072341			
Test Type:		Recovery			
Test Duration		60	20		
Test Level: Test Level UC	DM:	10.80000019073486 ft	55		
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072318			
Test Type:		Draw Down			
Test Duration		2			
Test Level:		19.0			
Test Level UC	DM:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test De	etail ID:	1006072317			
Test Type:		Recovery			
Test Duration) -	1			

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level: Test Level UG	ОМ:	27.0 ft			
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type: Test Duratior Test Level: Test Level U(n:	1006072325 Recovery 5 15.0 ft			
Water Details	i				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		1006072312 1 8 Untested 35.0 t			
Water Details	i				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		1006072313 2 8 Untested 77.0 ft			
Hole Diamete	<u>ər</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006072311 6.0 20.0 80.0 ft inch			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006072310 10.0 0.0 20.0 ft inch			
<u>9</u>	1 of 1	NNE/34.8	179.8 / 0.00	lot 32 con 2 ON	WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	Date: er Use: se: atus: rial: Method:	6601072 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	1 4/12/1948 True 3017 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	rock: Bedrock: Level: I:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	032 02 CON
PDF URL (Ma	p):	https://d2khazk8e83r	dv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/660\6601072.pd
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1948/01/10 1948 15.8496 42.8917549609662 -79.2713035599058 660\6601072.pdf			
Bore Hole Inf	ormation				
Improvement	4.00 s: rc: Bec ted: 10- rce Date: Location Sourc Location Metho ion Comment:	drock Jan-1948 00:00:00 c e:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	180.306045 17 641151.90 4750244.00 9 unknown UTM p9
<u>Overburden a</u> Materials Inte					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth:	932590525 2 1 WHITE 15 LIMESTONE 4.0 52.0 ft			
Overburden a	and Bedrock erval				
Materials Inte					

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo	or:				
Mat1:		05			
Most Commo Mat2:	on Materiai:	CLAY 09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation E	na Deptn: nd Depth UOM:	4.0 ft			
	na Depin COM.	it.			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons		966601072			
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		11009376			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930748502			
Layer: Material:		2 4			
Open Hole of	r Material:	OPEN HOLE			
Depth From:		0			
Depth To:		52			
Casing Diam		6			
Casing Diam Casing Deptl		inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930748501			
Layer: Material:		1			
Open Hole of	r Material:	STEEL			
Depth From:					
Depth To:		6			
Casing Diam		6 inch			
Casing Diam Casing Deptl		inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL		996601072			
Pump Set At.		40.0			
Static Level:	fter Pumping:	18.0 48.0			
	ed Pump Depth:	10.0			
Pumping Rat	te:	5.0			
Flowing Rate):				
	ed Pump Rate:	5.0			
Levels UOM: Rate UOM:		ft GPM			
		GEINI			
	originfo.com Env	ironmental Risk Info	rmation Sarvia		Order No: 21112300694

Мар Кеу	Numbel Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State / Water State / Pumping Tes Pumping Du Pumping Du Flowing:	After Test: st Method: ration HR:	(1 1 (CLEAR 1 1			
Water Details	<u>S</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found		1 1 F 5	1 FRESH 52.0			
<u>10</u>	1 of 1		NW/36.7	179.8 / 0.00	lot 33 con 1 ON	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: atus: rial: n Method:): liability: liability: liability: Bedrock: Bedrock: Level:):	6600913 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/12/1948 True 3017 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE) 033 01 CON
PDF URL (Ma	ap):	ł	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/660\6600913.pdf
Additional De	etail(s) (Ma	<u>o)</u>				
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:		1 1 4 -	1948/02/12 1948 17.0688 42.891269969578 79.275566710146 560\6600913.pdf			

Bore Hole Information

Bore Hole ID: DP2BR:	10460647 2.00	Elevation: Elevrc:	180.145172
Spatial Status:		Zone:	17
Code OB:	r	East83:	640804.90
Code OB Desc:	Bedrock	North83:	4750183.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12-Feb-1948 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
	Location Source: Location Method: on Comment:				
<u>Overburden a</u> Materials Inter					
Formation ID: Layer: Color: General Color		932590199 1			
Mat1: Most Commor Mat2: Mat2 Desc: Mat3:		05 CLAY			
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	0.0 2.0 ft			
Overburden al Materials Inter					
Formation ID: Layer: Color: General Color		932590201 3			
Mat1: Most Commor Mat2: Mat2 Desc: Mat3:		19 SLATE			
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	38.0 56.0 ft			
Overburden al Materials Inter					
Formation ID: Layer: Color: General Color	·	932590200 2			
Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n Material:	15 LIMESTONE			
Mats Desc: Formation Top Formation End Formation End	d Depth:	2.0 38.0 ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const	ruction ID:	966600913			

Method Construction: Cable Tool Other Method Construction: Cable Tool Other Method Construction:	Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	L
Pipe ID: 1009217 Casing Io: 1 Construction Record - Casing 1 Casing ID: 393748191 Upper: 1 Material: 1 Open Hole on Material: 1 Depth Form: 3 Casing Diameter: 6 Casing Diameter:<	Method Construction:	Cable Tool			
Casing Po: 1 Casing ID: 930748191 Layer: 1 Material: 1 Open Hole or Material: 5TEEL Depth To: 3 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 8 Casing Casing Casing Casing Casing Casing Casing Casing Casing	Pipe Information				
Casing Po: 1 Casing ID: 930748191 Layer: 1 Material: 1 Open Hole or Material: 5TEEL Depth To: 3 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 7 Casing ID: 930748192 Casing Diameter: 8 Casing Casing Casing Casing Casing Casing Casing Casing Casing	Pipe ID:	11009217			
Casing ID: 930748191 Layer: 1 Open Hole or Material: STEEL Depth From: 3 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 930748192 Layer: 2 Material: 4 Open Hole or Material: 0PEN HOLE Depth from: 2 Material: 4 Open Hole or Material: 0PEN HOLE Depth from: 56 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter UOM: 1 Pup	Casing No: Comment:				
Layer 1 Material: 1 Open Hole or Material: STEEL Dapth For: 3 Casing Diameter: 6 Casing Diameter: 7 Casing Diameter: 2 Ager: 2 Ager: 2 Open Hole or Material: OPEN HOLE Depth For: 5 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter: 6 Pumpip Set Di: 996	Construction Record - Casi	ing			
Layer: 1 Open Hole or Material: STEEL Open Hole or Material: STEEL Depth From: 3 Casing Diameter: 6 Casing Diameter UOM: inch Casing Diameter UOM: it Casing Diameter UOM: it Casing Diameter UOM: it Casing Diameter UOM: 1 Casing Diameter: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth from: 56 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter UOM: 1	Casing ID:	930748191			
Open Haterial: STEEL Depth From: Depth From: Casing Diameter: 6 Casing Diameter: inch Casing Diameter: inch Casing Diameter: 930748192 Layer: 2 Advantable OPEN HOLE Depth From: 2 Open Hole or Material: OPEN HOLE Depth From: 5 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter: 1 Casing Diameter: 1 Casing Diameter: 1 Pump Set ID: 996600913 Pumping Rate: 5.0 Flowing Rate: 5.0 Flowing Rate: 5.0 Flowing Rate: 6 Pumping Rate: 5.0 Flowing Ra	Layer:	1			
Depth From: 9 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Casing Diameter: 1 Casing Diameter: 1 Casing Diameter: 930748192 Casing ID: 930748192 Layer: 2 Material: 4 Open Hole or Material: 0 Open Hole or Material: 0 Open Hole or Material: 0 Depth Tor: 56 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 1 Resoutts of Well Yield Testing 1					
Depth To: 3 Casing Diameter: 6 Casing Diameter: inch Casing Diameter: inch Casing Diameter: 0 Casing Diameter: 930748192 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth Form 5 Casing Diameter: 6 Casing Diameter: 10 Casing Diameter: 6 Casing Diameter: 10 Casing Diameter: 10 Casing Diameter: 6 Casing Diameter: 10 Pump Set M: 10 Pumping Ret: 5.0 Flowing Ret: 10 Pumping Ret: </td <td></td> <td>STEEL</td> <td></td> <td></td> <td></td>		STEEL			
Casing Diameter: 6 Casing Diameter UOM: inch Casing Depth UOM: it Casing Direct Casing Construction Record - Casing Casing Direct Casing Casing Direct Casing Casing Direct Casing Depth To: 2 Depth To: 5 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: it Results of Well Yield Testing Pump Set At: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth Test Casing Diameter: 5 Casing Diameter: 5 Static Level: 18.0 Final Level After Set Code: 15 Recommended Pump Rate: 5 Levels UOM: 15 Recommended Pump Rate: 7 Levels UOM: 16 Recommended Pump Rate: 7 Levels UOM: 17 Pumping Test Method: 1 Pumping Te		3			
Casing Dameter UOM: inch Casing Depth UOM: it Casing Depth UOM: it Casing D: 930748192 Layer: 2 Casing D: 2 Material: 4 Open Hole or Material: 0 Depth Form: 56 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter UOM: inch Casing Diameter UOM: it Results of Well Yield Testing Pump Test ID: 996600913 Pump Set At: 50 Static Level: 18.0 Final Level Atter Pumping: 43.0 Recommended Pump Depth: Pumping Rate: 5.0 Final Level Atter Est: Recommended Pump Rate: 5.0 Final Level Atter Test: U Pumping Test ID: GPM Water State Atter Test: U Pumping Duration MR: 0 Flowing Rate: 1 Pumping Duration MR: 0 Flowing: No Water Diction MR: 0 Flowing: No	Deptin To. Casing Diameter:				
Casing Depth UOM: t Casing Depth UOM: 300748192 Layer: 2 Material: 4 Qoen Hole or Material: OPEN HOLE Depth From:					
Casing JD: 2 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth Toron: 56 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 00M: 1nch Casing Depth UOM: 1t Results of Well Yield Testing Pump Test JD: 996600913 Pump Set At: 5 Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: 7 Pumping Rate: 5.0 Final Level After Test Code: 5 Water State After Test: FU Pumping Duration HR: 1 Pumping Duration MIN: 0 Fiowing: No Water Details Water Details Water State S					
Layer 2 Material: 4 Open Hole or Material: OPEN HOLE Depth Trom:	Construction Record - Casi	ing			
Layer 2 Material: 4 Open Hole or Material: OPEN HOLE Depth Trom:	Casing ID:	930748192			
Material: 4 Open Hole or Material: OPEN HOLE Depth From: Bepth From: Casing Diameter: 6 Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Depth UOM: ft Results of Well Yield Testing Pump Set M: Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: Pumping Rate: 5.0 Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: ft Rate UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test Code: Water State After Test Code: Water State Method: 1 Pumping Duration MIN: 0 Flowing: No Water D: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water State Stat					
Depth From:Depth To:56Casing Diameter:6Casing Diameter:1000000000000000000000000000000000000		4			
Depth 70: 56 Casing Diameter: 6 Casing Diameter UOM: inch Casing Depth UOM: t Results of Well Yield Testing Pump Test D: 996600913 Pump Set At: Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: Pumping Rate: 5.0 Flowing Rate: Recommended Pump Rate: Levels UOM: t Water State After Test: Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details Water Code: 1 Water Code: 1 Kind: FRESH Water State 1 Kind: FRESH		OPEN HOLE			
Casing Diameter: 6 Casing Diameter UOM: inch Casing Depth UOM: ft Results of Well Yield Testing Pump Test ID: 996600913 Pump Set At: 18.0 Final Level After Pumping: 43.0 Final Level After Pumping: 43.0 Recommended Pump Depth: Pumping Rate: 5.0 Fiowing Rate: 5.0 Fiowing Rate: 6 Levels UOM: ft Rate UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test Code: Pumping Test Method: 1 Pumping Test Method: 1 Pumping Test Method: 1 Pumping Turation MIN: 0 Fiowing: No Water DetailS Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH					
Casing Diameter UOM: inch Casing Depth UOM: ft Results of Well Yield Testing Pump Test ID: 996600913 Pump Set At: Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: Pumping Rate: 5.0 Flowing Rate: 5.0 Flowing Rate: E Levels UOM: ft Rate UOM: GPM Water State After Test: Gode: Water State After Test: 9 Pumping Duration MIN: 0 Flowing: No Water Details Water Details Water State					
Casing Depth UOM: ft Results of Well Yield Testing Pump Test ID: 996600913 Pump Set At: Static Level: Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: Pumping Rate: Pumping Rate: 5.0 Flowing Rate: Flowing Rate: Recommended Pump Rate: It Levels UOM: GPM Water State After Test Code: Water State After Test: Pumping Test Method: 1 Pumping Duration MIN: 0 Flowing: No Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water FD: 56.0					
Pump Test ID: 996600913 Pump Set At:					
Pump Set At: 18.0 Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: - Pumping Rate: 5.0 Flowing Rate: - Recommended Pump Rate: - Levels UOM: ft Rate UOM: GPM Water State After Test Code: - Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details - Water ID: 933948185 Layer: 1 Kind: FRESH Water Found Depth: 5.0	Results of Well Yield Testin	g			
Pump Set At: 18.0 Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: - Pumping Rate: 5.0 Flowing Rate: - Recommended Pump Rate: - Levels UOM: ft Rate UOM: GPM Water State After Test Code: - Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details - Water ID: 933948185 Layer: 1 Kind: FRESH Water Found Depth: 5.0	Pump Test ID:	996600913			
Static Level: 18.0 Final Level After Pumping: 43.0 Recommended Pump Depth: - Pumping Rate: 5.0 Flowing Rate: - Recommended Pump Rate: - Levels UOM: ft Rate UOM: GPM Water State After Test Code: - Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water ID: 933948185 Layer: 1 Kind: FRESH Water Found Depth: 56.0					
Recommended Pump Depth: 5.0 Pumping Rate: 5.0 Recommended Pump Rate: 5.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 5.0 Water State After Test: 7 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0		18.0			
Pumping Rate:5.0Flowing Rate:					
Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test: Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0					
Recommended Pump Rate: it Levels UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test: Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details Vater ID: Mater ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0		5.0			
Levels UOM:ftRate UOM:GPMWater State After Test Code:Water State After Test:Pumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:NoWater DetailsWater ID:933948185Layer:1Kind Code:1Kind:FRESHWater Found Depth:56.0	Recommended Pump Rate:				
Water State After Test: Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0					
Water State After Test: 1 Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0					
Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0		e:			
Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0		4			
Pumping Duration MIN: 0 Flowing: No Water Details					
Flowing: No Water Details Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0	Pumping Duration HR:				
Water ID: 933948185 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0					
Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0	Water Details				
Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 56.0	Water ID:	933948185			
Kind: FRESH Water Found Depth: 56.0	Layer:	1			
Water Found Depth: 56.0	Kind Code:				
water Found Depth UOM: IT					
	water Found Depth UOM:	π			

Ľ		Site	Elev/Diff (m)	Direction/ Distance (m)		Numbe Record	Map Key
ww		722 MAIN STREET W PORT COLBORNE O	179.8/0.00	WNW/44.2		1 of 1	<u>11</u>
		Data Entry Status:			7302832		Well ID:
		Data Src:					Constructio
	1/8/2018	Date Received:		g	Monitoring		Primary Wa
	True	Selected Flag:					Sec. Water
		Abandonment Rec:		ion Wells	Observatio		Final Well S
	2123	Contractor:					Water Type
	7	Form Version:				erial:	Casing Mat
		Owner:			Z260418		Audit No:
ST	722 MAIN STREET WEST	Street Name:			A227837		Tag:
	NIAGARA	County:					Constructio
Y (HUMBERSION	PORT COLBORNE CITY (Municipality:					Elevation (r
		Site Info:					Elevation R
	033	Lot:					Depth to Be
	01	Concession:					Well Depth:
	CON	Concession Name:					Overburder
		Easting NAD83:					Pump Rate:
		Northing NAD83:					Static Wate
		Zone:				w):	Flowing (Y/
		UTM Reliability:				h	Flow Rate: Clear/Cloud

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7302832.pdf$

Additional Detail(s) (Map)

Well Completed Date:	2017/10/20
Year Completed:	2017
Depth (m):	19.5072
Latitude:	42.8913319487858
Longitude:	-79.2772905435391
Path:	730\7302832.pdf

Bore Hole Information

17 640664.00 4750187.00 UTM83 4 margin of error : 30 m - 100 m d: wwr

Overburden and Bedrock Materials Interval

54

Source Revision Comment: Supplier Comment:

Formation ID:	1007077039
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo	n Material:	CLAY			
Mat2:		12 STONES			
Mat2 Desc:		STONES			
Mat3: Mat3 Desc:					
Formation To	n Donth:	1.0			
Formation En	p Depin. Id Depth:	2.0			
	d Depth UOM:	ft			
Overburden a	and Bedrock				
Materials Inte					
Formation ID:	:	1007077040			
Layer:		3			
Color:		2			
General Colo	r:	GREY			
Mat1:		15			
Most Commo	n Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc: Formation To	n Donthi	2.0			
Formation Fo	p Depth: d Depth:	2.0 64.0			
	d Depth UOM:	ft			
Overburden a Materials Inte					
Formation ID:		1007077038			
Layer:		1			
Color:		6			
General Colo	r:	BROWN			
Mat1:		05			
Most Commo	n Material:	CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mats: Mat3 Desc:					
Formation To	n Denth:	0.0			
Formation En		1.0			
	d Depth UOM:	ft			
<u>Annular Spac</u> Sealing Reco	e/Abandonment				
Plug ID:		1007077074			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth U	ОМ:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	1007077073			
	truction ID: truction Code:	5			
Method Cons		Air Percussion			
	l Construction:				
Pino Informat	lan				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Pipe ID: Casing No: Comment: Alt Name:		1007077036 0			
Senstruction	Descrid Sereen				
	<u>Record - Screen</u>	1007077015			
Screen ID: .ayer:		1007077045			
lot: Screen Top D	enth.				
creen End D					
creen Materi					
creen Depth		ft			
creen Diame creen Diame		inch			
esults of We	ell Yield Testing				
ump Test ID		1007077037			
ump Set At:		55.0	7		
tatic Level:	fter Pumping:	16.60000038146972 55.09999847412109			
	ed Pump Depth:	55.0			
Pumping Rate	e:	6.0			
ecommende	ed Pump Rate:	3.0			
evels UOM:		ft			
ate UOM:	(1	GPM			
Vater State A Vater State A	fter Test Code:	1 CLEAR			
umping Test		0			
Pumping Dura		1			
Pumping Dura					
lowing:					
raw Down &	Recovery				
ump Test De	etail ID:	1007077047			
est Type:		Recovery			
est Duration		1			
est Level: est Level UC	о <i>м-</i>	50.09999847412109 ft	14		
	<i></i>	it.			
raw Down &	Recovery				
ump Test De	etail ID:	1007077051			
est Type:		Recovery			
est Duration):	3 46.5			
est Level UC	DM:	ft			
raw Down &	Recovery				
ump Test De	etail ID:	1007077052			
est Type:		Draw Down			
est Duration est Level:	I.	4 22.20000076293945	53		
est Level UC	DM:	ft			
raw Down &	Recovery				
	originfo com l En	vironmental Risk Info			Order No: 2111230069

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D	Detail ID:	1007077056			
Test Type: Test Duratio	n.	Draw Down 10			
Test Level:	<i>n.</i>	27.5			
Test Level U	ОМ:	ft			
<u>Draw Down o</u>	& Recovery				
Pump Test L	Detail ID:	1007077058			
Test Type:		Draw Down			
Test Duratio Test Level:	n:	15 31.5			
Test Level U	ОМ:	ft			
<u>Draw Down (</u>	& Recovery				
Pump Test D	Detail ID:	1007077064			
Test Type:		Draw Down			
Test Duration Test Level:	n:	30 43.59999847412109	4		
Test Level:	OM·	43.59999647412109 ft	4		
	•				
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1007077065			
Test Type:		Recovery			
Test Duration Test Level:	n:	30 18.5			
Test Level U	ОМ:	ft			
Draw Down	& Recovery				
Pump Test D	Detail ID:	1007077068			
Test Type:		Draw Down			
Test Duratio	n:	50			
Test Level: Test Level U	OM-	55.09999847412109 ft	4		
lest Level U	OM.	ii.			
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test D	Detail ID:	1007077071			
Test Type:		Recovery			
Test Duration Test Level:	n:	60 16.10000038146972	7		
Test Level U	OM:	ft	.1		
Draw Down	<u>& Recovery</u>				
Pump Test D	Detail ID:	1007077069			
Test Type:		Recovery			
Test Duratio	n:	50	.0		
Test Level: Test Level U	ОМ:	16.11000061035156 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	1007077053			
Test Type:	.	Recovery			
Test Duratio	n:	4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Test Level: Test Level UC	DM:	45.29999923706055 ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	1007077055			
Test Type:		Recovery			
Test Duration Test Level:	:	5 44.20000076293945			
Test Level UC	ОМ:	44.20000076293945 ft			
Draw Down &	<u>Recovery</u>				
Pump Test De	etail ID:	1007077057			
Test Type:		Recovery			
Test Duration	:	10	4		
Test Level: Test Level UC	ОМ:	43.099998474121094 ft	ŧ		
Draw Down &	Recovery				
Pump Test De	etail ID:	1007077046			
Test Type:		Draw Down			
Test Duration	:	1	-		
Test Level: Test Level UC	л <i>л</i> -	20.29999923706054 ft	(
lest Level DC		n			
Draw Down &	<u>Recovery</u>				
Pump Test De	etail ID:	1007077066			
Test Type:		Draw Down			
Test Duration Test Level:	:	40 50.79999923706055			
Test Level UC	ОМ:	ft			
Draw Down &	<u>Recovery</u>				
Pump Test De	etail ID:	1007077050			
Test Type:		Draw Down			
Test Duration Test Level:	:	3 21.60000038146972	7		
Test Level UC	ОМ:	ft			
Draw Down &	<u>Recovery</u>				
Pump Test De	etail ID:	1007077054			
Test Type:		Draw Down			
Test Duration Test Level:	:	5 22.79999923706054	7		
Test Level UC	ОМ:	ft			
Draw Down &	<u>Recovery</u>				
Pump Test De	etail ID:	1007077048			
Test Type:		Draw Down			
Test Duration Test Level:	:	2 21.0			
rest Level: Test Level UC	DM:	21.0 ft			
	-				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down a	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077049 Recovery 2 47.40000152587890 ft	6		
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077059 Recovery 15 37.5 ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077060 Draw Down 20 35.59999847412109 ft	4		
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077061 Recovery 20 32.5 ft			
Draw Down &	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077062 Draw Down 25 39.5 ft			
Draw Down a	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077070 Draw Down 60 55.09999847412109 ft	4		
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	1007077063 Recovery 25 27.20000076293945 ft	3		

Draw Down & Recovery

Pump Test Detail ID: Test Type: 1007077067 Recovery

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Duration: Test Level: Test Level UOM	l:	40 17.20000076293945 ft	3			
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found De Water Found De		1007077043 1 8 Untested 35.0 ft				
Hole Diameter						
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOI Hole Diameter U		1007077041 10.0 0.0 20.0 ft inch				
<u>Hole Diameter</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOI Hole Diameter U	И: ЈОМ:	1007077042 6.0 20.0 64.0 ft inch				
<u>12</u> 1	of 1	WNW/44.9	179.2 / -0.67	lot 33 con 1 ON		WWIS
Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Statu Water Type: Casing Material Audit No:	Jse: Domestic s: Water St	с		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 7/5/1988 True 4795 1	
Tag: Construction M Elevation Relial Depth to Bedroo Well Depth: Overburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy:	bility: ck: drock:			Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	NIAGARA PORT COLBORNE CITY 033 01	
PDF URL (Map).	:	https://d2khazk8e83	dv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/660\6603822.pdf	
Additional Deta	<u>il(s) (Map)</u>					
Well Completed Year Completed Depth (m):		1988/05/10 1988 8.2296				

Map Key	Number of Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Latitude: Longitude: Path:			42.8913322006056 -79.2791030488313 660\6603822.pdf				
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour	2.0 :: Imp <i>y</i> c: Un ed: 10-	provec knowr -May-1			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	178.797958 17 640516.00 4750184.00 N83 3 margin of error : 10 - 30 m	
	Location Meth ion Comment:		GIS Northing and/or East	ing field has be	en changed. Location estir ather than a Lot Centroid ir		
<u>Overburden a</u> <u>Materials Inte</u> r							
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	:: n Material: p Depth: d Depth:		932599864 1 8 BLACK 02 TOPSOIL 0.0 2.0 ft				
<u>Overburden a</u> Materials Inter							
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3:	?		932599865 2 2 GREY 17 SHALE				
<i>Mat3 Desc: Formation Top Formation End</i> <i>Formation End</i>	d Depth:		2.0 3.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>							
Formation ID: Layer: Color:			932599869 6 2				

Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	GREY			
n Material:	LIMESTONE			
o Depth:	5.0			
	27.0 ft			
	932599867			
	2			
:	GREY			
	17			
n Material:	SHALE			
o Depth:	4.0			
d Depth:				
d Depth UOM:	ft			
	932599866			
	3			
-	00			
n Material·				
i material.	68			
	DRY			
- Dawit	0.0			
d Depth. d Depth UOM:				
	932599868			
	5			
•	00			
n Material:	UNKNOWN TYPE			
	68			
	DRY			
n Donth:	5.0			
~ ~~~~~~	0.0			
	Records Rec	RecordsDistance (m):GREY 15 LIMESTONEo Depth:5.0 27.0 fto Depth:27.0 ftad Depth UOM:ftind Bedrock val932599867 4 2 (ad Depth understall)o Depth:4.0 5.0 fto Depth:5.0 ftind Bedrock val932599866 3o Depth:5.0 ftind Bedrock 	RecordsDistance (m) (m):GREY 15n Material:LIMESTONEDepth:5.0 27.0d Depth:27.0d Depth:27.0d Depth:27.0md Bedrock. rval932599867 4 2:GREY 17n Material:SHALED Depth:4.0 5.0 to Depth:5.0 5.0if d Depth:5.0 to Depth:4.0 5.0 to Depth:5.0 to Depth:5.0 to Depth:5.0 tif d Depth:3.0 4.0 to Depth:3.0 4.0 to Depth:3.0 4.0 to Depth:3.0 4.0 tif d Depth UOM:tm Bedrock rval932599866 5:00 UNKNOWN TYPE 68 DRYo Depth:3.0 4.0 tif d Depth UOM:tif d Depth:5.0	Records Distance (m) (m) : GREY 15 in Material: LIMESTONE in Depth: 5.0 in Material: 932599867 in Material: 932599867 in Material: SHALE in Material: SHALE in Material: SHALE in Material: 932599866 in Material: 00 in Mater

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const	ruction ID:	966603822			
Method Const	ruction Code:	1			
Method Const	ruction:	Cable Tool			
Other Method	Construction:				
<u>Pipe Informati</u>	on				
Pipe ID:		11011989			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930752889			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:		07			
Depth To:	4	27			
Casing Diame Casing Diame	ter:	5 inch			
Casing Diame	UOM:	ft			
euonig Dopui	••••				
Construction	Record - Casing				
Casing ID:		930752888			
Layer:		1			
Material:		1			
Open Hole or I	Material:	STEEL			
Depth From:		45			
Depth To:	tor.	15 6			
Casing Diame Casing Diame		b inch			
Casing Depth		ft			
Results of We	ll Yield Testing				
Pump Test ID:		996603822			
Pump Set At:					
Static Level:		15.0			
Final Level Af	ter Pumpina [.]	15.0			

Static Level:	15.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	26.0
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:	2
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934611393
Test Type:	Recovery

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Test Duration Test Level: Test Level U		30 15.0 ft			
Draw Down a	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934344036 Recovery 15 15.0 ft			
Draw Down a	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934865583 Recovery 45 15.0 ft			
Draw Down &	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	935121583 Recovery 60 15.0 ft			
Water Details	<u>s</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933951142 1 FRESH 16.0 ft			
<u>13</u>	1 of 1	NE/45.3	179.9 / 0.04	lot 31 con 2 ON	WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: iatus: rial: n Method:): liability: drock: Bedrock: Level: l):	6601066 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 3/26/1951 True 3017 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE) 031 02 CON

PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601066.pdf$

Additional Detail(s) (Map)

Well Completed Date:	1950/03/22
Year Completed:	1950
Depth (m):	18.288
Latitude:	42.8918666708353
Longitude:	-79.2697573414518
Path:	660\6601066.pdf

Bore Hole Information

Bore Hole ID:	10460800	Elevation:	180.641754
DP2BR:	4.00	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	641277.90
Code OB Desc:	Bedrock	North83:	4750259.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	22-Mar-1950 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Se	ource:		
Improvement Location M	ethod:		
Source Revision Comme	nt:		
Supplier Comment:			
Overburden and Bedrock			
Materials Interval	<u> </u>		
<u>Materiais intervar</u>			
Formation ID:	932590512		
Layer:	1		
Color:			
General Color:			
Mat1:	05		
Most Common Material:	CLAY		
Mat2:			
Mat2 Desc:			
Mat3:			
Mat3 Desc:			
Formation Top Depth:	0.0		
Formation End Depth:	4.0		
Formation End Depth UO	M : ft		
Overburden and Bedrock			
Materials Interval	<u> </u>		
materials interval			
Formation ID:	932590513		
Layer:	2		
Color:			
General Color:			
Mat1:	15		
Most Common Material:	LIMESTONE		
Mat2:			
Mat2 Desc:			
Mat3:			
Mat3 Desc:			
Formation Top Depth:	4.0		
Formation End Dopth	60.0		

Formation End Depth:60.0Formation End Depth UOM:ft

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co Use</u>	nstruction & Well				
Method Cons	truction ID: truction Code:	966601066 1			
Method Cons		Cable Tool			
Pipe Informat	ion				
Pipe ID:		11009370			
Casing No: Comment: Alt Name:		1			
Construction	Record - Casing				
Casing ID:		930748489			
Layer: Material:		1 1			
open Hole or	Material:	STEEL			
Depth From:					
Depth To:		4			
Casing Diame Casing Diame	eter:	5 inch			
Casing Depth		ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930748490			
Layer:		2			
Material:	Matorial	4 OPEN HOLE			
Open Hole or Depth From:	material:	OPEN HOLE			
Depth To:		60			
Casing Diame		5			
Casing Diame Casing Depth		inch ft			
	ell Yield Testing				
Pump Test ID	-	996601066			
Pump Set At:					
Static Level:		10.0			
	ter Pumping:	60.0			
Recommende Pumping Rate Flowing Rate	ed Pump Depth: e:	2.0			
Recommende	d Pump Rate:	2.0			
Levels UOM: Rate UOM:		ft GPM			
	fter Test Code:	1			
Water State A	fter Test:	CLEAR			
Pumping Tes		1			
Pumping Dur		0			
Pumping Dur		30			

Water Details

Water ID:	933948340
Layer:	1

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Kind Code: Kind: Water Found I Water Found I			1 FRESH 55.0 ft				
<u>14</u>	1 of 4		WNW/46.0	178.8/-1.00	INDEPENDENT DISCO 730 MAIN STREET WE PORT COLBORNE ON	EST	PES
Detail Licence Licence No: Status: Approval Date Report Source Licence Type Licence Class Licence Contro Latitude: Longitude: Lot: Concession: Region: District: County:	: e: Code: :	Limited Ve 23	endor		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Operator Lot: Operator Region: Operator District: Operator County: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		
Trade Name: PDF Link: PDF Site Loca	tion: 2 of 4		WNW/46.0	178.8 / -1.00	INDEPENDENT DISCO 730 MAIN STREET WE		PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vend Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link: PDF Site Location:		Vendor			PORT COLBORNE ON Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Operator Lot: Operator County: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	I L3K 5V4	
<u>14</u>	3 of 4		WNW/46.0	178.8/-1.00	730 Main Street West, ON	Port Colborne	PIN
Incident ID: Incident No: Incident Repo Type: Status Code:	rted Dt:		e Incident amage Reason Est		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage:	Plastic Natural Gas No No No	

erisinfo.com | Environmental Risk Information Services

Order No: 21112300694

· · · · · · · · · · · · · · · · · · ·	Number Records		Elev/Diff) (m)	Site		Ľ
Tank Status:		RC Established		Service Interrupt:	No	
Task No:		3457994		Enforce Policy:	No	
Spills Action C	entre			Public Relation:	No	
Fuel Type:	ena e.	Natural Gas		Pipeline System:	110	
Fuel Occurrenc	o Thi	Pipeline Strike		PSIG:	40	
	•	•			-	
Date of Occurr		8/16/2011 0:00		Attribute Category:	FS-Perform P-line Inc Invest	
Occurrence Sta	art Dt:	2011/09/06		Regulator Location:		
Depth:		20		Method Details:	E-mail	
Customer Acct	Name:					
Incident Addre	ss:					
Operation Type	ə:	Private Dwelling				
Pipeline Type:		Service / Riser Dis	stribution Pipeline			
Regulator Type			subduon ipointo			
	<i>.</i>	720 Main Street W	Voot Dort Colhorno	1 1/" Dipolino Hit		
Summary:			Vest, Port Colborne			
Reported By:		Timmers, Henry -				
Affiliation:		Industry Stakehol	der (Licensee/Regis	stration/Certificate Holder, F	acility Owner, etc.)	
Occurrence De	SC:	locate errorDP	l fault			
Damage Reaso			r location not sufficie	ent		
Notes:		bad locate				
<u>14</u> 4	4 of 4	WNW/46.0	178.8 / -1.00	INDEPENDENT DISC 730 MAIN STREET W PORT COLBORNE O	/EST	PE
Detail Licence	No:			Operator Box:		
icence No:		14124		Operator Class:		
Status:				Operator No:		
Approval Date:				Operator Type:		
Report Source:		Legacy Licenses (Excluding		Oper Area Code:	905	
			13)	•		
icence Type:		Limited Vendor		Oper Phone No:	8341916	
icence Type C		23		Operator Ext:		
Licence Class:		01		Operator Lot:		
icence Contro	ol:			Oper Concession:		
.atitude:				Operator Region:		
.ongitude:				Operator District:		
ot:				Operator County:		
Concession:				Op Municipality:		
Region:				Post Office Box:		
District:				MOE District:		
County:				SWP Area Name:		
rade Name:						
DF Link:						
יו)רי וואגי	ion.					
DF Site Locat						
DF Site Locat	1 of 1	NE/48.9	179.8 / 0.00	ON		ww
PDF Site Locat			179.8 / 0.00	-		ww
PDF Site Locat	l of 1	NE/48.9 6601612	179.8 / 0.00	Data Entry Status:	1	ww
DF Site Locat	of 1 Date:	6601612	179.8 / 0.00	Data Entry Status: Data Src:	1	wu
DF Site Locat	l of 1 Date: Use:	6601612 Domestic	179.8 / 0.00	Data Entry Status: Data Src: Date Received:	7/17/1952	wn
DF Site Locat	l of 1 Date: Use: D:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag:		WW
DF Site Locat	l of 1 Date: Use: D:	6601612 Domestic	179.8 / 0.00	Data Entry Status: Data Src: Date Received:	7/17/1952	WW
DF Site Locat	l of 1 Date: Use: D:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag:	7/17/1952	wu
DF Site Locat <u>15</u> 1 Vell ID: construction D rimary Water icc. Water Use inal Well Statu Vater Type:	l of 1 Date: Use: e: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	7/17/1952 True	wu
DF Site Locat <u>15</u> 1 Vell ID: construction D rimary Water icc. Water Use inal Well Statu Vater Type: casing Materia	l of 1 Date: Use: e: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	7/17/1952 True 4720	wu
2DF Site Locat <u>15</u> 1 Vell ID: Construction D rimary Water Sec. Water Use Sinal Well Statu Vater Type: Casing Materia Mudit No:	l of 1 Date: Use: e: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	7/17/1952 True 4720	wu
2DF Site Locat <u>15</u> 1 Vell ID: Construction D rimary Water Sec. Water Use Final Well Statu Vater Type: Casing Materia Audit No: Tag:	l of 1 Date: Use: 2: us: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	7/17/1952 True 4720 1	wu
2DF Site Locat <u>15</u> 1 Vell ID: Construction D Primary Water Sec. Water Use inal Well Statt Vater Type: Casing Materia Audit No: Tag: Construction N	l of 1 Date: Use: 2: us: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	7/17/1952 True 4720	WW
2DF Site Locat <u>15</u> 1 Vell ID: Construction D Primary Water Sec. Water Use inal Well Statt Vater Type: Casing Materia Audit No: Tag: Construction N	l of 1 Date: Use: 2: us: us:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	7/17/1952 True 4720 1	wu
2DF Site Locat <u>15</u> 1 Vell ID: Construction D Primary Water Sec. Water Use inal Well Statt Vater Type: Casing Materia Nudit No: Cag: Construction N Elevation (m):	l of 1 Date: Use: S: us: us: ll: fethod:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	7/17/1952 True 4720 1 NIAGARA	wu
2DF Site Locat <u>15</u> 1 Vell ID: Construction D Primary Water Sec. Water Use Construction D Sec. Water Use Construction D Construction N Elevation (m): Elevation Relia	l of 1 Date: Use: S: us: us: ll: Method: bility:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	7/17/1952 True 4720 1 NIAGARA	wu
DF Site Locat <u>15</u> 1 Vell ID: construction D rimary Water vec. Water Use inal Well Statu Vater Type: asing Materia udit No: ag: construction N ilevation (m): ilevation Relia bepth to Bedro	l of 1 Date: Use: S: us: us: ll: Method: bility:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	7/17/1952 True 4720 1 NIAGARA	WW
DF Site Locat <u>15</u> 1 /ell ID: onstruction D rimary Water ec. Water Use inal Well Statu /ater Type: asing Materia udit No: ag: onstruction N levation Relia	l of 1 Date: Use: a: us: dethod: bility: bck:	6601612 Domestic 0	179.8 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	7/17/1952 True 4720 1 NIAGARA	WU

	s	Direction/ Distance (m)	Elev/Diff (m)	Site		L
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/660\6601612.pdf	
Additional Detail(s) (Ma	<u>(a</u>					
Vell Completed Date:		1952/06/28				
Year Completed:		1952				
Depth (m):		4.2672				
atitude:		42.8918926296019				
.ongitude:		-79.2702832285107				
Path:		660\6601612.pdf				
Bore Hole Information						
Bore Hole ID:	1046134	16		Elevation:	180.525299	
DP2BR: Spatial Status:	4.00			Elevrc: Zone:	17	
Spatial Status: Code OB:	r			Zone: East83:	641234.90	
Code OB: Code OB Desc:	r Bedrock			North83:	4750261.00	
Open Hole:	Deulock			Org CS:	4750201.00	
Cluster Kind:				UTMRC:	9	
Date Completed:	28-Jun-1	952 00:00:00		UTMRC Desc:	unknown UTM	
Remarks:	20 0011 1	002 00.00.00		Location Method:	p9	
Elevrc Desc:				2004.000 motified.	F-	
Location Source Date:	Source:					
Location Source Date: Improvement Location						
Location Source Date: Improvement Location S Improvement Location I	Method:					
	Method:					
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: Overburden and Bedroo	Method: ent:					
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroc</u> <u>Materials Interval</u>	Method: ent:	932592528				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroc</u> <u>Materials Interval</u> Formation ID:	Method: ent:	932592528 1				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer:	Method: ent:					
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color:	Method: ent:					
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color:	Method: ent:					
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1:	Method: ent: : <u>k</u>	1				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	Method: ent: : <u>k</u>	1 05				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	Method: ent: : <u>k</u>	1 05				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2 Desc: Mat3:	Method: ent: : <u>k</u>	1 05				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	Method: ent: : <u>k</u>	1 05 CLAY				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	Method: ent: : <u>k</u>	1 05 CLAY 0.0				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	Method: ent: <u>:k</u>	1 05 CLAY 0.0 4.0				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	Method: ent: <u>:k</u>	1 05 CLAY 0.0				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: Deverburden and Bedroo Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U Deverburden and Bedroo Materials Interval	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0 ft				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth U <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID:	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0 ft 932592529				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2 Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer:	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0 ft 932592529 2				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2 Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color:	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0 ft 932592529 2 8				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat2: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U <u>Overburden and Bedrood</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color:	Method: ent: <u>ck</u> OM:	1 05 CLAY 0.0 4.0 ft 932592529 2 8 BLACK				
Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment: <u>Overburden and Bedrood</u> Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Wat2 Desc: Mat3: Mat2 Desc: Formation Top Depth: Formation End Depth U Overburden and Bedrood Materials Interval Formation ID: Layer: Color: General Color: Mat1:	Method: ent: : <u>k</u> OM: : <u>k</u>	1 05 CLAY 0.0 4.0 ft 932592529 2 8 BLACK 17				
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Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM <u>Method of Construction & Use</u> Method Construction ID: Method Construction Code Method Construction: Other Method Construction Pipe ID: Casing No: Comment: Alt Name: <u>Construction Record - Cas</u> Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Depth UOM: Construction Record - Cas Casing ID: Layer: Material: Open Hole or Material: Depth To: Casing Depth UOM: Casing Depth UOM: Casing Depth UOM: Casing Diameter: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Depth UOM: Casing Diameter: Casing	Vell 966601612 : 1 Cable Tool : 11009916 1		
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Pump Test ID:	inch ft		
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	996601612		
Pump Set At:			
Static Level:	4.0		
Final Level After Pumping:	10.0		
Recommended Pump Dept			
Pumping Rate:	4.0		
Flowing Rate:			
Recommended Pump Rate Levels UOM:			
Leveis UOM: Rate UOM:	ft GPM		
Rate 00M: Water State After Test Cod			
Water State After Test Coo			
Pumping Test Method:			
Pumping Duration HR:	CLEAR 1		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Du	ration MIN:	30			
Flowing:		No			
Water Detail	<u>S</u>				
Water ID:		933948894			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	14.0			
	I Depth UOM:	ft			
16	1 of 1	NE/49.8	179.8 / 0.00	lot 31 con 2	WWIS

<u>16</u>	1 of 1	NE/49.8	179.8 / 0.00	lot 31 con 2 ON	WWIS
Well ID:		6601062		Data Entry Status:	
Construct	ion Date:			Data Src:	1
Primary W	/ater Use:	Domestic		Date Received:	3/30/1949
Sec. Wate	r Use:	0		Selected Flag:	True
Final Well	Status:	Water Supply		Abandonment Rec:	
Water Typ	e:			Contractor:	1915
Casing Ma	aterial:			Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construct	ion Method:			County:	NIAGARA
Elevation	(m):			Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation	Reliability:			Site Info:	
Depth to E	Bedrock:			Lot:	031
Well Dept	h:			Concession:	02
Overburde	en/Bedrock:			Concession Name:	CON
Pump Rat	e:			Easting NAD83:	
Static Wat	ter Level:			Northing NAD83:	
Flowing ()	Y/N):			Zone:	
Flow Rate	:			UTM Reliability:	
Clear/Clou	ıdy:				
	(Man)	https://d2kbozk	9092rdy aloudfront no	t/maa manning/dawnlaada	V2)Matar/Malla adfa/660)6601062 adf

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601062.pdf

Additional Detail(s) (Map)

Well Completed Date:	1948/10/30
Year Completed:	1948
Depth (m):	14.3256
Latitude:	42.8919052661718
Longitude:	-79.2699277176639
Path:	660\6601062.pdf

Bore Hole Information

Bore Hole ID:	10460796	Elevation:	180.612976
DP2BR:	1.00	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	641263.90
Code OB Desc:	Bedrock	North83:	4750263.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	30-Oct-1948 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc: Location Source Date:			

originfo com

Improvement Location Source: Improvement Location Method:

Color:	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Katacials Interval Formation ID: 932590505 Layer: 2 Color: I Sommal Color: I Maria Desc: IMESTONE Maria Desc: INESTONE Maria Desc: 10 Formation To Depth: 10 Color: 1 Evented Stateward 10 Formation To Depth: 10 Color: 1 Evented Stateward 10 Color: 1 Evented Stateward 10 Color: 1 Partician Stateward 10 Color: 1 Partician Stateward 100 Mard Desc: 10 Formation For Depth: 0.0 Formation For Depth: 10.0 Formation For Depth: 10.0 Formation For Depth: 10.0 Formation For Depth: 10.0 Formation For Depth: 10.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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General Color: 15 Mat: 15 Mat: LIMESTONE Mat: LIMESTONE Mat: Social Mat: Social Mat: 10 Formation Top Depth: 10 Formation End Depth: 47.0 Formation ID: 932590504 Layer: 1 Color: Social General Color: Social Mat: 02 General Color: Social Mat: 02 Mat: 03 Mat: 03 Mat: 04 Mat: 05 Mat: 03 Formation End Depth: 10 Formation End Depth: 10 Formation End Depth: 10 Formation End Depth: 10 Social 1 Method Construction A: 1 Method Construction ID: 66601062 Method Construction: Cable Tool Other Method Cono	Layer:):				
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Mati: 02 Most Common Material: TOPSOIL Mat2: TOPSOIL Mat3: Mat3: Mat3 Sesc: Mat3 Sesc: Mat3 Sesc: Mat3 Sesc: Mat3 Sesc: Formation Top Depth: 0.0 Formation End Depth UOM: t Method of Construction & Well Use Method Construction ID: 966601062 Method Construction: Cable Tool Other Method Construction: Seconstruction Pipe ID: 11009366 Casing ID: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth Form: 5 Depth For: 6)r:				
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Mat3 Desc: Formation Top Depth: 0.0 Formation Top Depth: 1.0 Formation End Depth UOM: ft Method of Construction & Well Justice Method Construction ID: 966601062 Method Construction Code: 1 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information 11009366 Casing No: 1 Construction Record - Casing Construction Casing ID: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 5 Casing JD: 5 Casing JD: 930748481 Layer: 1 Material: 5 Depth From: 5 Casing Diameter: 6						
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Method Construction: Cable Tool Other Method Construction: Internation Pipe ID: 11009366 Casing No: 1 Comment: Internation Komment: Internation Construction Record - Casing Internation Casing ID: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 6	Method Cons	struction ID:	966601062			
Other Method Construction: Pipe Information Pipe ID: 11009366 Casing No: 1 Comment: 1 Alt Name: 1 Construction Record - Casing 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 6						
Pipe ID:11009366Casing No:1Comment:1Alt Name:Construction Record - CasingCasing ID:930748481Layer:1Material:1Open Hole or Material:5Depth From:5Casing Diameter:6						
Casing No: 1 Comment: 1 Alt Name: 1 Construction Record - Casing 1 Casing ID: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 6	<u>Pipe Informa</u>	<u>tion</u>				
Comment: Alt Name: Construction Record - Casing Construction Record - Casing Layer: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: Depth To: 5 Casing Diameter: 6	Pipe ID:		11009366			
Alt Name: Construction Record - Casing Casing ID: 930748481 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: J Depth To: 5 Casing Diameter: 6	Casing No:		1			
Casing ID:930748481Layer:1Material:1Open Hole or Material:STEELDepth From:5Depth To:5Casing Diameter:6	Comment: Alt Name:					
Layer:1Material:1Open Hole or Material:STEELDepth From:5Casing Diameter:6	<u>Constructior</u>	<u>n Record - Casing</u>				
Material: 1 Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 6	Casing ID:		930748481			
Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 6	Layer: Motoriol:					
Depth From: Depth To: 5 Casing Diameter: 6		r Material:				
Casing Diameter: 6	Depth From:					
Casing Diameter UOM: inch		otori				
	Casing Diam	eter UOM:				
	J	-				

Map Key	Number Records		Elev/Diff (m)	Site		DB
Casing Dept	h UOM:	ft				
<u>Construction</u>	<u>n Record - C</u>	Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930748482 2 4 OPEN HOLE 47 6 inch ft				
<u>Results of W</u> Pump Test II Pump Set At Static Level: Final Level A	D: :	996601062 24.0				
Recommend Pumping Rat Flowing Rate Recommend Levels UOM Rate UOM: Water State Water State Pumping Te Pumping Du Pumping Du	led Pump D te: e: led Pump R After Test C After Test: st Method: ration HR:	epth: ate: ft GPM				
Flowing:		No				
Water Detail Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth:	933948336 1 1 FRESH 47.0 //: ft				
<u>17</u>	1 of 2	N/50.6	179.8 / 0.00	676 Main Street Port Colborne ON		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit Lot/Building Additional In	ed: e Name: Size:	20320200403 C Standard Express Report 03-DEC-20 02-DEC-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	MD .25 -79.2727583 42.8918808	
<u>17</u>	2 of 2	N/50.6	179.8 / 0.00	676 Main Street Port Colborne ON		EHS
Order No: Status: Report Type Report Date:		20320200403 C Standard Express Report 03-DEC-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	MD .25	
	originfo or	m Environmental Risk Info	rmation Carvia			Order No: 21112300694

Order No: 21112300694

Мар Кеу	Number Records	•••	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Date Receive Previous Site Lot/Building Additional In	e Name: Size:	02-DEC-20)		X: Y:	-79.2727583 42.8918808
<u>18</u>	1 of 1		WNW/52.2	179.8/0.00	722 MAIN ST WEST Port Colborne ON	lot 33 con 1 WWIS
Well ID: Constructior Primary Wate Sec. Water U	er Use:	7230998 Domestic			Data Entry Status: Data Src: Date Received: Selected Flag:	11/4/2014 True
Final Well St Water Type: Casing Mate	tatus:	Alteration			Abandonment Rec: Contractor: Form Version:	4795 7
Audit No: Tag: Construction Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	i): Hiability: drock: /Bedrock: Level: I):	Z158720 A091779			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	722 MAIN ST WEST NIAGARA PORT COLBORNE CITY (HUMBERSTONE 033 01 CON
PDF URL (Ma	ар):	h	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/723\7230998.pdf
Additional D	etail(s) (Map	D)				
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:		2 1 4	2014/10/07 2014 15.24 12.8914034054867 79.2772518140814 '23\7230998.pdf			
<u>Bore Hole In</u>	formation					
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple	ıs: sc: I:	100520117	4 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	180.009841 17 640667.00 4750195.00 UTM83 4 margin of error : 30 m - 100 m
Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Cor	: urce Date: It Location S It Location N sion Comme	Source: Aethod:	4 00.00.00		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr

Overburden and Bedrock Materials Interval

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1005276185			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		15 LINE STONE			
Most Common I	viateriai:	LIMESTONE			
Mat2:					
Mat2 Desc: Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top I	Denth:	0.0			
Formation End		50.0			
Formation End		ft			
<u>Method of Cons</u> <u>Use</u>	truction & Well				
Method Constru	ction ID:	1005276217			
Method Constru		1			
Method Constru		Cable Tool			
Other Method C	onstruction:				
Pipe Information	2				
Pipe ID:		1005276183			
Casing No:		0			
Comment:					
Alt Name:					
Construction Re	ecord - Screen				
Screen ID:		1005276189			
Layer:					
Slot:					
Screen Top Dep					
Screen End Dep					
Screen Material					
Screen Depth U		ft			
Screen Diamete Screen Diamete		inch			
Results of Well	Yield Testing				
	-	4005070404			
Pump Test ID:		1005276184			
Pump Set At: Static Level:		48.0 16.0			
Static Level: Final Level After	r Pumpina:	45.0			
Recommended		30.0			
Pumping Rate:	amp Depui.	7.0			
Flowing Rate:					
Recommended	Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After	er Test Code:	1			
Water State After		CLEAR			
Pumping Test M		0			
Pumping Durati		1			
Pumping Durati	on MIN:	30			
Flowing:					

Draw Down & Recovery

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276204 Draw Down 20 32.0 ft			
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276195 Recovery 3 28.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276200 Draw Down 10 25.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276215 Recovery 60 16.0 ft			
<u>Draw Down o</u>	<u>& Recovery</u>				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276206 Draw Down 25 36.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276207 Recovery 25 16.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276210 Draw Down 40 36.0 ft			
<u>Draw Down (</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level:		1005276211 Recovery 40 16.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level U	ОМ:	ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276193 Recovery 2 31.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276199 Recovery 5 21.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276214 Draw Down 60 36.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276196 Draw Down 4 23.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276202 Draw Down 15 29.0 ft			
Draw Down	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276208 Draw Down 30 36.0 ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D Test Type: Test Duratio Test Level: Test Level U	n:	1005276212 Draw Down 50 36.0 ft			
<u>Draw Down o</u>	<u>& Recovery</u>				
77	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No: 21112300694

Pump Test Detail ID: 1005276197 Test Layei Recovery Test Level: 24.0 Test Level: 24.0 Test Level: 24.0 Test Level: 005276195 Test Level: 005276199 Test Level: 005276190 Test Level: 005076201 Test Level: 005276201 Test Level: 005276201 Test Level: 1005276201 Test Level: 17.0 Test Level: 1005276213 Test Level: 1005276210 Test Level: 1005276213 Test Level: 1005276210 Test Level: 10052762160 Test Level: 10052762160 Test Level: 10052762160 Test Level: 2	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level24.0Test Level20.0Test Level20.0Test Level1005276198Test Detail ID:1005276198Test Dutation:5Test Level24.0Test Level24.0Test Level1005276201Test Level20.0Test Level1005276201Test Level1005276201Test Level10.0Test Level10.0 <td></td> <td>etail ID:</td> <td></td> <td></td> <td></td> <td></td>		etail ID:				
Test Levei 24.0 Test Levei UOM: It Draw Down & Recovery Draw Down Test Duration: 5 Test Duration: 5 Test Duration: 5 Test Duration: 5 Test Duration: 1005276201 Test Duration: 17.0 Test Levei UOM: th Draw Down & Recovery 17.0 Test Levei UOM: th Draw Down & Recovery 1005276213 Test Duration: 20.0 Test Levei UOM: th Draw Down & Recovery 10.0 Test Levei UOM: th Draw Down & Recovery 10.0 Test Levei UOM: th Draw Down & Recovery 10.0 Test Levei UOM: th Draw Down & Recovery 10.0 Test Levei UOM: th Draw Down & Recovery 10.0 Test Levei UOM: th		n.				
Test Level UOM: N Daw Down & Recovery 1005275199 Pring Test Datail ID: 1005275201 Test Level UOM: 1 Test Level UOM: 10 Test Level UOM: 10 Test Level UOM: 1005275201 Test Level UOM: 1005275201 Test Level UOM: 10 Test Leve		n:				
Pump Test Detail ID: Test Duration: Test Duration: Test Level UDM:005276193 Down Test Level UDM: Test Level UDM: Test Detail ID: Test Detail ID: Test Duration: 		ОМ:				
Test Draw Down Test Level: Draw Down Test Level: 24.0 Test Level: 24.0 Test Level: 24.0 Test Level: 1005276201 Test Type: Recovery Pump Test Detail ID: 1005276201 Test Level: 17.0 Test Level: 17.0 Test Level: 17.0 Test Level: 17.0 Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 18.0 Test Level: 18.0 Test Level: 18.0 Test Level: 18.0 Test Level: 1005276194 Test Level: 18.0 Test Level: 18.0 Test Level: 18.0 Test Level: 1005276194 Test Level: 1005276194 Test Level: 20.0 Test Level: 1005276205 Test Level: 10.0 Test Level: 10.0	<u>Draw Down a</u>	& Recovery				
Test Diraiton: 5 Test Levei: 24.0 Test Levei: 24.0 Test Levei: 24.0 Test Levei UOM: tt Draw Down & Recovery Test Duraiton: 0 Test Levei UOM: tt Draw Down & Recovery Test Levei UOM: tt Draw Down & Recovery Test Duraiton: 50 Test Levei UOM: tt Draw Down & Recovery Test Duraiton: 50 Test Levei UOM: tt Draw Down & Recovery Test Duraiton: 10 Test Levei UOM: tt Draw Down & Recovery Pump Test Detail ID: 1005276190 Test Levei: 1005276299 Test Levei: 100527629 Test		etail ID:				
Test Level: 24.0 Test Level: tt Draw Down & Recovery Recovery Pump Test Detail ID: 1005276201 Test Yupe: Recovery Test Level: 17.0 Test Level: 17.0 Test Level: 17.0 Test Level: 18.0 Test Level: 16.0 Test Level: 16.0 Test Level: 1005276213 Test Level: 16.0 Test Level: 16.0 Test Level: 18.0 Test Level: 1005276190 Test Level: 18.0 Test Level: 1005276190 Test Level: 1005276191 Test Level: 1005276194 Test Duration: 3 Test Level: 20.0 Test Level: 1005276205 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Test Level UOM: It Draw Down & Recovery 005276201 Test Dravion: 10 Test Duration: 10 Test Level UOM: It Draw Down & Recovery Recovery Pump Test Detail ID: 1005276213 Test Level UOM: It Pump Test Detail ID: 1005276213 Test Level UOM: Recovery Park Down & Recovery Recovery Test Level UOM: 10.0 Test Level UOM: It Test Level UOM: 10.0 Test Level UOM: It Test Level: 10.0 Test Level: 18.0 Test Level: 10.0 Test Level: 10.0 Test Level: 0.0 Test Level: <td< td=""><td></td><td>n:</td><td>-</td><td></td><td></td><td></td></td<>		n:	-			
Pump Test Detail ID: 1005276201 Test Puration: Recovery Test Level: 17.0 Test Level: 1005276213 Pump Test Detail ID: 1005276213 Test Ture: Recovery Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 1005276190 Test Level: Daw Down Test Level: 18.0 Test Level: 18.0 Test Level: 1005276190 Test Level: 18.0 Test Level: 18.0 Test Level: 1005276194 Test Level: 20.0 Test Level: 3 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205		ОМ:				
Pump Test Detail ID: 1005276201 Test Puration: Recovery Test Level: 17.0 Test Level: 1005276213 Pump Test Detail ID: 1005276213 Test Ture: Recovery Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 1005276190 Test Level: Daw Down Test Level: 18.0 Test Level: 18.0 Test Level: 1005276190 Test Level: 18.0 Test Level: 18.0 Test Level: 1005276194 Test Level: 20.0 Test Level: 3 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205	Draw Down a	& Recoverv				
Test Type: Recovery Test Lurvich: 10 Test Level: 17.0 Test Level UOM: tt Draw Down & Recovery 1005276213 Test Duration: 50 Test Level: 16.0 Test Level UOM: tt Draw Down & Recovery 1005276190 Test Level: 18.0 Test Level: 1005276194 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205 Test Level: 16.0 Test Level: 16.0 Test Level UO		-	1005276201			
Test Duration: 10 Test Level: 17.0 Test Level UOM: tt Draw Down & Recovery Recovery Pump Test Detail ID: 1005276213 Test Dyraction: 50 Test Duration: 50 Test Level: 16.0 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 1005276190 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 1005276190 Test Level UOM: tt Test Level UOM: tt Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 1005276194 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: Pump Test Detail ID: 1005276205 Test Level UOM: tt Draw Down & Recovery Recovery Test Level UOM: tt Draw Down & Recovery Recovery <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Test Level 17.0 Test Level UOM: ti Draw Down & Recovery Pump Test Detail ID: 1005276213 Test Type: Recovery Test Duration: 50 Test Level UOM: ti Test Level UOM: ti6.0 Test Level UOM: ti Paraw Down & Recovery Pump Test Detail ID: 1005276190 Test Level UOM: ti Test Level UOM: ti Test Level UOM: ti Draw Down & Recovery Pump Test Detail ID: 1005276190 Test Level UOM: ti Test Level UOM: ti Draw Down & Recovery Pump Test Detail ID: 1005276194 Test Level UOM: ti Draw Down & Recovery Pump Test Detail ID: 1005276205 Test Level UOM: ti Test Level UOM: ti Test Level UOM: ti Test Level UOM: ti Test Level UOM: <td></td> <td>n:</td> <td></td> <td></td> <td></td> <td></td>		n:				
Draw Down & Recovery Pump Test Detail ID: 1005276213 Test Type: Recovery Test Duration: 50 Test Level : 16.0 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: 1005276190 Test Level : 1005276190 Test Duration: 1 Test Level : 18.0 Test Level : 18.0 Test Level : 10.0 Test Level : 0.0 Test Level : 1005276205 Test Level : 10.0 Test Level : 10.0 Test Level : 10.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Pump Test Detail ID:1005276213Test Type:RecoveryTest Duration:50Test Level:16.0Test Level:16.0Test Level:105276190Test Type:Draw DownTest Type:Draw DownTest Level:105276190Test Level:18.0Test Level:18.0Test Level:1005276194Test Level:Draw DownTest Level:Draw DownTest Level:20.0Test Level:20.0Test Level:1005276205Test Level:1005276205Test Level:1005276205Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:10.005276205Test Level:16.0Test Level:1005276209Test Level: </td <td>Test Level U</td> <td>ОМ:</td> <td>ft</td> <td></td> <td></td> <td></td>	Test Level U	ОМ:	ft			
Test Type: Recovery Test Duration: 50 Test Level: 16.0 Test Level: 16.0 Test Level: 1005276190 Test Type: Draw Down Test Duration: 1 Test Level: 18.0 Test Level: 18.0 Test Level: 18.0 Test Level: 18.0 Test Level: 1005276194 Test Type: Draw Down Test Duration: 3 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205 Test Level: 1005276205 Test Level: 16.0 Test Level: 1005276209 Test Level: 1005276209 Test Detail ID:	<u>Draw Down a</u>	& Recovery				
Test Level 50 Test Level UOM: 10 Test Level UOM: 1005276190 Test Type: Draw Down Test Duration: 1 Test Level: 1005276190 Test Level: 1005276190 Test Duration: 1 Test Level: 1005276190 Test Level: 10.0 Test Level: 10.0 Test Level: 10.0 Test Level: 1005276194 Test Level: 1005276194 Test Level: 20.0 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205 Test Type: Recovery Pump Test Detail ID: 1005276205 Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 10.0 Test Level: 10.005276209 Test Level: 1005276209 Test Detail ID: 1005276209 Test Leve: Recovery		etail ID:				
Test Level: 16.0 Test Level UOM: tt Draw Down & Recovery 005276190 Test Detail ID: 1005276190 Test Duration: 1 Test Level: 18.0 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: 1005276194 Test Level: 1005276194 Test Level: 0 Test Level: 20.0 Test Level: 20.0 Test Level: 1005276205 Test Level: 1005276205 Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 10.0 Test Level: 10.0 Test Level: 10.0 Test Level: 10.0 Test Level: 16.0 Test Level: 16.0 Test Level: 10.0						
Test Level UOM: ft Draw Down & Recovery 1005276190 Test Detail ID: 1005276190 Test Duration: 1 Test Level: 18.0 Test Level UOM: tt Draw Down & Recovery 1 Pump Test Detail ID: 1005276194 Test Level: 005276194 Test Level: 005276194 Test Level: 000000000000000000000000000000000000		n:				
Pump Test Detail ID:1005276190Test Type:Draw DownTest Level:1Test Level:18.0Test Level UOM:tDraw Down & RecoveryPump Test Detail ID:1005276194Test Dype:Draw DownTest Level:20.0Test Level UOM:tDraw Down & RecoveryPump Test Detail ID:1005276205Test Level UOM:tDraw Down & RecoveryPump Test Detail ID:1005276205Test Type:RecoveryPump Test Detail ID:1005276205Test Level:20Test Level:16.0Test Level:16.0Test Level:10.0Test Leve:10.0 <td></td> <td>ОМ:</td> <td></td> <td></td> <td></td> <td></td>		ОМ:				
Test Duration:Draw DownTest Level:18.0Test Level UOM:ftDraw Down & RecoveryPump Test Detail ID:1005276194Test Type:Draw DownTest Level:20.0Test Level:20.0Test Level UOM:ftDraw Down & RecoveryPump Test Detail ID:1005276205Test Type:RecoveryPump Test Detail ID:1005276205Test Level:20Draw Down & RecoveryPump Test Detail ID:1005276205Test Level:16.0Test Level:16.0Test Level:16.0Test Level:16.0Test Level:1005276209Test Detail ID:1005276209Test Type:Recovery	<u>Draw Down a</u>	& Recovery				
Test Duration:1Test Level:18.0Test Level UOM:tDraw Down & RecoveryPump Test Detail ID:1005276194Test Type:Draw DownTest Duration:3Test Level:20.0Test Level:20.0Test Level UOM:tDraw Down & RecoveryPump Test Detail ID:1005276205Test Type:RecoveryPump Test Detail ID:1005276205Test Level:20Test Level:16.0Test Level:16.0Test Level:1005276209Test Detail ID:1005276209Test Detail ID:1005276209Test Type:Recovery		etail ID:	1005276190			
Test Level:18.0Test Level UOM:ftDraw Down & Recovery1005276194Pump Test Detail ID:1005276194Test Type:Draw DownTest Duration:3Test Level:20.0Test Level:005276205Test Type:RecoveryPump Test Detail ID:1005276205Test Level:20Test Level:1005276205Test Level:1005276205Test Level:16.0Test Level UOM:tDraw Down & RecoverytPump Test Detail ID:1005276205Test Level UOM:tDraw Down & Recovery1005276205Test Level UOM:tDraw Down & RecoveryRecoveryPump Test Detail ID:1005276205Test Level UOM:tRecoveryRecoveryPump Test Detail ID:1005276209Test Type:Recovery						
Test Level UOM: ft Draw Down & Recovery 1005276194 Pump Test Detail ID: 1005276194 Test Type: Draw Down Test Duration: 3 Test Level: 20.0 Test Level UOM: ft Draw Down & Recovery 1005276205 Pump Test Detail ID: 1005276205 Test Level: 20.0 Test Duration: 20.0 Test Duration: 1005276205 Test Duration: 20.0 Test Level: 16.0 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery 1005276209 Pump Test Detail ID: 1005276209 Test Levei: 1005276209 Test Type: Recovery		n:				
Draw Down & Recovery Pump Test Detail ID: 1005276194 Test Type: Draw Down Test Duration: 3 Test Level: 20.0 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: 1005276205 Test Level: 20 Test Duration: 20 Test Duration: 20 Test Level: 16.0 Test Level: 16.0 Test Level: 16.0 Test Level: 1005276209 Pump Test Detail ID: 1005276209 Test Type: Recovery		~~				
Pump Test Detail ID:1005276194Test Duration:3Test Level:20.0Test Level UOM:ftDraw Down & RecoveryPump Test Detail ID:1005276205Test Level:20Test Level:1005276205Test Level:20Test Level:10.0Test Level:1005276209Test Type:Recovery	Test Level U	OM:	π			
Test Type:Draw DownTest Duration:3Test Level:20.0Test Level UOM:ttDraw Down & RecoveryPump Test Detail ID:1005276205Test Type:RecoveryTest Duration:20Test Level:16.0Test Level UOM:ttDraw Down & Recoverytt	<u>Draw Down a</u>	& Recovery				
Test Type:Draw DownTest Duration:3Test Level:20.0Test Level UOM:ttDraw Down & Recovery1005276205Pump Test Detail ID:1005276205Test Duration:20Test Level:16.0Test Level UOM:ttPump Test Detail ID:10.0Test Level:16.0Test Level UOM:ttTest Level UOM:ttRecoveryRecoveryTest Level UOM:ttRecoveryRecoveryPump Test Detail ID:1005276209Test Type:RecoveryPump Test Detail ID:1005276209Test Type:Recovery	Pump Test D	etail ID:	1005276194			
Test Level:20.0Test Level UOM:ftDraw Down & Recovery	Test Type:		Draw Down			
Test Level UOM: ft Draw Down & Recovery 1005276205 Pump Test Detail ID: 1005276205 Test Type: Recovery Test Duration: 20 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery ft Pump Test Detail ID: 1005276209 Test Type: Recovery		n:				
Draw Down & Recovery Pump Test Detail ID: 1005276205 Test Type: Recovery Test Duration: 20 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery 1005276209 Pump Test Detail ID: 1005276209 Test Type: Recovery		~~				
Pump Test Detail ID: 1005276205 Test Type: Recovery Test Duration: 20 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery Pump Test Detail ID: 1005276209 Test Type: Recovery	Test Level U	OM:	π			
Test Type: Recovery Test Duration: 20 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery 1005276209 Test Type: Recovery	<u>Draw Down a</u>	& Recovery				
Test Duration: 20 Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery V Pump Test Detail ID: 1005276209 Test Type: Recovery		etail ID:				
Test Level: 16.0 Test Level UOM: ft Draw Down & Recovery Interference Pump Test Detail ID: 1005276209 Test Type: Recovery						
Test Level UOM: ft Draw Down & Recovery Pump Test Detail ID: 1005276209 Test Type: Recovery		n:				
Pump Test Detail ID:1005276209Test Type:Recovery		ОМ:				
Test Type: Recovery	Draw Down a	& Recovery				
Test Type: Recovery		etail ID:	1005276209			
Test Duration: 30	Test Type:		Recovery			
		n:				
erisinfo.com Environmental Risk Information Services Order No: 21112300694						

Мар Кеу	Number Records		Elev/Diff (m)	Site		DE
Test Level: Test Level U	ОМ:	16.0 ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	1005276191				
Test Type:		Recovery				
Test Duratio Test Level:	n:	1 34.0				
Test Level U	ОМ:	ft				
Draw Down 8	<u>& Recovery</u>					
Pump Test D	etail ID:	1005276192				
Test Type:		Draw Down				
Test Duratioı Test Level:	n:	2 19.0				
Test Level U	ОМ:	ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	1005276203				
Test Type:		Recovery				
Test Duration	n:	15 16.0				
Test Level: Test Level U	ОМ:	ft				
Water Details	5					
Water ID:		1005276187				
layer:		1				
Kind Code:		1				
Kind: Nater Found	Donthi	FRESH 45.0				
Water Found						
Hole Diamete	<u>er</u>					
Hole ID:		1005276186				
Diameter: Depth From:						
Depth To:	ю <i>м</i> .	ft				
Hole Depth U Hole Diamete		inch				
<u>19</u>	1 of 1	N/55.1	179.8 / 0.00	676 Main St W Port Colborne ON L3	K5V4	EHS
Order No:		20140612065		Nearest Intersection:		
Status:		C		Municipality:		
Report Type:		Standard Report		Client Prov/State:	ON	
Report Date: Date Receive		23-JUN-14 12-JUN-14		Search Radius (km): X:	.25 -79.272717	
Previous Site		12-3011-14		х. Ү:	42.891921	
Lot/Building	Size:					
Additional In		City Directory; Aer	ial Photos			
<u>20</u>	1 of 2	N/57.4	179.8 / 0.00	676 MAIN ST lot 32 c Port Colborne ON	on 2	wwis
70	erisinfo.co	n Environmental Risk In	formation Servic	es		Order No: 21112300694

D	Site	Elev/Diff (m)	Direction/ Distance (m)		Numbe Record	Map Key
	Data Entry Status:			7228846		Well ID:
	Data Src:				Date:	Construction
10/6/2014	Date Received:			Monitoring	er Use:	Primary Wate
True	Selected Flag:			0		Sec. Water U
	Abandonment Rec:			Test Hole	atus:	Final Well Sta
7464	Contractor:					Water Type:
7	Form Version:				rial:	Casing Mater
	Owner:			Z184454		Audit No:
676 MAIN ST	Street Name:			A165980		Tag:
NIAGARA	County:				Method:	Construction
PORT COLBORNE CITY (HUMBERSTON	Municipality:				:	Elevation (m)
Υ.	Site Info:					Elevation Rel
032	Lot:				•	Depth to Bed
02	Concession:					Well Depth:
CON	Concession Name:				Bedrock:	Overburden/B
	Easting NAD83:					Pump Rate:
	Northing NAD83:				Level:	Static Water I
	Zone:):	Flowing (Y/N)
	UTM Reliability:					Flow Rate:
	-				:	Clear/Cloudy

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7228846.pdf

Additional Detail(s) (Map)

Well Completed Date:	2014/07/22
Year Completed:	2014
Depth (m):	3.04
Latitude:	42.8919366055282
Longitude:	-79.273195518041
Path:	722\7228846.pdf
Depth (m): Latitude: Longitude:	42.8919366055282 -79.273195518041

Bore Hole Information

Bore Hole ID: DP2BR:	1005150651	Elevation: Elevrc:	180.407058
Spatial Status:		Zone:	17
Code OB:		East83:	640997.00
Code OB Desc:		North83:	4750261.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	22-Jul-2014 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	org
Elevrc Desc:			

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

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	1005378037
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Mat3 Desc: Formation To Formation En Formation En</i>	p Depth: d Depth: d Depth UOM:	1.519999980926513 3.039999961853027 m			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation To, Formation En Formation En	r: n Material: p Depth:	1005378036 1 6 BROWN 01 FILL 11 GRAVEL 12 STONES 0.0 1.519999980926513 m	7		
<u>Overburden a</u> Materials Inte					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation To	r: n Material: p Depth:	1005378038 3 26 ROCK 3.039999961853027	3		
Formation En Formation En	d Depth: d Depth UOM:	m			
<u>Annular Spac</u> Sealing Recol	<u>e/Abandonment</u> r <u>d</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1005378045 1 0 1.21000003814697 m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	1005378044 G S.S.A. AUGER			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		1005378035 0			

Construction Record - Screen

Screen ID:	1005378042
Layer:	1
Slot:	10
Screen Top Depth:	1.51999998092651
Screen End Depth:	3.03999996185303
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6

Water Details

Water ID:	1005378040
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005378039
Diameter:	15.239999771118164
Depth From:	0.0
Depth To:	3.0399999618530273
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>20</u>	2 of 2	N/57.4	179.8 / 0.00	676 MAIN STREET W Port Colborne ON	V. lot 32 con 2 WW/S
Well ID:		7226000		Data Entry Status:	
Constructi				Data Src:	
Primary Wa	ater Use:	Monitoring		Date Received:	8/22/2014
Sec. Water	· Use:			Selected Flag:	True
Final Well	Status:	Observation Wells		Abandonment Rec:	
Water Type	e:			Contractor:	7464
Casing Ma	terial:			Form Version:	7
Audit No:		Z168008		Owner:	
Tag:		A165980		Street Name:	676 MAIN STREET W.
Constructi	on Method:			County:	NIAGARA
Elevation (m):			Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation H	Reliability:			Site Info:	
Depth to B	edrock:			Lot:	032
Well Depth	n:			Concession:	02
Overburde	n/Bedrock:			Concession Name:	CON
Pump Rate):			Easting NAD83:	
Static Wate				Northing NAD83:	
Flowing (Y	/N):			Zone:	
Flow Rate:				UTM Reliability:	
Clear/Clou	dy:				
PDF URL (Мар):	https://d2khazł	<8e83rdv.cloudfront.net	t/moe_mapping/downloads	/2Water/Wells_pdfs/722\7226000.pdf

Well Completed Date: Year Completed: Depth (m):

erisinfo.com | Environmental Risk Information Services

2014/07/11 2014 3.048

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Latitude: Longitude: Path:		42.8919366055282 -79.273195518041 722\7226000.pdf				
Bore Hole Infe	ormation					
Improvement	s: c: ed: 11-Jul-2 rce Date: Location Source: Location Method: ion Comment:	96688 2014 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	180.407058 17 640997.00 4750261.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth:	1005330986 3 6 BROWN 10 COARSE SAND 08 FINE SAND 6.0 10.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Formation ID: Layer: Color:	r: n Material: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	1005330985 2 GREY 06 SILT 28 SAND 34 TILL 2.0 6.0 ft 1005330984 1 2				
83	<u>erisinfo.com</u> Env	vironmental Risk Info	rmation Servic	es	Order No: 2111230	0694

• •	lumber of lecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color: Mat1:		GREY 11			
Most Common M Mat2:	laterial:	GRAVEL 28			
Mat2 Desc:		SAND			
Mat3: Mat3 Desc:		01 FILL			
Formation Top D	epth:	0.0			
Formation End D Formation End D		2.0 ft			
<u>Annular Space/A</u> <u>Sealing Record</u>	<u>bandonment</u>				
Plug ID:		1005330994			
Layer: Plug From:		2 4.5			
Plug To:		10			
Plug Depth UOM	:	ft			
<u>Annular Space/A</u> <u>Sealing Record</u>	<u>bandonment</u>				
Plug ID:		1005330993			
Layer:		1			
Plug From: Plug To:		0 4.5			
Plug Depth UOM	:	ft			
<u>Method of Const</u> <u>Use</u>	ruction & Well				
Method Construct Method Construct Method Construct Other Method Co	ction Code: ction:	1005330992 6 Boring			
Pipe Information					
Pipe ID:		1005330983			
Casing No: Comment: Alt Name:		0			
Construction Red	cord - Screen				
Screen ID:		1005330990			
Layer:		1			
Slot: Screen Ton Dent	<i>b</i> -	10 5			
Screen Top Dept Screen End Dept	n. th:	5 10			
Screen Material:		5			
Screen Depth UC Screen Diameter Screen Diameter	UOM:	ft inch 6			
Water Details					
Water ID:		1005330988			
Layer: Kind Code:					

· · · · · ·	Number of Records	Direction/ Distance (m	Elev/Diff) (m)	Site		Ľ
Kind:						
Nater Found De	•	4				
Water Found De	pth UOM:	ft				
Hole Diameter						
Hole ID:		1005330987				
Diameter:		6.0				
Depth From:		0.0				
Depth To:		10.0				
Hole Depth UOM		ft				
Hole Diameter U	IOM:	inch				
<u>21</u> 1 0	of 1	WSW/63.7	177.4 / -2.50	lot 1 con 1 ON		ww
Well ID:	660421	0		Data Entry Status:		
Construction Da				Data Src:	1	
Primary Water U		ic		Date Received:	8/28/1995	
Sec. Water Use:				Selected Flag:	True	
Final Well Status	s: Water S	ырріу		Abandonment Rec: Contractor:	4795	
Water Type: Casing Material:				Form Version:	1	
Audit No:	165303			Owner:	1	
Tag:	100000			Street Name:		
Construction Me	ethod:			County:	NIAGARA	
Elevation (m):				Municipality:	WAINFLEET TOWNSHIP	
Elevation Reliab	•			Site Info:		
Depth to Bedroc	:k:			Lot:	001 01	
Well Depth: Overburden/Bed	trock:			Concession: Concession Name:	CON	
Pump Rate:	NOCK.			Easting NAD83:	CON	
Static Water Lev	vel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map):		https://d2khazk8e	83rdv.cloudfront.ne	t/moe_mapping/downloads/	/2Water/Wells_pdfs/660\6604210.pdf	
Additional Detail	<u>I(s) (Map)</u>					
		1995/08/16				
		1333/00/10				
Year Completed		1995				
Year Completed. Depth (m):		1995 14.6304				
Year Completed Depth (m): Latitude:		1995 14.6304 42.88714117115				
Well Completed Year Completed Depth (m): Latitude: Longitude: Path:		1995 14.6304				
Year Completed Depth (m): Latitude: Longitude: Path:	:	1995 14.6304 42.88714117115 -79.28125240385				
Year Completed Depth (m): Latitude: Longitude: Path: Bore Hole Inforn Bore Hole ID:	: <u>nation</u> 1046384	1995 14.6304 42.88714117115 -79.28125240385 660\6604210.pdf		Elevation:	176.784942	
Year Completed Depth (m): Latitude: Longitude: Path: Bore Hole Inforn Bore Hole ID: DP2BR:	: <u>nation</u> 1046384 3.00	1995 14.6304 42.88714117115 -79.28125240385 660\6604210.pdf		Elevrc:		
Year Completed Depth (m): Latitude: Path: Bore Hole Inforn Bore Hole ID: DP2BR: Spatial Status:	: <u>nation</u> 104638 3.00 Improve	1995 14.6304 42.88714117115 -79.28125240385 660\6604210.pdf		Elevrc: Zone:	17	
Year Completed Depth (m): Latitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB:	<u>nation</u> 104638 3.00 Improve r	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83:	17 640350.00	
Year Completed Depth (m): Latitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	: <u>nation</u> 104638 3.00 Improve	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83: North83:	17 640350.00 4749715.00	
Year Completed Depth (m): Latitude: Longitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	<u>nation</u> 104638 3.00 Improve r	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83:	17 640350.00	
Year Completed Depth (m): Latitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	: <u>nation</u> 1046384 3.00 Improve r Bedrock	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83: North83: Org CS:	17 640350.00 4749715.00 N83	
Year Completed Depth (m): Latitude: Path: Path: Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed. Remarks:	: <u>nation</u> 1046384 3.00 Improve r Bedrock	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 640350.00 4749715.00 N83 3	
Year Completed Depth (m): Latitude: Longitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed Remarks: Elevrc Desc:	: nation 1046384 3.00 Improve r Bedrock : 16-Aug-	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640350.00 4749715.00 N83 3	
Year Completed Depth (m): Latitude: Longitude: Path: Bore Hole Inform Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc: Dpen Hole: Cluster Kind: Date Completed Remarks:	nation 1046384 3.00 Improve r Bedrock : 16-Aug- Date:	1995 14.6304 42.887141171156 -79.28125240385 660\6604210.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 640350.00 4749715.00 N83 3	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
	Location Method: ion Comment: iment:			n changed. Location estimated from sketch map her than a Lot Centroid in December 2009.	D.
Overburden a Materials Inte					
Formation ID:	;	932601671			
Layer:		1			
Color: General Colo		2 GREY			
General Colo Mat1:	r.	12			
Most Commo	n Material:	STONES			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc: Formation To	n Donth:	0.0			
Formation En		3.0			
	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
		000001070			
Formation ID: Layer:		932601672 2			
Color:		2			
General Colo	r:	GREY			
Mat1:		17			
Most Commo	n Material:	SHALE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3: Mat3 Desc:					
Formation To	n Denth:	3.0			
Formation En	d Depth:	6.0			
	d Depth UOM:	ft			
Overburden a Materials Inte					
Formation ID:		932601673			
Layer:		3			
Color:		2			
General Colo	r:	GREY			
Mat1: Maat Commo	n Matari-l-	15 LIMESTONE			
Most Commo Mat2:	n Material:	LIMESTONE 74			
Matz. Mat2 Desc:		LAYERED			
Mat2: Desc. Mat3:		ENTENED			
Mat3 Desc:					
Formation To		6.0			
Formation En		48.0			
⊢ormation En	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	966604210			
	truction Code:	1			
Method Cons	truction:	Cable Tool			
Other Method	Construction:				

Pipe Information

Pipe ID:	11012377
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930753432 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930753433
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996604210
Pump Set At: Static Level:	15.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	40.0
Pumping Rate:	18.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934344618
Test Type:	Recovery
Test Duration:	15
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Der Test Type: Test Duration: Test Level: Test Level UO			934866162 Recovery 45 15.0 ft			
Draw Down &	<u>Recovery</u>					
Pump Test Der Test Type: Test Duration: Test Level: Test Level UO			934611974 Recovery 30 15.0 ft			
Draw Down &	<u>Recovery</u>					
Pump Test Der Test Type: Test Duration: Test Level: Test Level UO			935122161 Recovery 60 15.0 ft			
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I		Л:	933951577 1 1 FRESH 46.0 ft			
22	1 of 1		NE/72.3	180.4 / 0.53	lot 31 con 2 ON	wwis
Well ID: Construction I Primary Water Sec. Water Use Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction In Elevation (m): Elevation Relia Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Lo Flowing (Y/N): Flow Rate: Clear/Cloudy:	Use: e: fus: al: Method: ability: ock: edrock: evel:	6601061 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/26/1949 True 3017 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE) 031 02 CON
PDF URL (Map	o):		https://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/660\6601061.pdf
Additional Det	ail(s) (Map	2)				
Well Complete Year Complete Depth (m):			1948/08/07 1948 7.0104			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Latitude: Longitude: Path:		42.8921097018147 -79.2697505458849 660\6601061.pdf				
Bore Hole Info	ormation					
	r Bedroci ed: 07-Aug rce Date: Location Source: Location Method: fon Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	180.701324 17 641277.90 4750286.00 9 unknown UTM p9	
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	: n Material: o Depth: d Depth:	932590503 1 15 LIMESTONE 0.0 23.0 ft				
<u>Method of Cor</u> <u>Use</u>	nstruction & Well					
Method Const Method Const Method Const Other Method	truction Code:	966601061 1 Cable Tool				
<u>Pipe Informati</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:		11009365 1				
Results of We	ll Yield Testing					
Pump Test ID: Pump Set At: Static Level: Final Level Aft Recommended Pumping Rate	ter Pumping: d Pump Depth:	996601061 23.0 27.0 17.0				

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Dur Flowing: <u>Nater Details</u> Nater ID: Layer: Kind Code: Kind: Water Found	ed Pump Ra After Test Co After Test: St Method: ration HR: ration MIN:	ode:	17.0 ft GPM 1 CLEAR 1 4 0 No 933948335 1 1 FRESH 22.0				
Vater Found	1 of 1	1:	ft	177.7 / -2.12	lot 1 con 1		
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Dverburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	er Use: lse: atus: rial: Method: liability: liability: lrock: Bedrock: Level:):	6603517 Domestic 0 Water Sup	קוסנ		ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/2/1982 True 3640 1 NIAGARA WAINFLEET TOWNSHIP 001 01 CON	
PDF URL (Ma	ap):		https://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/660\6603517.pdf	
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ted Date:	- - - -	1982/06/14 1982 13.716 42.8879360530917 -79.2814152437903 660\6603517.pdf				
Bore Hole Inf		40400400				170 500070	
Bore Hole ID: DP2BR: Spatial Status		10463126 2.00 r			Elevation: Elevrc: Zone: East83:	176.593673 17 640334.90	

mprovement L Source Revisio Supplier Comn	ce Date: .ocation Source: .ocation Method: on Comment: nent:	-1982 00:00:00	Org CS: UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m p4	
Date Complete Remarks: Elevrc Desc: Location Sourd Improvement L Improvement L Source Revisio Supplier Comn	ce Date: .ocation Source: .ocation Method: on Comment: nent:	-1982 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks: Elevrc Desc: Location Sourc Improvement L Improvement L Source Revisio Supplier Comn	ce Date: .ocation Source: .ocation Method: on Comment: nent:	-1982 00:00:00	• • • • • • • • • • • • • • • • • • • •	0	
Elevrc Desc: Location Sourd Improvement L Improvement L Source Revisic Supplier Comn	ocation Source: ocation Method: on Comment: nent:		Location Method:	p4	
Location Sourd Improvement L Improvement L Source Revisio Supplier Comn	ocation Source: ocation Method: on Comment: nent:				
Location Sourd Improvement L Improvement L Source Revisio Supplier Comn	ocation Source: ocation Method: on Comment: nent:				
mprovement L mprovement L Source Revisic Supplier Comn	ocation Source: ocation Method: on Comment: nent:				
mprovement L Source Revisio Supplier Comn	ocation Method: on Comment: nent:				
Source Revisic Supplier Comn	on Comment: nent:				
Supplier Comn	nent:				
Overburden an					
Materials Interv	<u>id Bedrock</u>				
	vai				
Formation ID:		932598540			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common	Material	TOPSOIL			
Mat2:	material.	85			
viatz: Mat2 Desc:		80 SOFT			
		SUFT			
Mat3:					
Mat3 Desc:					
Formation Top		0.0			
Formation End		2.0			
Formation End	I Depth UOM:	ft			
Overburden an Materials Interv					
Formation ID:		932598541			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common	Material	LIMESTONE			
Mat2:	material.	74			
Mat2 Desc:		LAYERED			
		LATERED			
Mat3:					
Mat3 Desc:	-				
Formation Top		2.0			
Formation End	I Depth:	45.0			
Formation End	I Depth UOM:	ft			
<u>Method of Con</u> Use	struction & Well				
Vethod Constr	ruction ID:	966603517			
Wethod Constr Wethod Constr		1			
Method Constr		Cable Tool			
Other Method (Construction:				
Pipe Informatio	<u>on</u>				
Pipe ID:		11011696			
Casing No:		1			
Comment:					
Alt Name:					
·					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930752465			
Layer:		2			
Material:		4			
Open Hole o	r Material:	OPEN HOLE			
Depth From:					
Depth To:		45			
Casing Diam	eter:	6			
Casing Diam	eter UOM:	inch			
Casing Deptl	h UOM:	ft			

Construction Record - Casing

Casing ID:	930752464
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:	996603517
Pump Set At:	45.0
Static Level:	15.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	35.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID: 9	934343474		
Test Type:	raw Down		
Test Duration: 1	5		
Test Level: 3	5.0		
Test Level UOM: ft			

Draw Down & Recovery

Pump Test Detail ID:	934865023
Test Type:	Draw Down
Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: Test Type: Test Duration:

935129803 Draw Down 60

Map Key	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level: Test Level UG	ОМ:	35.0 ft			
<u>Draw Down 8</u>	& Recovery				
Pump Test D Test Type: Test Duratior Test Level: Test Level U(n:	934610833 Draw Down 30 35.0 ft			
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933950789 1 3 SULPHUR 32.0 : ft			
<u>24</u>	1 of 1	ENE/78.6	180.8 / 1.00	PORT COLBORNE (SHEBA CRES./FIRS PORT COLBORNE (
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name: Client Name: Client Addres Client City: Client Postal Project Desci Contaminant Emission Col	Year: be: Type: ss: Code: ription: s:	7-0731-92- 92 7/29/1992 Municipal water Approved			
<u>25</u>	1 of 1	NW/86.8	179.8 / 0.00	lot 33 con 2 ON	WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: lse: atus: rial: Method: liability: liability: Bedrock: Bedrock: Level:):	6601079 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 5/21/1954 True 4720 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE) 033 02 CON

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
PDF URL (Map	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/660\6601079.pdf	
Additional Det	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1954/05/14 1954 10.668 42.8917175145081 -79.2765829677766 660\6601079.pdf				
Bore Hole Info	ormation					
	r Bedro ed: 14-Ma rce Date: Location Source: Location Method. fon Comment:	ck y-1954 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	180.192306 17 640720.90 4750231.00 9 unknown UTM p9	
Overburden al Materials Inter						
Formation ID: Layer: Color: General Color. Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc:	: n Material:	932590541 2 15 LIMESTONE 17 SHALE				
Formation Top Formation End Formation End	d Depth:	4.0 35.0 ft				
Overburden al Materials Inter						
Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2:	:	932590540 1 02 TOPSOIL 09				
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation Enc Formation Enc	d Depth:	MEDIUM SAND 0.0 4.0 ft				

Method of Construction & Well	
<u>Use</u>	
Method Construction ID: Method Construction Code:	966601079 1
Method Construction: Other Method Construction:	Cable Tool
Pipe Information	
Pipe ID:	11009383
Casing No: Comment:	1
Alt Name:	
Construction Record - Casing	
Casing ID:	930748516
Layer: Material:	2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	35
Casing Diameter:	6
Casing Diameter UOM:	inch ft
Casing Depth UOM:	π
Construction Record - Casing	
Casing ID:	930748515
Layer:	1
Material:	1 STEEL
Open Hole or Material: Depth From:	STEEL
Depth To:	4
Casing Diameter:	6
Casing Diameter UOM: Casing Depth UOM:	inch ft
Results of Well Yield Testing	

Pump Test ID:	996601079
Pump Set At:	
Static Level:	16.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	
Pumping Rate:	4.0
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:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Map Key Numb Recor			Site		DE
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth U0	933948354 1 1 FRESH 35.0 DM: ft				
26 1 of 6	E/97.0	179.8 / 0.00	Mapleview Medical (340 Elgin Street Port Colborne ON L		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON9498143 2016 No 621110, 621510 OFFICES OF F	PHYSICIANS, MEDIC	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: AL AND DIAGNOSTIC LAE	Canada CO_OFFICIAL Lynda Collard 9058359817 Ext. BORATORIES	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	261 PHARMACEUT	FICALS			
Waste Class: Waste Class Desc:	312 PATHOLOGIC	AL WASTES			
26 2 of 6	E/97.0	179.8 / 0.00	Mapleview Medical (340 Elgin Street Port Colborne ON L		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Code: SIC Description:	ON9498143 2015 No 621110, 621510 OFFICES OF F	PHYSICIANS, MEDIC	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: AL AND DIAGNOSTIC LAE	Canada CO_OFFICIAL Lynda Collard 9058359817 Ext. 30RATORIES	
Detail(s)					
Waste Class: Waste Class Desc:	312 PATHOLOGIC	AL WASTES			
Waste Class: Waste Class Desc:	261 PHARMACEUT	FICALS			
26 3 of 6	E/97.0	179.8 / 0.00	Mapleview Medical 340 Elgin Street Port Colborne ON L		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON9498143 2014 No No 621110, 621510 OFFICES OF F		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Lynda Collard 9058359817 Ext.	

<u>Detail(s)</u>

Мар Кеу	Numbe Record		Elev/Diff (m)	Site	D
Waste Class: Waste Class Desc:		312 PATHOLOGICAL V	VASTES		
Waste Class Waste Class		261 PHARMACEUTICA	LS		
<u>26</u>	4 of 6	E/97.0	179.8 / 0.00	Mapleview Medical Clinic 340 Elgin Street Port Colborne ON L3K6G9	GEN
Generator N Status: Approval Ye Contam. Faci MHSW Facil SIC Code: SIC Descript	ars: cility: ity:	ON9498143 Registered As of Dec 2018		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class Waste Class	-	261 A Pharmaceuticals			
Waste Class Waste Class		312 P Pathological waster	6		
<u>26</u>	5 of 6	E/97.0	179.8 / 0.00	<i>Mapleview Medical Clinic 340 Elgin Street Port Colborne ON L3K6G9</i>	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil. SIC Code: SIC Descript	ars: cility: ity:	ON9498143 Registered As of Jul 2020		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class Waste Class		312 P Pathological wastes	6		
Waste Class Waste Class		261 A Pharmaceuticals			
<u>26</u>	6 of 6	E/97.0	179.8 / 0.00	Mapleview Medical Clinic 340 Elgin Street Port Colborne ON L3K6G9	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil. SIC Code: SIC Descript	ars: :ility: ity:	ON9498143 Registered As of Aug 2021		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Jetan(3)					

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Waste Class De	esc:	Pharmaceuticals			
Waste Class:		312 P			
Waste Class De	esc:	Pathological waste	S		
<u>27</u> 1	of 1	ENE/104.0	180.8 / 1.00	lot 30 con 2 ON	wwi
Well ID:	660 ²	1056		Data Entry Status:	
Construction Da				Data Src:	1
Primary Water l		nestic		Date Received:	8/21/1952
Sec. Water Use.		a .		Selected Flag:	True
Final Well Statu	is: Wate	er Supply		Abandonment Rec:	0040
Water Type:				Contractor:	3210
Casing Material Audit No:	l:			Form Version: Owner:	1
Tag:				Street Name:	
Construction M	lethod:			County:	NIAGARA
Elevation (m):				Municipality:	PORT COLBORNE CITY (HUMBERSTONE
Elevation Relial	bility:			Site Info:	Υ.
Depth to Bedro	ck:			Lot:	030
Well Depth:				Concession:	02
Overburden/Be	drock:			Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Le Flowing (Y/N):	vel:			Northing NAD83: Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:				o nii Kenabiiity.	
PDF URL (Map)		https://d2khazk8e8	3rdv cloudfront ne	at/moe_manning/downloads	s/2Water/Wells_pdfs/660\6601056.pdf
	-				
Additional Deta	<u>iil(s) (Map)</u>				
Well Completed	d Date:	1952/07/19			
Year Completed	d:	1952			
Depth (m):		12.4968			
Latitude:		42.892154719717			
Longitude:		-79.264397408286	54		
Path:		660\6601056.pdf			
Bore Hole Infor	mation				
Bore Hole ID:		60790		Elevation:	181.748672
DP2BR:	4.00			Elevrc:	47
Spatial Status:	_			Zone:	17
Code OB:	r Bedi	rook		East83:	641714.90
Code OB Desc: Open Hole:	Bed	IUUK		North83: Org CS:	4750300.00
Cluster Kind:				UTMRC:	9
Date Completed	d: 19-J	lul-1952 00:00:00		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					•
Location Sourc	e Date:				
Improvement L					
	ocation Metho	od:			
•	n Comment:				
Source Revision					
•	ient:				
Source Revisio					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color: General Colo	. <i></i>				
Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3: Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation Er	nd Depth:	4.0			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID):	932590495			
Layer: Color:		2			
General Colo	or:				
Mat1:		17			
Most Commo	on Material:	SHALE			
Mat2: Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation To Formation Er		4.0 41.0			
	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	966601056			
	struction Code:	1			
Method Cons Other Method	struction: d Construction:	Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		11009360			
Casing No:		1			
Comment: Alt Name:					
All Name.					
Construction	n Record - Casing				
Casing ID:		930748471			
Layer: Material:		1 1			
Material: Open Hole of	r Material:	STEEL			
Depth From:		-·			
Depth To:		4			
Casing Diam Casing Diam	eter: eter UOM [.]	6 inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930748472			
Layer:		2			
Material:		4			

Map Key	Number Records		Direction/ Distance (m	Elev/Diff) (m)	Site		Di
Open Hole o Depth From:			OPEN HOLE				
Depth To:			41				
Casing Diam	eter:		6				
Casing Diam			inch				
Casing Depti	h UOM:		ft				
Results of W	lell Yield Te	<u>sting</u>					
Pump Test IL			996601056				
Pump Set At. Static Level:			17.0				
Final Level A		na.	17.0				
Recommend	•	•					
Pumping Rat		•					
Flowing Rate							
Recommend		ate:	<i>.</i> .				
Levels UOM: Rate UOM:			ft GPM				
Rate OOM: Water State	Aftor Tost C	ode.	1				
Water State		oue.	CLEAR				
Pumping Tes			2				
Pumping Du							
Pumping Du	ration MIN:						
Flowing:			No				
Water Details	e						
Match Details	2						
	2		933948330				
Water ID: Layer:	2		1				
Water ID: Layer: Kind Code:	2		1 1				
Water ID: Layer: Kind Code: Kind:	_		1 1 FRESH				
Water ID: Layer: Kind Code: Kind: Water Found	l Depth:	М:	1 1				
Water ID: Layer: Kind Code: Kind: Water Found	l Depth:	И:	1 1 FRESH 41.0	179.8 / 0.00	Canadian Niagara Por	wer Inc.	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOI	И:	1 1 FRESH 41.0 ft	179.8 / 0.00	Canadian Niagara Por 1776 Miner Road Port Colborne ON	wer Inc.	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No:	l Depth: I Depth UOI	0484-AU	1 1 FRESH 41.0 ft <i>NW/110.1</i>	179.8 / 0.00	1776 Miner Road Port Colborne ON Discharger Report:	wer Inc.	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No:	l Depth: I Depth UOI		1 1 FRESH 41.0 ft <i>NW/110.1</i> MVC2	179.8 / 0.00	1776 Miner Road Port Colborne ON	wer Inc. 2 - Minor Environment	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No: Incident Dt:	l Depth: I Depth UOI	0484-AU NA	1 1 FRESH 41.0 ft <i>NW/110.1</i> MVC2	179.8 / 0.00	1776 Miner Road Port Colborne ON Discharger Report: Material Group:		SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Site No: Incident Dt: Year: Incident Cau	I Depth: I Depth UOI 1 of 1 1 se:	0484-AU NA 2018/01/	1 1 FRESH 41.0 ft <i>NW/110.1</i> ////////////////////////////////////	179.8 / 0.00	1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:	2 - Minor Environment	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Site No: Incident Dt: Year: Incident Cau Incident Evel	I Depth: I Depth UOI 1 of 1 1 se: nt:	0484-AU NA 2018/01/ Leak/Bre	1 1 FRESH 41.0 ft <i>NW/110.1</i> ////////////////////////////////////	179.8 / 0.00	1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:	2 - Minor Environment Corporation	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No: Site No: Incident Dt: Year: Incident Cau Incident Even Contaminant	I Depth: I Depth UOI 1 of 1 I of 1 Ise: nt: t Code:	0484-AU NA 2018/01/ Leak/Bre 15	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	2 - Minor Environment Corporation Miscellaneous Communal	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Even Contaminant Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 se: nt: t Code: t Name:	0484-AU NA 2018/01/ Leak/Bre 15	1 1 FRESH 41.0 ft <i>NW/110.1</i> ////////////////////////////////////		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Even Contaminant Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 se: nt: t Code: t Name: t Limit 1:	0484-AU NA 2018/01/ Leak/Bre 15	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	2 - Minor Environment Corporation Miscellaneous Communal	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Ever Contaminant Contaminant Contaminant Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 se: nt: t Code: t Code: t Name: t Limit 1: it Freq 1: t UN No 1:	0484-AU NA 2018/01/ Leak/Bre 15	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Ever Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 t code: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Evei Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 t code: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Evel Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Receiving Mo	I Depth: I Depth UOI 1 of 1 1 of 1 t code: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Receiving Ma Receiving Er	I Depth: I Depth UOI 1 of 1 1 of 1 i code: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminant Contaminant Contaminant Contaminant Environment Nature of Im Receiving Er MOE Resport	I Depth: I Depth UOI 1 of 1 1 of 1 i of 1 i of 1 i code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land	1 1 FRESH 41.0 ft <i>NW/110.1</i> //02 //02		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Kegion: Site Lot: Site Conc: Northing:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found <u>28</u> Ref No: Site No: Incident Dt: Year: Incident Cau Incident Even Contaminant	I Depth: I Depth UOI 1 of 1 1 of 1 ise: nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn: ed Dt:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land No 2018/01/	1 1 FRESH 41.0 ft NW/110.1 NW/22 /02 eak FORMER OIL (N.O.		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022 640775	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found 28 28 Ref No: Site No: Incident Dt: Year: Incident Cau Incident Dt: Year: Contaminant Contam	I Depth: I Depth UOI I Depth UOI 1 of 1 1 of 1 it Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn: ed Dt: t Closed:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land No 2018/01/ 2018/01/	1 1 FRESH 41.0 ft NW/110.1 NW/22 /02 eak FORMER OIL (N.O.		1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022 640775 Land Spills	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found 28 Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminant Con	I Depth: I Depth UOI I Depth UOI 1 of 1 1 of 1 it Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn: ed Dt: t Closed:	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land No 2018/01/ 2018/01/	1 1 FRESH 41.0 ft <i>NW/110.1</i> ////////////////////////////////////	.S.)	1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Gap Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022 640775	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found 28 Ref No: Site No: Incident Dt: Year: Incident Evel Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Ma Receiving Ma Receiving Ma Receiving Er MOE Resport Dt MOE Resport Dt MOE Resport Dt Document Incident Rea Site Name:	I Depth: I Depth UOI 1 of 1 1	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land No 2018/01/ 2018/01/	1 1 FRESH 41.0 ft NW/110.1 MVC2 /02 /02 /02 /02 /02 /08 ent Failure Pole Mounted Tra	.S.) ansformer location <	1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Gap Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022 640775 Land Spills	SPL
Water ID: Layer: Kind Code: Kind: Water Found Water Found	I Depth: I Depth UOI 1 of 1 1	0484-AU NA 2018/01/ Leak/Bre 15 TRANSF n/a Land No 2018/01/ 2018/01/	1 1 FRESH 41.0 ft <i>NW/110.1</i> ////////////////////////////////////	.S.) ansformer location <	1776 Miner Road Port Colborne ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Gap Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Communal 1776 Miner Road Niagara West Central Port Colborne 4752022 640775 Land Spills	SPL

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff) (m)	Site	D
Contaminant	Qty:		2 L			
<u>29</u>	1 of 1		ESE/118.9	178.8 / -1.00	ON	BOR
					ON	
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Water Sec. Water Us Total Depth Ref: Depth Ref: Depth Elev: Drill Method:	evel: r Use: :e:	604914 2155067 Borehole Geotechi DEC-196 Not Used 2 Ground S Boring	e nical/Geological Inv 58 d	vestigation	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing:	No Initial Entry No No 42.886 -79.266896 17 641525 4749612
Orig Ground E Elev Reliabil M DEM Ground I Concession: Location D: Survey D: Comments:	lote:	178 178			Location Accuracy: Accuracy:	Not Applicable
Borehole Geo	logy Strati	<u>um</u>				
Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desci	: : Descriptior	2183665 1.4 2 Grey Bedrock Limestor	ne	STONE CHERT G	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	0045041 **Note: Many records provided by the
	· · · · · ·			a truncated [Stratum		
Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desci	: Descriptior	2183665 0 1.4 Brown Sand Silt Gravel Clay 1 :		SILT, GRAVEL,CLA	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Y. BROWN,FIRM.	Firm Medium
Source						
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name:		Data Sur Geologic 1956-197 H	al Survey of Canac 72	la utomated Informatio	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: n System (UGAIS)	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Source List							
Source Identi Source Type: Source Date: Scale or Reso		1 Data Surv 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Source Name Source Origin):		Urban Geology Auto Geological Survey o		on System (UGAIS)		
<u>30</u>	1 of 1		W/124.7	177.8 / -2.00	lot 1 con 1 ON		WWIS
Well ID: Construction	Date:	6604539			Data Entry Status: Data Src:	1	
Primary Wate Sec. Water Us	se:	Domestic			Date Received: Selected Flag:	4/18/2001 True	
Final Well Sta Water Type:		Water Su	oply		Abandonment Rec: Contractor:	4795	
Casing Mater Audit No: Tag:	iai:	219385			Form Version: Owner: Street Name:	1	
Construction Elevation (m) Elevation Rel	:				County: Municipality: Site Info:	NIAGARA WAINFLEET TOWNSHIP	
Depth to Bed Well Depth:	rock:				Lot: Concession:	001 01	
Overburden/L Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	Level:				Concession Name: Easting NAD83: Northing NAD83: Zone:	CON	
Clear/Cloudy	:				UTM Reliability:		
PDF URL (Ma	p):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/660\6604539.pdf	
Additional De	etail(s) (Maj	<u>o)</u>					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:			2001/03/09 2001 24.6888 42.889953411801 -79.2820315496238 660\6604539.pdf	i			
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status		10464136 4.00 Improved	i		Elevation: Elevrc: Zone:	178.029449 17	
Code OB: Code OB Des Open Hole: Cluster Kind:		r Bedrock			East83: North83: Org CS: UTMRC:	640280.00 4750026.00 N83 3	
Date Complea Remarks: Elevrc Desc:	ted:	09-Mar-20	001 00:00:00		UTMRC Desc: Location Method:	margin of error : 10 - 30 m	
Location Sou Improvement Improvement Source Revis	Location S	Method:	1999-2004 MOE Wa GIS Northing and/or Eas		provement Project en changed. Location estim	ated from sketch map.	
	nment:		Determined to be ar				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden a Materials Inte					
Formation ID	:	932603043			
Layer:		1			
Color:		8			
General Colo	r:	BLACK			
Mat1:		02			
Most Commo Mat2:	on Material:	TOPSOIL 79			
		PACKED			
Mat2 Desc: Mat3:		FACKED			
Mat3 Desc:					
Formation To		0.0			
Formation En		2.0			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID		932603044			
Layer:	•	2			
Color:		6			
General Colo	r.	BROWN			
Mat1:		05			
Most Commo	n Material	CLAY			
Mat2:	in material.	79			
Mat2 Desc:		PACKED			
Mat2 Desc. Mat3:		TAORED			
Mat3. Mat3 Desc:					
Formation To	n Denth	2.0			
Formation En		4.0			
	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID		932603045			
Layer:	-	3			
Color:		2			
General Colo	r:	GREY			
Mat1:		17			
Most Commo	on Material:	SHALE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:					
Mat3 Desc:					
Formation To	op Depth:	4.0			
Formation En	nd Depth:	5.0			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID	:	932603046			
Layer:		4			
Color:		2			
General Colo	r:	GREY			
		15			
Mat1:					
	on Material:	LIMESTONE			
Mat1:	on Material:	74			
Mat1: Most Commo	on Material:				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:	5 4	5.0			
Formation To Formation En	p Depth: d Depthy	5.0 81.0			
Formation En	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction ID:	966604539			
Method Cons	truction Code:	1			
Method Cons Other Method	truction: Construction:	Cable Tool			
<u>Pipe Informat</u>	tion				
Pipe ID:		11012706			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930753905			
Layer: Material:		2 4			
Open Hole or	Material	4 OPEN HOLE			
Depth From:	matorian	00			
Depth To:		_			
Casing Diame		5 inch			
Casing Diame Casing Depth		ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930753904			
Layer:		1			
Material:	Matarial	1 STEEL			
Open Hole or Depth From:	waterial:	SIEEL			
Depth To:					
Casing Diame		5			
Casing Diame Casing Depth		inch ft			
Results of We	ell Yield Testing				
Pump Test ID		996604539			
Pump Set At:		47.0			
Static Level:	fter Pumping:	17.0 19.0			
	ed Pump Depth:	25.0			
Pumping Rate	e:	21.0			
Flowing Rate	:				
Recommende Levels UOM:	ed Pump Rate:	ft			
Rate UOM:		ft GPM			
Water State A	After Test Code:	1			
Water State A		CLEAR			
Pumping Tes		2			
Pumping Dur Pumping Dur		2 15			
Flowing:		No			
		-			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down </u>	& Recovery				
Pump Test L Test Type:	Detail ID:	934345179			
Test Duratio	n:	15			
Test Level:		17.0			
Test Level U	IOM:	ft			
<u>Draw Down </u>	& Recovery				
Pump Test L Test Type:	Detail ID:	934612534			
Test Duratio	n [.]	30			
Test Level:		17.0			
Test Level U	OM:	ft			
Draw Down	<u>& Recovery</u>				
Pump Test L Test Type:	Detail ID:	934866722			
Test Duratio	n:	45			
Test Level:		17.0			
Test Level U	OM:	ft			
Draw Down	& Recovery				
Pump Test L Test Type:	Detail ID:	935122722			
Test Duratio	n:	60			
Test Level:		17.0			
Test Level U	OM:	ft			
Water Detail	<u>s</u>				
Water ID:		933951924			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	d Depth:	79.0			
Water Found	d Depth UOM:	ft			
<u>31</u>	1 of 2	ENE/132.2	180.8 / 1.00	Everyday Publications Inc. 310 Killaly St W Port Colborne ON L3K 6A6	SCT
Established: Plant Size (fi Employment	t²):	01-JAN-64 2500			
Details					
Description: SIC/NAICS C		Book Publishers 511130			
<u>31</u>	2 of 2	ENE/132.2	180.8 / 1.00	Everyday Newsletter - 310 Killaly St W Port Colborne ON L3K 6A6	SCT

Order No: 21112300694

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Records		Elev/Diff (m)	Site		DE
Established: Plant Size (ft²) Employment:	:	1964 2500 6				
<u>Details</u> Description: SIC/NAICS Co	de:	Periodical Publish	ers			
Description: SIC/NAICS Co	de:	Book Publishers 511130				
<u>32</u>	1 of 1	ENE/134.0	180.8 / 1.00	Newport Signs 300 Killaly St W Unit Port Colborne ON L3		SC
Established: Plant Size (ft²). Employment:	:	01-JUL-88 1800				
<u>Details</u> Description: SIC/NAICS Co	de:	Sign Manufacturin 339950	g			
Description: SIC/NAICS Co	de:	All Other Textile P 314990	roduct Mills			
33	1 of 1	ENE/158.5	180.8 / 1.00	PIPELINE HIT 46 WEST SIDE ROAL L3K 5K6,CA ON	D,,PORT COLBORNE,ON,	PINC
Incident ID: Incident No: Incident Report Type: Status Code: Tank Status: Task No: Spills Action C Fuel Type: Fuel Occurren Date of Occurr Occurrence St Depth: Customer Acc Incident Addres Operation Type Regulator Type Summary: Reported By: Affiliation: Occurrence De Damage Reaso Notes:	Centre: rence: tart Dt: ess: ess: ee: e: ee:		DAD,,PORT COLE DAD, PORT COLE	Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: SORNE,ON,L3K 5K6,CA	Natural Gas Yes FS-Perform P-line Inc Invest E-mail	
34	1 of 1	WNW/162.7	179.8 / 0.00	lot 33 con 2		WWI

D		Site	Elev/Diff (m)	Direction/ Distance (m)		Numbe Record	Map Key
		Data Entry Status:			6601082		Well ID:
1	1	Data Src:				Date:	Construction
9/23/1959	9/	Date Received:			Domestic	r Use:	Primary Wate
True	T	Selected Flag:			0		Sec. Water Us
		Abandonment Rec:		y	Water Supply	ntus:	Final Well Sta
2526	25	Contractor:		,			Water Type:
1	1	Form Version:				ial:	Casing Mater
		Owner:					Audit No:
		Street Name:					Tag:
NIAGARA	N	County:				Method:	Construction
PORT COLBORNE CITY (HUMBERSTONE	P	Municipality:				:	Elevation (m)
Υ Υ		Site Info:					Elevation Rel
033	03	Lot:				•	Depth to Bed
02	02	Concession:					Well Depth:
CON	Ċ	Concession Name:				Bedrock:	Overburden/E
		Easting NAD83:					Pump Rate:
		Northing NAD83:				_evel:	Static Water I
		Zone:					Flowing (Y/N)
		UTM Reliability:					Flow Rate:
		· · · · · · · · · · · · · · · · · · ·				•	Clear/Cloudy

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601082.pdf

Additional Detail(s) (Map)

Well Completed Date:	1959/08/08
Year Completed:	1959
Depth (m):	10.0584
Latitude:	42.8922808565042
Longitude:	-79.2799106795829
Path:	660\6601082.pdf

Bore Hole Information

Bore Hole ID:	10460816	Elevation:	180.023880
DP2BR:	3.00	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	640447.90
Code OB Desc:	Bedrock	North83:	4750288.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	08-Aug-1959 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:	-	Location Method:	p5
Elevrc Desc:			
Location Source Date Improvement Locatio			

Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932590548 Layer: 2 Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:

15 LIMESTONE

	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Formation Top D	epth:	3.0			
Formation End D	Depth:	33.0			
Formation End D	Depth UOM:	ft			
<u>Overburden and</u> Materials Interva					
Formation ID:		932590547			
Layer:		1			
Color:					
General Color:		05			
Mat1: Most Common N	latorial:	05 CLAY			
Mat2:	ateriai.	12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top D		0.0			
Formation End D		3.0			
Formation End L	θερτη ΟΟΙΜ:	ft			
<u>Method of Const Use</u>	ruction & Well				
Method Constru	ction ID.	966601082			
Method Constru		1			
Method Constru		Cable Tool			
Other Method Co	onstruction:				
Pipe Information	!				
Pipe ID:		11009386			
Casing No:		1			
Comment: Alt Name:					
An Name.					
Construction Re	<u>cord - Casing</u>				
Casing ID:		930748522			
Layer:		2			
Material: Open Hole or Ma	terial	4 OPEN HOLE			
Depth From:					
Depth To:		33			
Casing Diameter		5			
Casing Diameter		inch			
Casing Depth UC	DM:	ft			
Construction Re	cord - Casing				
Casing ID:		930748521			
Layer: Motorial:		1			
Material: Open Hole or Ma	torial.	1 STEEL			
Depth From:		OILLL			
Depth To:		7			
Casing Diameter	:	5			
Casing Diameter	UOM:	inch			
Casing Depth UC		ft			

Results of Well Yield Testing

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID):		996601082			
Pump Set At:						
Static Level:			14.0			
Final Level A	fter Pumpi	ng:	14.0			
Recommende	ed Pump D	epth:	14.0			
Pumping Rat	te:		3.0			
Flowing Rate						
Recommende		ate:	3.0			
Levels UOM:			ft			
Rate UOM:			GPM			
Water State A		ode:	2			
Water State A			CLOUDY			
Pumping Tes			1			
Pumping Dur			1			
Pumping Dur	ration MIN:		0			
Flowing:			No			
Water Details	5					
Water ID:			933948357			
Layer:			1			
Kind Code:			1			
Kind:			FRESH			
Water Found	Denth:		33.0			
Water Found		И:	ft			
<u>35</u>	1 of 14		SSE/162.9	178.8 / -1.00	WELLAND COUNTY R.C.S.S. BOARD 42-633 ST. PATRICK, 266 ROSEMOUNT AVENUE PORT COLBORNE, C/O 427 RICE ROAD WELLAND ON L3K 5R4	GEN
Conorator Na		ON120/	1715			
Generator No Status:	D:	ON138	1715		PO Box No: Country:	
Approval Yea		93,94,9	5 06 07		Country. Choice of Contact:	
Approval fea Contam. Faci		93,94,9	5,96,97		Co Admin:	
MHSW Facilit					Phone No Admin:	
SIC Code:	ty:	8511			Phone No Admin:	
SIC Code. SIC Descripti	ion·	0311	ELEMT./SECON. I			
Sie Descripti						
<u>Detail(s)</u>						
Waste Class:			148 INORGANIC LABO		CAL S	
Waste Class	Desc:				CALS	
Waste Class:	;		263			
Waste Class	Desc:		ORGANIC LABOR	ATORY CHEMICA	ALS	
<u>35</u>	2 of 14		SSE/162.9	178.8/-1.00	NIAGARA CATHOLIC DISTRICT SCHOOL	GEN
					BOARD ST. PATRICK 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	
					PO Box No:	
Generator No	o:	ON1387	1715			
Status:					Country:	
Status: Approval Yea	ars:	ON138 ² 98,99,0			Country: Choice of Contact:	
Status: Approval Yea Contam. Faci	ars: ility:				Country: Choice of Contact: Co Admin:	
Status: Approval Yea Contam. Faci MHSW Facili	ars: ility:	98,99,0			Country: Choice of Contact:	
Status: Approval Yea Contam. Faci	ars: ility: ty:				Country: Choice of Contact: Co Admin:	

<u>Detail(s)</u>

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB			
Waste Class Waste Class			148 INORGANIC LAB	ORATORY CHEMIC	CALS				
Waste Class Waste Class			263 ORGANIC LABOF	RATORY CHEMICA	LS				
<u>35</u>	3 of 14		SSE/162.9	178.8 / -1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN			
Generator No	o:	ON1381	715		PO Box No:				
Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	cility: ity:	02,03,04	4,05,06,07,08		Country: Choice of Contact: Co Admin: Phone No Admin:				
<u>Detail(s)</u>									
Waste Class Waste Class			331 WASTE COMPRE	ESSED GASES					
Waste Class: Waste Class Desc:			145 PAINT/PIGMENT/COATING RESIDUES						
Waste Class: Waste Class Desc:			148 INORGANIC LABORATORY CHEMICALS						
Waste Class Waste Class			263 ORGANIC LABOF	RATORY CHEMICA	LS				
<u>35</u>	4 of 14		SSE/162.9	178.8 / -1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN			
Generator N	o:	ON1381	715		PO Box No:				
Status: Approval Yea Contam. Fac		2009			Country: Choice of Contact: Co Admin:				
MHSW Facili SIC Code: SIC Descript	ity:	611110	Elementary and S	econdary Schools	Phone No Admin:				
<u>Detail(s)</u>									
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	ES				
Waste Class: Waste Class Desc:			148 INORGANIC LABORATORY CHEMICALS						
Waste Class Waste Class			263 ORGANIC LABORATORY CHEMICALS						
Waste Class			331						

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>35</u>	5 of 14		SSE/162.9	178.8/-1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON1381 2010 611110	715 Elementary and S	econdary Schools	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			148 INORGANIC LAB	ORATORY CHEMI	CALS	
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES		
Waste Class Waste Class			263 ORGANIC LABOF		ALS	
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES	
<u>35</u>	6 of 14		SSE/162.9	178.8/-1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN
Generator N Status:	lo:	ON1381	715		PO Box No: Country:	
Approval Ye Contam. Fa		2011			Country. Choice of Contact: Co Admin:	
MHSW Facil SIC Code: SIC Descrip	lity:	611110	Elementary and S	econdary Schools	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			148 INORGANIC LAB		CALS	
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS				
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES		
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES	
<u>35</u>	7 of 14		SSE/162.9	178.8/-1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON1381 2012 611110	715 Elementary and Sec	condary Schools	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u> Waste Class: Waste Class			263 ORGANIC LABORA		NLS		
Waste Class: Waste Class Waste Class:	Desc:		331 WASTE COMPRES 145				
Waste Class Waste Class: Waste Class	:		PAINT/PIGMENT/C 148 INORGANIC LABO				
<u>35</u>	8 of 14		SSE/162.9	178.8 / -1.00	BOARD		GEN
Generator No Status: Approval Yea Contam. Facili MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON1381 2013 611110	715 ELEMENTARY ANI	D SECONDARY S	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: SCHOOLS		
<u>Detail(s)</u>							
Waste Class: Waste Class			145 PAINT/PIGMENT/C	OATING RESIDU	IES		
Waste Class: Waste Class			263 ORGANIC LABORA	ATORY CHEMICA	ALS		
Waste Class: Waste Class			148 INORGANIC LABO	RATORY CHEMI	CALS		
Waste Class: Waste Class			331 WASTE COMPRES	SED GASES			
<u>35</u>	9 of 14		SSE/162.9	178.8 / -1.00	BOARD		GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON1381 2016 No No 611110	715 ELEMENTARY ANI	D SECONDARY S	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: SCHOOLS	Canada CO_OFFICIAL	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Detail(s)</u>							
Waste Clas Waste Clas			263 ORGANIC LABOF	RATORY CHEMICA	LS		
Waste Clas Waste Clas			331 WASTE COMPRE	SSED GASES			
Waste Clas Waste Clas			145 PAINT/PIGMENT/	COATING RESIDU	ES		
Waste Clas Waste Clas			148 INORGANIC LAB		CALS		
<u>35</u>	10 of 14		SSE/162.9	178.8 / -1.00	BOARD		GEN
Generator I Status:	No:	ON1381	715		PO Box No: Country:	Canada	
Approval Y Contam. Fa MHSW Fac	cility:	2015 No No			Choice of Contact: Co Admin: Phone No Admin:	CO_OFFICIAL	
SIC Code: SIC Descrip		611110	ELEMENTARY AN	ND SECONDARY S			
<u>Detail(s)</u>							
Waste Clas Waste Clas			331 WASTE COMPRE	SSED GASES			
Waste Clas Waste Clas			145 PAINT/PIGMENT/	COATING RESIDU	ES		
Waste Clas Waste Clas			263 ORGANIC LABOF	RATORY CHEMICA	LS		
Waste Clas Waste Clas			148 INORGANIC LAB	ORATORY CHEMIC	CALS		
<u>35</u>	11 of 14		SSE/162.9	178.8 / -1.00	BOARD		GEN
Generator I Status:	No:	ON1381	715		PO Box No: Country:	Canada	
Approval Y Contam. Fa MHSW Fac	cility:	2014 No No			Choice of Contact: Co Admin: Phone No Admin:	CO_OFFICIAL	
SIC Code: SIC Descrij	otion:	611110	ELEMENTARY AN	ND SECONDARY S	CHOOLS		
<u>Detail(s)</u>							
Waste Clas Waste Clas			145 PAINT/PIGMENT/	COATING RESIDU	ES		

Map Key Numbe Record		Elev/Diff (m)	Site	DB			
Waste Class: Waste Class Desc:	263 ORGANIC LABOR	ATORY CHEMICA	NLS				
Waste Class: Waste Class Desc:	331 WASTE COMPRES	SSED GASES					
Waste Class: Waste Class Desc:	148 INORGANIC LABO	RATORY CHEMI	CALS				
<u>35</u> 12 of 14	SSE/162.9	178.8 / -1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN			
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1381715 Registered As of Dec 2018		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:				
<u>Detail(s)</u>							
Waste Class: Waste Class Desc:	145 I Wastes from the us	e of pigments, coa	atings and paints				
Waste Class: Waste Class Desc:	331 I Waste compressed	331 I Waste compressed gases including cylinders					
<u>35</u> 13 of 14	SSE/162.9	178.8 / -1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN			
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1381715 Registered As of Jul 2020		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:				
<u>Detail(s)</u>							
Waste Class: Waste Class Desc:	331 I Waste compressed	gases including c	ylinders				
Waste Class: Waste Class Desc:	145 I Wastes from the us	e of pigments, coa	atings and paints				
<u>35</u> 14 of 14	SSE/162.9	178.8 / -1.00	NIAGARA CATHOLIC DISTRICT SCHOOL BOARD ST. PATRICK ELEMENTARY SCHOOL 266 ROSEMOUNT AVENUE PORT COLBORNE ON L3K 5R4	GEN			
Generator No: Status: Approval Years:	ON1381715 Registered As of Aug 2021		PO Box No: Country: Canada Choice of Contact:				

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Order No: 21112300694

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Contam. Facilit MHSW Facility: SIC Code: SIC Description				Co Admin: Phone No Admin:		
<u>Detail(s)</u>						
Waste Class: Waste Class De	esc:	331 I Waste compresse	d gases including c	ylinders		
Waste Class: Waste Class De	esc:	145 I Wastes from the u	se of pigments, coa	atings and paints		
<u>36</u> 1	of 1	WNW/165.1	178.9 / -0.99	lot 1 con 2 ON		ww
Well ID:	6603	3590		Data Entry Status:		
Construction D				Data Src:	1	
Primary Water		nestic		Date Received:	11/21/1983	
Sec. Water Use				Selected Flag:	True	
Final Well Statu	is: Wate	er Supply		Abandonment Rec:	0040	
Water Type: Casing Material	1-			Contractor: Form Version:	3640 1	
Audit No:	1.			Owner:	1	
Tag:				Street Name:		
Construction M	lethod:			County:	NIAGARA	
Elevation (m):				Municipality:	WAINFLEET TOWNSHIP	
Elevation Relia				Site Info:	004	
Depth to Bedro Well Depth:	CK:			Lot: Concession:	001 02	
overburden/Be	drock			Concession Name:	CON	
Pump Rate:	urock.			Easting NAD83:	SON	
Static Water Le	vel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map)	ł:	https://d2khazk8e8	33rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/660\6603590.pdf	
Additional Deta	<u>iil(s) (Map)</u>					
Well Completed		1983/09/10				
Year Completed	d:	1983				
•		19.812	٥			
Depth (m):		42 801720235706				
Depth (m): Latitude:		42.891720235796 -79.281555085484				
Depth (m): Latitude: Longitude:						
Depth (m): Latitude: Longitude: Path:	mation	-79.281555085484				
Depth (m ⁾ : Latitude: Longitude: Path: Bore Hole Infor Bore Hole ID:	1046	-79.281555085484 660\6603590.pdf 63190		Elevation:	178.676864	
Depth (m ⁾ : Latitude: Longitude: Path: Bore Hole Infor Bore Hole ID: DP2BR:		-79.281555085484 660\6603590.pdf 63190		Elevrc:		
Depth (m ⁾ : Latitude: Longitude: Path: Bore Hole Infor Bore Hole ID: DP2BR: Spatial Status:	1046 0.00	-79.281555085484 660\6603590.pdf 63190		Elevrc: Zone:	17	
Depth (m ⁾ : Latitude: Longitude: Path: Bore Hole Infor Bore Hole ID: DP2BR: Spatial Status: Code OB:	1046 0.00 r	-79.281555085484 660\6603590.pdf		Elevrc:		
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	1046 0.00 r	-79.281555085484 660\6603590.pdf		Elevrc: Zone: East83: North83: Org CS:	17 640314.90 4750223.00	
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	1046 0.00 r Bedi	-79.281555085484 660\6603590.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 640314.90 4750223.00 4	
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB Code OB Desc: Open Hole: Cluster Kind: Date Completed	1046 0.00 r Bedi	-79.281555085484 660\6603590.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640314.90 4750223.00 4 margin of error : 30 m - 100 m	
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed Remarks:	1046 0.00 r Bedi	-79.281555085484 660\6603590.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 640314.90 4750223.00 4	
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed Remarks: Elevrc Desc:	1046 0.00 r Bedi d: 10-S	-79.281555085484 660\6603590.pdf		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640314.90 4750223.00 4 margin of error : 30 m - 100 m	
Depth (m): Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB: Code OB Code OB Code CB Den Hole: Cluster Kind: Date Completed Remarks:	1046 0.00 r Bedi d: 10-S	-79.281555085484 660\6603590.pdf 53190 rock Sep-1983 00:00:00		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640314.90 4750223.00 4 margin of error : 30 m - 100 m	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	t Location Method: sion Comment: nment:				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	or:	932598811 1 2 GREY 15 LIMESTONE			
Formation To Formation Ei Formation Ei	op Depth: nd Depth: nd Depth UOM:	0.0 65.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	966603590 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11011760 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930752551 1 1 STEEL 36 5 inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From:	r Material:	930752552 2 4 OPEN HOLE			
Depth To: Casing Diam Casing Diam Casing Deptl	eter: eter UOM:	65 inch ft			

Results of Well Yield Testing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID		996603590			
Pump Set At:					
Static Level:		23.0			
	fter Pumping:	60.0			
	ed Pump Depth:	60.0			
Pumping Rate		4.0			
Flowing Rate	ed Pump Rate:	3.0			
Levels UOM:	eu Fuilip Rale.	ft			
Rate UOM:		GPM			
	fter Test Code:	2			
Water State A		CLOUDY			
Pumping Tes		2			
Pumping Dur		1			
Pumping Dur		0			
Flowing:		No			
Draw Down &	Recovery				
Pump Test De	etail ID:	934865045			
Test Type:		Recovery			
Test Duration		45			
Test Level: Test Level UC	DM:	23.0 ft			
Draw Dawn 8	Baaavaru				
<u>Draw Down &</u>	-				
Pump Test De	etail ID:	935129829			
Test Type:		Recovery			
Test Duration	:	60			
Test Level:		23.0			
Test Level UC	DM:	ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	934343497			
Test Type:		Recovery			
Test Duration		15			
Test Level:		25.0			
Test Level UC	DM:	ft			
Draw Down &	Recovery				
Pump Test De	etail ID:	934610856			
Test Type:		Recovery			
Test Duration		30			
Test Level:		23.0			
Test Level UC	DM:	ft			
Water Details					
Water ID:		933950885			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found		62.0			
Water Found	Depth UOM:	ft			
<u>37</u>	1 of 2	S/171.5	177.8 / -2.00	VAN DUZEN FENCE & POST 60 MICHAEL DR N,,PORT COLBORNE,ON,L3K	PINC

Occurrence Start Dt: 2014/06/06 Regulator Location: Method Details: E-mail Depth: VAN DUZEN FENCE & POST Method Details: E-mail Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Operation Type: 80 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: 80 MICHAEL DR IVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2" Regulator Type: 80 MICHAEL DRIVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2" Reported By: Peter Pirillo - Enbridge Affiliation: Cocurrence Desc: Damage Reason: Excavation practices not sufficient Notes: Notes: 37 2 of 2 S/171.5 177.8 / -2.00 Enbridge Gas Distribution Inc. 60 Michael Drive North Port Colborne ON Ref No: 1057-9KJQQ2 Discharger Report: Site No: NA Incident Dt: 2014/05/28 Health/Env Conseq: Year: Client Type: Incident Event: Agency Involved: Contaminant Code: 35 Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Site Postal Code: Site Postal Code: Contaminant Impact:	DB
ncident No: 1404646 Fuel Category: Natural Gas ncident Reported Dt: 528/2014 Health Impact: Type: FS-Pipeline Incident FS-Pipeline Incident FS-Pipeline Damage Reason Est Fank Status: Pipeline Damage Reason Est Fask No: 4962017 Environment Impact: Fask No: 4962017 Environment Impact: FS-Pipeline Damage Reason Est Figel Nation Centre: Pipeline Damage Reason Est Figel Nation Centre: Pipeline Damage Reason Est Figel Occurrence Tp: Pate of Occurrence Tp: Date of Occurrence: 004/06/06 Regulator Incation: Pipeline Type: Sustomer Acct Name: VAN DUZEN FENCE & POST Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Departion Type: Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Departion Type: Summary: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2" Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2" Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2" Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2" Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2" Pipeline Type: Summary: Feter Pirillo - Enbridge Artillation: Docurrence Desc: Damage Reason: Excavation practices not sufficient Wetes: 37 2 of 2 S/171.5 177.8 / -2.00 Enbridge Gas Distribution Inc. 00 Michael Drive North Port Colborne ON Ref No: 1057-9KJQQ2 Discharger Report: Site No: NA Ref No: 1057-9KJQQ2 Discharger Report: Site No: NA Ref No: 1057-9KJQ2 Discharger Report: Site Address: Agency Involved: Sontaminant Code: 35 Nearest Watercourse: Dontaminant Limit 1: Sontaminant Kare: NoTURAL GAS (METHANE) Site Address: 60 Michael Distribution Inc. Site Posito Code: Site Posito Code: Northing: Posito Code: Site Posito Code: Site Posito Code: Site Posito Code: Site Posit	
Incident No: 1404646 Fuel Category: Natural Gas Incident Reported Dt: 5/28/2014 Health Impact: Type: Property Damage: No Status Code: Property Damage: No Service Interrupt: 4962017 Environment Impact: Tank Status: 4962017 Environment Impact: Yes Splits Action Centre: Property Damage: No Service Interrupt: 4962017 Environment Impact: Tank Status: 4962017 Environment Impact: Yes Public Relation: Property Damage: No Service Interrupt: 4962017 Environment Impact: FS-Pripeline Damage Reason Est 4962017 Environment Impact: Yes Public Relation: Property Determined System: Fuel Occurrences To Decurrence Tp: Date of Occurrence: 0014/06/06 Regulator Type: Follow Category: FS-Perform P Occurrence Type: Bolt of Occurrence to Category: FS-Perform P Occurrence Acct Name: VAN DUZEN FENCE & POST Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Pipeline Type: Summary: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Pipeline Type: Summary: Peter Pirillo - Enbridge Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes: 37 2 of 2 S/171.5 177.8/-2.00 Enbridge Gas Distribution Inc. 60 Michael Drive North Port Colborne ON Ref No: 1057-9KJQQ2 Discharger Report: Site No: NA Material Group: Incident Dt: 2014/05/28 Health/Env Conseq; Year: Incident Dt: 2014/05/28 Health/Env Conseq; Year: Incident Cause: Leak/Break Sector Type: Pipeline/Com Incident Dt: 2014/05/28 Nearest Watercourse: Contaminant Code: 35 Nearest Watercourse: Contaminant Name: NATURAL GAS (METHANE) Site District Office: Contaminant Name: NATURAL GAS (METHANE) Site Material Code; Site Region: Environment Impact: Confirmed Site Material Code; Contaminant Name: NATURAL GAS (METHANE) Site Material Code; Site Name: Site Code: Site Region: Environment Impact: Confirmed Site Material Code; Contaminant Name: NATURAL GAS (METHANE) Site Material Code; Site Region: Environment Impact: Confirmed Site Material Code; Site Region: Environment Impact: Confirmed Site Material Code; Site Region: Site Code;	
Incident Reported DL: 528/2014 Health Impact: FS-Pipeline Incident FS-Pipeline Incident FS-Pipeline Damage Reason Est Fank Status: Pipeline Damage Reason Est Service Interrupt: Entorce Policy: FS-Perform P Pipeline System: Pipeline System: FS-Perform P SSIG: Date of Occurrence: Depth: Customer Acct Name: Customer Acct Name: NNUCHAEL DRIVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2* Reported By: Profile Type: Profile Type: Damage Reason: Notes:	
Type: FS-Pipeline Incident Environment Impact: Status Code: Property Damage: No Status Code: Property Damage: No Tank Status: 4962017 Enforce Policy: Yes Status Code: Public Relation: Public Relation: FS-Pipeline Damage No Splis Action Centre: Public Relation: Pipeline System: FS-Perform F Decurrences Tp: Attribute Category: FS-Perform F Depth: Customer Acct Name: VAN DUZEN FENCE & POST Method Details: E-mail Customer Acct Name: VAN DUZEN FENCE & POST Method Details: E-mail Edition: Operation Type: Regulator Type: Regulator Type: Regulator Type: Excavation practices not sufficient Notes: Damage Reason: Excavation practices not sufficient North Port Colborne ON Ref No: 1057-9KJQQ2 Discharger Report: Material Group: Hicident Conse; Notariant Limit 1: 2014/05/28 Health/Frace Conse; Gol Michael Dirk Port Colborne ON Ref No: 1057-9KJQQ2 Discharger Report: Site Address: 60 Michael Dir	
Sidus Code: Tank Status: Pipeline Damage Reason Est Pipeline Damage Reason Est Pipeline Damage Reason Est Pipeline Start Dt: Pipeline Damage Reason Est Service Interrupt: File Occurrence Tp: Date of Occurrence: Popeline Damage Reason Est Pipeline System: Pipeline System: Pipeline System: Pipeline System: Pipeline System: Pipeline Damage Reason Est Service Interrupt: Pipeline System: Pipeline Damage Reason Est Service Interrupt: Pipeline System: Pipeline Damage Reason Est Sig Date of Occurrence: Occurrence Start Dt: Depth: Customer Acet Name: Incident Address: So MICHAEL DRIVE NORTH, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Pipeline Type: Summary: Regulator Type: Summary: Summary: So MICHAEL DRIVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2" Reported By: Preter Pirillo - Enbridge Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes: 37 2 of 2 S/171.5 37 3 37 2 of 2 37 3 37 2 of 2 S/171.5 37 3 37 3 37 3 37 3 37 2 of 2 37 3 37 4 37 3 37 4 37 3 37 4 37 3 37 4 37	
Tank Status: Pipeline Damage Reason Est Service Interrupt: Task No: 4962017 Enforce Policy: Yes Spills Action Centre: Public Relation: Public Relation: First Fuel Occurrence Tp: PSIG: First Firs	
Task No: 4962017 Enforce Policy: Yes Spills Action Centre: Public Relation: Pipeline System: Pipeline System: Fuel Occurrence Tp: PSIG: Attribute Category: FS-Perform P Depth: VAN DUZEN FENCE & POST Method Details: E-mail Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: 60 MICHAEL DR N, PORT COLBORNE - PIPELINE HIT - 1/2* Reported By: Peter Pinilio - Enbridge 60 MICHAEL DRIVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2* Reported By: Peter Pinilio - Enbridge Affiliation: Occurrence Desc: Deagage Reason: Excavation practices not sufficient Site No: NA Material Group: Incident Dt: 2014/05/28 Health/Env Conseq: Incident Cause: Leak/Break Sector Type: Incident Event: Site Address: 60 Michael Drive Contaminant Name: NATURAL GAS (METHANE) Site Address: 60 Michael Drive Contaminant Name: NATURAL GAS (METHANE) Site Address: 60 Michael Drive Contaminant Name: NATURAL GAS (METHANE) Site Address: 60 Michael Drive	
Fuel Type: Pipeline System: Fuel Occurrence: PSIG: Date of Occurrence: Attribute Category: Finel Occurrence: Stribute Category: Depth: Withod Details: Customer Acet Name: VAN DUZEN FENCE & POST Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Regulator Type: Summary: 60 MICHAEL DRIVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2" Reported By: Peter Pirilio - Enbridge Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes: 1057-9KJQQ2 Discharger Report: Incident Dt: 2014/05/28 Health/Env Conseq: Incident Dt: 2014/05/28 Health/Env Conseq: Incident Cause: Leak/Break Sector Type: Incident Cause: Leak/Break Site Address: 60 Michael Drived: Contaminant Mame: NATURAL GAS (METHANE) Site Address: 60 Michael Drived: Contaminant Imit 1: Confirmed Site Address: 60 Michael Drived: Contaminant Umot 1: Site Conce: Site Region: Fort	
Fuel Occurrence Tp: PSIC: FS-Perform F Date of Occurrences Start Dt: 2014/06/06 Method Details: FS-Perform F Occurrence Start Dt: 2014/06/06 Method Details: E-mail Depth: VAN DUZEN FENCE & POST Method Details: E-mail Customer Acct Name: VAN DUZEN FENCE & POST Method Details: E-mail Operation Type: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Regulator Type: 60 MICHAEL DR IVE NORTH, PORT COLBORNE - PIPELINE HIT - 1/2* Reported By: Peter Pirillo - Enbridge Damage Reason: Excavation practices not sufficient Notes: Excavation practices not sufficient 37 2 of 2 S/171.5 177.8 / -2.00 Enbridge Gas Distribution Inc. 60 Michael Drive North Port Colborne ON Port Colborne ON Port Solone: Discharger Report: Site No: NA Material Group: Pipeline/Com Incident Dt: 2014/05/28 Health/Env Conseq: Port Colborne ON Contaminant Code: 35 Site Address: 60 Michael Dr Contaminant Limit 1: Confirmed Site Address: <	
Date of Occurrence Attribute Category: FS-Perform F Occurrence Start Dt: 2014/06/06 Regulator Location: Method Details: E-mail Customer Acct Name: VAN DUZEN FENCE & POST E-mail E-mail Incident Address: 60 MICHAEL DR N, PORT COLBORNE, ON, L3K 3C5, CA Operation Type: Standard	
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38 1 of 1 ENE/185.3 180.8 / 1.00 299 Killaly Street West	EHS

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building S	Name: Size:	200406290 C Basic Rep 7/5/04 6/29/04	ort		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Region of Niagara ON 0.25 -79.265354 42.891754	
Additional Inf	o Ordered:	ł	Fire Insur. Maps an	d/or Site Plans			
<u>39</u>	1 of 1		WNW/189.5	178.8/-1.00	lot 1 con 2 ON		ww
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Dverburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	er Use: se: atus: ial: Method: : iability: rock: Bedrock: Level:	6603447 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 6/23/1981 True 3640 1 NIAGARA WAINFLEET TOWNSHIP 001 02 CON	
Clear/Cloudy: PDF URL (Ma		ł	https://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads/	2Water/Wells_pdfs/660\6603447.pdf	
Additional De	etail(s) (Map	D)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:			1981/05/29 1981 10.0584 42.8917275867604 79.2820447527349 560\6603447.pdf				
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis	s: ted: rce Date: Location S Location N	Source: Method:	Layer 81 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	178.872985 17 640274.90 4750223.00 4 margin of error : 30 m - 100 m p4	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<u>Overburden a</u> Materials Inte	and Bedrock				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	r: on Material:	932598308 2 2 GREY 15 LIMESTONE 74 LAYERED 1.0			
Formation Er		33.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	966603447 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11011630 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam		930752370 1 STEEL 10 7			
Casing Diam Casing Diam Casing Depti	eter UOM:	inch ft			

Canstruction Record - Casing Canstruction Record - Casing Casing Dir Layer: 2 Material: 4 Material: 4 Construction Material: 0 PEN HOLE Daph From: 33 Casing Diameter: 6 Casing Diameter: 0 Casing Diameter		umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Layer 2 Open Hole or Material: OPEN HOLE Depth From: 3 Casing Dameter UOM: inch Casing Dameter UOM: inch Casing Dameter UOM: inch Results of Well Yield Testing 966803447 Pump Test ID: 966803447 Pump Test ID: 966803447 Pump Stat: 20 Results of Well Yield Testing 10 Results of Well Yield Testing 10 Resonmended Pump Depth: 31.0 Recommended Pump Rete: 8.0 Recommended Pump Rete: 6.0 Recommended Pump Rete: 6.0 Recommended Pump Rete: 10 Recommended Pump Rete: 10 Recommended Pump Rete: 10 Pumping Rate: 8.0 Rete UOM: 11 Rete UOM: 10 Pumping Rate: 8.0 Rete UOM: 10 Pumping Rate: 10 Pumping Rate: 10 Pumping Rate: 10	Construction Rec	ord - Casing				
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	Number Records		Elev/Diff (m)	Site		DB
Water Detail	<u>s</u>					
Water ID:		933950703				
Layer:		1				
Kind Code:		3				
Kind:		SULPHUR				
Water Found	d Depth:	28.0				
Water Found		1: ft				
<u>40</u>	1 of 1	ENE/191.2	180.8 / 1.00	296 Killaly Street We Port Colborne ON L3		EHS
Order No:		20190515245		Nearest Intersection:		
Status:		C		Municipality:		
Report Type	:	Standard Report		Client Prov/State:	ON	
Report Date:		17-MAY-19		Search Radius (km):	.25	
Date Receive	ed:	15-MAY-19		Х:	-79.262976	
Previous Site	e Name:			Y:	42.891248	
Lot/Building	Size:					
Additional In	fo Ordered:	Fire Insur. Maps a	nd/or Site Plans; A	erial Photos		
<u>41</u>	1 of 2	ENE/202.1	180.8 / 1.00	303 Killaly Street We Port Colborne ON L3		EHS
Order No:		20080201006		Nearest Intersection:		
Status:		C		Municipality:		
Report Type		Complete Report		Client Prov/State:	ON	
Report Date:		2/12/2008		Search Radius (km):	0.25	
Date Receive		2/1/2008		X:	-79.262444	
Previous Site				Y:	42.892069	
	S170'					
Lot/Building			ad /an Cita Diana			
Lot/Building Additional In		Fire Insur. Maps A	and /or Site Plans			
		Fire Insur. Maps A ENE/202.1	and /or Site Plans	303 Killaly St W Port Colborne ON L3	КЗМ7	EHS
Additional In	ofo Ordered:	ENE/202.1		Port Colborne ON L3	КЗМ7	EHS
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Additional Iri <u>41</u> Order No: Status:	nfo Ordered:	ENE/202.1 20140428011 C		Port Colborne ON L3 Nearest Intersection: Municipality:		EHS
Additional In <u>41</u> Order No: Status: Report Type	nfo Ordered: 2 of 2	ENE/202.1 20140428011 C Standard Report		Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State:	ON	EHS
Additional In <u>41</u> Order No: Status: Report Type Report Date:	ofo Ordered:	ENE/202.1 20140428011 C Standard Report 29-APR-14		Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	ON .25	EHS
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Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Site Lot/Building Additional In <u>42</u> Well ID:	nfo Ordered: 2 of 2 : ed: e Name: Size: nfo Ordered: 1 of 1	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status:	ON .25 -79.263642 42.892847	
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Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Situ Lot/Building Additional In <u>42</u> Well ID: Construction Primary Wat	nfo Ordered: 2 of 2 : ed: e Name: Size: fo Ordered: 1 of 1 1 of 1 n Date: rer Use:	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a WNW/203.9	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Date Received:	ON .25 -79.263642 42.892847 on 2 11/25/2014	
Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In <u>42</u> Well ID: Construction Primary Watt Sec. Water L	nfo Ordered: 2 of 2 2 of 2 ed: e Name: Size: nfo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse:	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a WNW/203.9 7232408 Commerical	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Date Received: Selected Flag:	ON .25 -79.263642 42.892847	
Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In <u>42</u> Well ID: Construction Primary Watt Sec. Water L Final Well St	nfo Ordered: 2 of 2 2 of 2 ed: e Name: Size: nfo Ordered: 1 of 1 1 of 1 n Date: rer Use: Jse: tatus:	<i>ENE/202.1</i> 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a <i>WNW/203.9</i> 7232408	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	ON .25 -79.263642 42.892847 on 2 11/25/2014 True	
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Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In <u>42</u> Well ID: Construction Primary Watt Sec. Water U Final Well St Water Type: Casing Mate	nfo Ordered: 2 of 2 2 of 2 ed: e Name: Size: nfo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse: tatus:	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a WNW/203.9 7232408 Commerical Alteration	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Data Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	ON .25 -79.263642 42.892847 on 2 11/25/2014 True	
Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In <u>42</u> Well ID: Construction Primary Watt Sec. Water U Final Well St Water Type: Casing Mate Audit No:	nfo Ordered: 2 of 2 2 of 2 ed: e Name: Size: nfo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse: tatus:	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a WNW/203.9 7232408 Commerical Alteration 2158721	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Data Src: Data Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	ON .25 -79.263642 42.892847 on 2 11/25/2014 True 4795 7	
Additional In <u>41</u> Order No: Status: Report Type Report Date: Date Receive Previous Sitt Lot/Building Additional In <u>42</u> Well ID: Construction Primary Watt Sec. Water U Final Well St Water Type: Casing Mate	nfo Ordered: 2 of 2 2 of 2 : ed: e Name: Size: nfo Ordered: 1 of 1 1 of 1 1 of 1 n Date: rer Use: Jse: tatus: prial:	ENE/202.1 20140428011 C Standard Report 29-APR-14 28-APR-14 Fire Insur. Maps a WNW/203.9 7232408 Commerical Alteration	180.8 / 1.00	Port Colborne ON L3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 20134 HWY 3 lot 1 co WAINFLEET ON Data Entry Status: Data Src: Data Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	ON .25 -79.263642 42.892847 on 2 11/25/2014 True 4795	

	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Elevation (m): Elevation Reli				Municipality: Site Info:	WAINFLEET TOWNSHIP	
Depth to Bedr				Lot:	001	
Well Depth:				Concession:	02	
Overburden/B	Bedrock:			Concession Name:	CON	
Pump Rate:				Easting NAD83:	0011	
Static Water L	evel:			Northing NAD83:		
Flowing (Y/N)				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:	:			····· · ···· · ·······················		
PDF URL (Maj	p):	https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/723\7232408.pdf	
Additional De	etail(s) (Map)					
Well Complete	ed Date:	2014/11/06				
Year Complet		2014				
Depth (m):		24.6888				
Latitude:		42.892251833251	8			
Longitude:		-79.280975740928				
Path:		723\7232408.pdf				
Bore Hole Info	ormation					
Bore Hole ID:	10	005238269		Elevation:	179.611602	
DP2BR:				Elevrc:		
Spatial Status	s:			Zone:	17	
Code OB:				East83:	640361.00	
Code OB Des	ic:			North83:	4750283.00	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complet	ted: 06	6-Nov-2014 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou						
	Location Sou					
	Location Met					
Source Revisi	ion Comment	-				
Supplier Com	nment:					
Overburden a Materials Inte						
Formation ID:		1005455354				
Layer:	•	1				
Color:		2				
General Color	r-	GREY				
Mat1:	••	15				
Most Commo	n Material	LIMESTONE				
Mat2:	material.					
Mat2 Desc:						
Mat2 Desc. Mat3:						
Mat3 Desc:						
Formation To	n Denth	0.0				
Formation En		81.0				
	d Depth UOM					
	nstruction &	Well				
<u>Method of Co</u> <u>Use</u>						
<u>Use</u>	truction ID.	1005455296				
<u>Use</u> Method Const	truction ID: truction Code	1005455386 : 1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons Other Method	truction: l Construction:	Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005455352 0			
Construction	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I		1005455358			
Screen Mater Screen Deptl Screen Diam Screen Diam	uOM: eter UOM:	ft inch			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rat Flowing Rate Recommend	fter Pumping: ed Pump Depth: e: : ed Pump Rate:	1005455353 78.0 21.0 71.0 77.0 11.0			
Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	After Test Code: After Test: Aft Method: ration HR:	ft GPM 1 CLEAR 0 5 No			
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type: Test Duratior Test Level: Test Level U):	1005455366 Recovery 4 49.58300018310547 ft	7		
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type: Test Duratior Test Level: Test Level U):	1005455381 Draw Down 50 69.0 ft			
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type:	etail ID:	1005455363 Draw Down			

Test Level UOM: ft Draw Down & Recovery Recovery Pump Test Detail ID: 1005455374 Test Uration: 20 Test Uration: 20 Test Level UOM: tt Draw Down & Recovery 22.16699981689453 Test Level UOM: tt Draw Down & Recovery 22.16699981689453 Pump Test Detail ID: 1005455379 Draw Down & Recovery 22.16699981689453 Pump Test Detail ID: 1005455379 Test Level UOM: tt Test Level UOM: tt Pump Test Detail ID: 1005455383 Test Level UOM: tt Pump Test Detail ID: 1005455383 Test Level UOM: tt Pump Test Detail ID: 1005455362 Fest Level UOM: tt Pump Test Detail ID: 1005455362 Fest Level: 53.0 Test Level: 53.0 Test Level: 53.0 Test Level: 53.0 Test Level UOM: tt Test Level UOM: tt	DI
East Level UOM: It traw Down & Recovery Draw Down set IDuration: A set IDuration: A set Level UOM: T traw Down & Recovery It traw Down & Recovery It <thtraw &="" down="" recovery<="" th=""> It<</thtraw>	
traw Down & Recovery tump Test Detail ID: 1005455365 test Type: B.0 test Level UOM test Level Down	
Tump Test Detail ID: test Type: test Type: test Type: test Duration: test Level UOM:1005455385 test Level UOM: timTump Test Detail ID: test Level UOM:1005455369 test Level UOM: timTump Test Detail ID: test Level UOM:1005455369 test Level UOM: timTump Test Detail ID: test Level UOM:1005455369 test Level UOM: timTump Test Detail ID: test Level UOM:1005455374 test Level UOM: timTump Test Detail ID: test Level UOM:1005455379 test Level UOM: timTump Test Detail ID: test Duration: test Duration: test Duration: test Duration: test Level UOM: tim1005455383 test Level Level UOM: timTump Test Detail ID: test Level UOM: test Level UOM: test Level UOM: test Level UOM: tim1005455383 test Level Level UOM: timTump Test Detail ID: test Level UOM: test Level UOM: test Level UOM: test Level UOM: test Level UOM: test Level UOM:1005455382 test Level Level UOM: timTump Test Detail ID: test Level UOM: test Level UOM: test Level UOM: test Level UOM: test Level UOM: test Level UOM:1005455382 test Level Level UOM: timTump Test Detail ID: test Level UOM: test Level UOM: test Level UOM:1005455382 test Level UOM:<	
Type: Draw Down est Duration: 4 est Level: 38.0 est Level: 005455369 est Type: Draw Down est Datation: 10 est Level: 56.3300018310547 est Level: 56.3300018310547 est Level: 56.3300018310547 est Level: 56.3300018310547 est Level: 7005455374 est Type: Pacovery tump Test Detail ID: 1005455374 est Level: 22.16699981689453 est Level: 22.16699981689453 est Level: Down est Level: 1005455379 est Level: Down est Duration: 40 est Level: 68.0 est Level: 69.0 est Level: 69.0 est Level: 69.0 est Level: 1005455382	
Set St Duration: A Set Level: 35.0 Vump Test Detail ID: 1005455369 Set Level: Daw Down Set Level: Down Set Level: 56.33300018310547 Set Level: Doss Sa00018310547 Set Level: S6.33300018310547 Set Level: Recovery 'ump Test Detail ID: 1005455374 Set Level: Recovery 'ump Test Detail ID: 1005455374 Set Level: 22.16699981689453 Set Level: Down Set Level: Down </td <td></td>	
Test Level 38.0 Test Level 38.0 Test Level 38.0 Test Level With Test Detail ID: 1005455369 Test Detail ID: Down Test Detail ID: Down Test Detail ID: Down Test Level: 56.33300018310547 Test Level: 56.33300018310547 Test Level: 56.33300018310547 Test Level: 66.33300018310547 Test Level: 66.33300018310547 Test Detail ID: 1005455374 Test Detail ID: 1005455374 Test Level: 22.16699981689453 Test Level: 22.16699981689453 Test Level: 22.16699981689453 Test Level: 22.16699981689453 Test Detail ID: 1005455379 Test Detail ID: 1005455379 Test Detail ID: 1005455383 Test Level: 40 Test Detail ID: 1005455382 Test Detail ID: 1005455362 Test Level: 60.0	
Test Level UOM: t Test Detail ID: 1005455369 Test Drail ID: Diaw Down Test Drain Com 10 Test Level: 56.33300018310547 Test Level: 56.33300018310547 Test Level: 56.33300018310547 Test Level: 56.33300018310547 Test Level: 7000 Test Level: 7000 Test Level: 7000 Test Level: 86.3300018310547 Test Level: 7000 Test Level: 7000 Test Level: 7000 Test Level: 86.300018310547 Test Level: 20 Test Level: 7000 Test Level: 7000 Test Level: 20 Test Level: 80.0 Test Level: 69.0 Test Level: 60.0 Test Level	
Traw Down & Recovery Tump Test Detail ID: 1005455389 Test Type: Draw Down Test Level: 0 Test Level: 2.10699981689453 Test Level: 2.10699981689453 Test Level: 2.10699981689453 Test Level: 2.10699981689453 Test Level: 0 Test	
Wump Test Detail ID:1005455369Test Duration:0Test Level:56.33300018310547Test Level:56.33300018310547Test Level:1005455374Test Detail ID:1005455374Test Detail ID:1005455374Test Duration:20Test Duration:20Test Detail ID:1005455374Test Duration:20Test Duration:20Test Detail ID:1005455379Test Duration:40Test Duration:40Test Level:50.0Test Level:50.0Test Level:50.0Test Level:60.0Test Level:60.0Test Level UOM:ttTest Level UOM:ttTest Duration:60.0Test Level UOM:ttTest Duration:60.0Test Level UOM:ttTest Level UOM:tt <tr< td=""><td></td></tr<>	
Test Type: Draw Down Test Larvei/: 10 Test Levei/: 56.33300018310547 Test Levei//DM: It Draw Down & Recovery Pump Test Detail ID: 1005455374 Test Juriton: 20 Test Levei/: 22.16699981689453 Test Levei/: 1005455379 Test Duration: 40 Test Duration: 40 Test Levei/: 69.0 Test Levei/: 69.0 Test Levei/ UOM: nt Draw Down & Recovery Pump Test Detail ID: 1005455383 Test Levei/: 69.0 Test Levei/ UOM: tt <td></td>	
Test Duraiton: 10 Test Level: 56 33300018310547 Test Level UOM: tt Draw Down & Recovery 005455374 Pump Test Detail ID: 1005455374 Test Type: Recovery Test Level UOM: 20 Test Level: 22.1669981689453 Test Level: 005455379 Test Type: Draw Down Test Type: Draw Down Test Level: 69.0 Test Level: 00 Test	
Test Level: 56.33300018310547 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: 1005455374 Test Dyraciton: 20 Test Level: 22.16699981689453 Test Level: 22.1669981689453 Test Level: 22.1669981689453 Test Level: 22.1669981689453 Test Level: 20.0 Test Level: Draw Down Test Level: 005455379 Test Level: 09.0 Test Level: 69.0 Test Level UOM: t Test Level UOM:	
Test Level UOM: t Draw Down & Recovery 005455374 Pump Test Detail ID: 1005455374 Test Uration: 20 Test Level: 2.16699981689453 Test Level: 0.0 Test Level: 005455379 Test Type: Draw Down Test Level: 6.0 Test Level: 5.0 Test Level: 5	
Draw Down & Recovery Pump Test Detail ID: 1005455374 Test Type: Recovery Test Duration: 20 Test Level: 22.16899981689453 Test Level: 22.16899981689453 Test Level: 22.16899981689453 Test Level: 20 Draw Down & Recovery Draw Down Pump Test Detail ID: 1005455379 Test Level: 63.0 Test Level: 63.0 Test Level: 63.0 Test Level: 1005455383 Test Level: 63.0 Test Level: 70 Test Level:	
Pump Test Detail ID:1005455374Test Type:RecoveryTest Type:20Test Level:21.16699991689453Test Level:21.16699991689453Test Level UOM:tTest Level UOM:tTest Level:005455379Test Type:Draw DownTest Level:90.0Test Level:69.0Test Level:69.0Test Level:60.0Test Level:60.0Test Level:69.0Test	
Fest Dyne: Recovery Fest Duration: 20 Fest Level: 22.16699981689453 Fest Level UOM: ft Draw Down & Recovery Pump Test Detail ID: Draw Down 1005455379 Fest Type: Draw Down Fest Level: 69.0 Fest Dype: Draw Down Fest Duration: 60 Fest Duration: 60 Fest Level: 69.0 Fest Level: 69.0 </td <td></td>	
Test Duration: 20 Test Level: 22.16699981688453 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: 1005455379 Test Duration: 40 Test Level: 69.0 Test Duration: 1005455383 Test Type: Draw Down Test Level: 60 Test Level: 69.0 Test Level: 60 Test Level: 50.0 </td <td></td>	
Test Level: 22.16699981689453 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: 1005455379 Test Type: Draw Down Test Duration: 40 Test Level: 69.0 Test Level UOM: tt Draw Down & Recovery Pump Test Detail ID: 1005455383 Test Level: 69.0	
Test Level UOM: ft Draw Down & Recovery Pump Test Detail ID: 1005455379 Test Type: Draw Down Test Duration: 40 Test Level: 69.0 Test Level UOM: t Draw Down & Recovery Pump Test Detail ID: 1005455383 Test Level: 60 Test Level: 53.0 Test Level: 53.0 </td <td></td>	
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Test Duration:40Test Level:69.0Test Level UOM:ftDraw Down & Recovery1005455383Pump Test Detail ID:1005455383Test Type:Draw DownTest Level:60Test Level:69.0Test Level UOM:ftDraw Down & RecoveryRecoveryPump Test Detail ID:1005455362Test Type:RecoveryPump Test Detail ID:1005455362Test Level:53.0Test Level:53.0Test Level:53.0Test Level:1005455372	
Test Level: 69.0 Test Level UOM: ft Draw Down & Recovery	
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Draw Down & Recovery Pump Test Detail ID: 1005455383 Fest Type: Draw Down Fest Duration: 60 Fest Level: 69.0 Fest Level UOM: ft Draw Down & Recovery Pump Test Detail ID: 1005455362 Fest Type: Recovery Fest Level: 2 Fest Level: 53.0 Fest Level UOM: ft Draw Down & Recovery ft Pump Test Detail ID: 1005455362 Fest Level: 53.0 Fest Level UOM: ft Draw Down & Recovery ft Pump Test Detail ID: 1005455372	
Pump Test Detail ID: 1005455383 Test Type: Draw Down Fest Level: 60 Fest Level: 69.0 Test Level UOM: ft Draw Down & Recovery 1005455362 Pump Test Detail ID: 1005455362 Fest Level: 2 Test Level: 53.0 Fest Level UOM: ft Praw Down & Recovery Pump Test Detail ID: 1005455362 Fest Level: 53.0 Fest Level UOM: ft Draw Down & Recovery ft Pump Test Detail ID: 1005455372	
Test Type:Draw DownTest Duration:60Test Level:69.0Test Level UOM:ftDraw Down & Recovery100545362Pump Test Detail ID:100545362Test Type:RecoveryTest Level:53.0Test Level UOM:ftDraw Down & Recovery100545372	
Test Duration:60Test Level:69.0Test Level UOM:ftDraw Down & Recovery1005455362Pump Test Detail ID:1005455362Test Type:RecoveryTest Duration:2Test Level:53.0Test Level UOM:ftDraw Down & Recovery1005455372	
Test Level: 69.0 Test Level UOM: ft Draw Down & Recovery	
Test Level UOM: ft Draw Down & Recovery	
Draw Down & Recovery Pump Test Detail ID: 1005455362 Test Type: Recovery Test Duration: 2 Test Level: 53.0 Test Level UOM: ft Draw Down & Recovery 1005455372	
Pump Test Detail ID:1005455362Test Type:RecoveryTest Duration:2Test Level:53.0Test Level UOM:ftDraw Down & Recovery1005455372	
Test Type: Recovery Test Duration: 2 Test Level: 53.0 Test Level UOM: ft Draw Down & Recovery 1005455372	
Test Duration: 2 Fest Level: 53.0 Test Level UOM: ft Draw Down & Recovery 1005455372	
Test Level: 53.0 Test Level UOM: ft Draw Down & Recovery 1005455372	
Test Level UOM: ft Draw Down & Recovery 1005455372	
Draw Down & Recovery Pump Test Detail ID: 1005455372	
Pump Test Detail ID: 1005455372	
Test Type: Recovery	
Test Duration: 15	
Test Level: 23.58300018310547	
Fest Level UOM: ft	

Draw Down & Recovery

Pump Test Detail ID:	1005455368
Test Type:	Recovery
Test Duration:	5
Test Level:	47.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455370
Test Type:	Recovery
Test Duration:	10
Test Level:	24.08300018310547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455373
Test Type:	Draw Down
Test Duration:	20
Test Level:	69.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455382
Test Type:	Recovery
Test Duration:	50
Test Level:	21.16699981689453
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455359
Test Type:	Draw Down
Test Duration:	1
Test Level:	25.16699981689453
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455380
Test Type:	Recovery
Test Duration:	40
Test Level:	21.16699981689453
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005455364
Test Type:	Recovery
Test Duration:	3
Test Level:	51.83300018310547
Test Level UOM:	ft

Draw Down & Recovery

Pump	Test	Detail	ın
rump	1031	Delan	ιυ.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duratio	n:	60			
Test Level:		20.58300018310547			
Test Level U	OM:	ft			
Draw Down	& Recovery				
Pump Test L	Detail ID:	1005455371			
Test Type:		Draw Down			
Test Duratio	n:	15			
Test Level:		68.0 "			
Test Level U	OM:	ft			
Draw Down	<u>& Recovery</u>				
Pump Test L	Detail ID:	1005455377			
Test Type:		Draw Down			
Test Duratio	n:	30			
Test Level:		69.0 "			
Test Level U	OM:	ft			
Draw Down	& Recovery				
Pump Test L	Detail ID:	1005455360			
Test Type:		Recovery			
Test Duratio	n:	1			
Test Level:		58.0			
Test Level U	IOM:	ft			
Draw Down	& Recovery				
Pump Test L	Detail ID:	1005455361			
Test Type:		Draw Down			
Test Duratio	n.	2			
Test Level:		31.0			
Test Level U	IOM:	ft			
Draw Down	<u>& Recovery</u>				
Pump Test L	-	1005455367			
Test Type:		Draw Down			
Test Duratio	n:	5			
Test Level:		44.0			
Test Level U	IOM:	ft			
Draw Down	& Recovery				
Pump Test L	Detail ID:	1005455375			
Test Type:		Draw Down			
Test Duratio	n:	25			
Test Level:		69.0			
Test Level U	OM:	ft			
Draw Down	<u>& Recovery</u>				
Pump Test L	Detail ID:	1005455376			
Test Type:		Recovery			
Test Duratio	n:	25			
Test Level:		21.58300018310547			
Tost I ovol II	IOM-	ft			

21.58300018310547 ft

Test Level UOM:

	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Draw Down & R	<u>Recovery</u>						
Pump Test Deta	ail ID:		1005455378				
Test Type:			Recovery				
Test Duration:			30				
Test Level:			21.41699981689453				
Test Level UOM	1:		ft				
Water Details							
Nater ID:			1005455356				
layer:			1				
Kind Code:			3				
Kind:			SULPHUR				
Water Found De			78.0				
Nater Found De	epth UOM.		ft				
Hole Diameter							
Hole ID:			1005455355				
Diameter:							
Depth From:							
Depth To:			6				
Hole Depth UOI Hole Diameter L	M: LOM:		ft				
Hole Diameter C			inch				
<u>43</u> 1	of 1		ENE/208.5	180.8 / 1.00	Dominion Natural Ga 36	s co. Ltd Mathias Neff No.	OOG
					Humberstone ON		
Licence No:		F015011			Well Compl:	26656	
Well ID:		27048			County:	Welland	
Well Compl ID:		26656			Block:	NULL	
W Class ID:		2362			Lot:	30	
UWI Code:		F015011			Conc:	 42 80202556	
Permit Date: Depth(m):		NULL 252.98			Surface Lat NAD83: Surface Long NAD83:	42.89302556 -79.26381417	
Well Pool:		232.90 Welland F	Pool		Bottom Lat NAD83:	42.89302556	
Completion Dat			01 00:00:00		Bottom Long NAD83:	-79.26381417	
Depth Reached			01 00:00:00		Lot Sides (m):	43.67 N	
Capped Date:		1967-11-2	24 00:00:00		E/W (m):	94.76 W	
Class ID:					Latitude Nad27:		
DB Source:					Longitude Nad27:		
Status as of:		January 2			bottom lat27:		
Start Date:			01 00:00:00		bottom long27:	No	
SPUD Date: Class:		1906-10-0 DEV	01 00:00:00		Lateral:	No 200	
Grnd Elev:		181.46			Accuracy: Method:	Well Records (pre 1921)	
KB Elev:		181.76			Parent:	NULL	
TVD:		252.98			Prod Top:	249.94	
PBTD:		NULL			Prod Bot:	NULL	
		NULL			PROPD Depth:	252.98	
TD Form:		NULL			Location Method:	Well Records (pre 1921)	
TD Form: Workover D:			Natural Gas Co. Ltd.		Location Accuracy:	Within 200 metres	
Workover D: Operator:		I III make a red	Anot		Dt Obtained:	NULL	
Workover D: Operator: Township:		Humberst					
Workover D: Operator: Township: Well Name:		numbers	Dominion Natural Ga	s co. Ltd Mathia			
Workover D: Operator: Township: Well Name: Target:		numbers		s co. Ltd Mathia			
<i>Workover D:</i> Operator: Township: Well Name:		numbersi	Dominion Natural Ga	s co. Ltd Mathia			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Status	Mode:		Abandoned Well			
Status Mode	Desc:		A WELL WHICH IS	OFFICIALLY PI	LUGGED AND ABAN	NDONED
Classificatio	n:	I	DEVELOPMENT			
Classificatio	on Desc:					RILLED FOR THE PURPOSE OF PRODUCING FROM OF NOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec	:	1	NULL			
Comments:		/	Accuracy is approxir	mate and not ve	rified.	
<u>Details</u>						
l iconso No:		F015011			Source:	n/a

	<i>n).</i>	Elevation / Top (m):		burg	n/a Amherstb Fresh	ormation:	Elevation (Geology Fo Type of Wa
lot 33 con 2 ON WWIS			179.8 / 0.00	WNW/214.3		1 of 1	<u>44</u>
ata Entry Status:	s:	Data Entry Status:			6601077		Well ID:
ata Src: 1		Data Src:				ion Date:	Construction
Pate Received: 8/19/1953		Date Received:		;	Domestic	ater Use:	Primary Wa
elected Flag: True		Selected Flag:			0	r Use:	Sec. Water
bandonment Rec:	ec:	Abandonment Rec:		ipply	Water Su	Status:	Final Well S
contractor: 4720		Contractor:				e:	Water Type
form Version: 1		Form Version:				terial:	Casing Ma
Owner:		Owner:					Audit No:
treet Name:		Street Name:					Tag:
County: NIAGARA		County:				ion Method:	Constructio
Iunicipality: PORT COLBORNE CITY (HUMBERSTONE)		Municipality:				(m):	Elevation (
ite Info:		Site Info:				Reliability:	Elevation F
ot: 033		Lot:				Bedrock:	Depth to B
Concession: 02		Concession:				h:	Well Depth
Concession Name: CON	ie:	Concession Name:				en/Bedrock:	Overburde
asting NAD83:		Easting NAD83:				e:	Pump Rate
lorthing NAD83:		Northing NAD83:				er Level:	Static Wate
		Zone:				(/N):	Flowing (Y
ITM Reliability:		UTM Reliability:					Flow Rate:
-		-				ıdy:	Clear/Clou

PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601077.pdf$

Additional Detail(s) (Map)

Well Completed Date:	1953/08/10
Year Completed:	1953
Depth (m):	11.2776
Latitude:	42.8927505744031
Longitude:	-79.28000784519
Path:	660\6601077.pdf

Bore Hole Information

Bore Hole ID:	10460811	Elevation:	180.190002
DP2BR: Spatial Status:	6.00	Elevrc: Zone:	17
Code OB:	r	East83:	640438.90
Code OB Desc:	Bedrock	North83:	4750340.00
Open Hole: Cluster Kind:		Org CS: UTMRC:	9
Date Completed: Remarks:	10-Aug-1953 00:00:00	UTMRC Desc: Location Method:	unknown UTM
Remarks:		Location wethod:	p9

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	rrce Date: t Location Source: t Location Method: sion Comment:					
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	r:	932590537 2 GREY 15 LIMESTONE				
Mat3: Mat3 Desc: Formation Tc Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	6.0 37.0 ft				
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r:	932590536 1 05 CLAY				
Mat3 Desc: Formation To Formation Er Formation Er		0.0 6.0 ft				
<u>Method of Co</u> <u>Use</u>	onstruction & Well					
Method Cons	struction Code:	966601077 1 Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		11009381 1				
<u>Construction</u> Casing ID: Layer: Material: Open Hole or	<u>Record - Casing</u> Material:	930748511 1 1 STEEL				

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Depth From:							
Depth To:	- 4		6				
Casing Diame			6 inch				
Casing Diame Casing Depth			ft				
Casing Depu	100111.		n				
Construction	Record -	<u>Casing</u>					
Casing ID:			930748512				
Layer: Material:			2 4				
open Hole or	Matorial		4 OPEN HOLE				
Depth From:	material.						
Depth To:			37				
Casing Diame	eter:		6				
Casing Diame			inch				
Casing Depth			ft				
Results of We	ell Yield Te	esting					
Pump Test ID			996601077				
Pump Set At:							
Static Level:	<i></i>		12.0				
Final Level A			12.0				
Recommende		eptn:	4.0				
Pumping Rate			4.0				
Recommende		ato.					
Levels UOM:		ale.	ft				
Rate UOM:			GPM				
Water State A	After Test (Code:	1				
Water State A			CLEAR				
Pumping Tes	t Method:		1				
Pumping Dur			0				
Pumping Dur	ation MIN:		30				
Flowing:			No				
Water Details	į						
Water ID:			933948352				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found Water Found		М:	37.0 ft				
<u>45</u>	1 of 1		WNW/214.9	179.8 / 0.00	lot 1 con 2		WWIS
					ON		
Well ID: Comotinuotion	Data	6602166	5		Data Entry Status:	4	
Construction Primary Wate		Commo	ical		Data Src: Date Received:	1 1/19/1960	
Primary wate Sec. Water Us		Commer 0	ical		Date Received: Selected Flag:	1/19/1960 True	
Sec. water 0: Final Well Sta		0 Water Si	vlaau		Abandonment Rec:	IIUE	
Water Type:			~~~,,		Contractor:	2526	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	Method:				County:	NIAGARA	
Elevation (m)	:				Municipality:	WAINFLEET TOWNSHIP	
• • •	liability				Site Info:		
Elevation Rel Depth to Bed					Lot:	001	

	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Well Depth: Overburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	02 CON	
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/660\6602166.pdf	
Additional Detail	<u>(s) (Map)</u>					
Well Completed Year Completed: Depth (m): Latitude: Longitude: Path:		1959/10/15 1959 10.0584 42.892446936028 -79.2807755947065 660\6602166.pdf	i			
Bore Hole Inform	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Lo Source Revision Supplier Comme	Date: cation Source: cation Method: Comment:	k -1959 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	179.959655 17 640376.90 4750305.00 5 margin of error : 100 m - 300 m p5	
Overburden and Materials Interva						
Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation Top D Formation End D Formation End D	epth: Depth:	932594088 1 02 TOPSOIL 0.0 1.0 ft				
Overburden and Materials Interva						
Formation ID:		932594089 2				
Layer: Color: General Color: Mat1:		17				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Most Commo	n Material:	SHALE			
Mat2:		15			
Mat2 Desc: Mat3:		LIMESTONE			
Mats: Mat3 Desc:					
Formation To	n Denth:	1.0			
Formation En		33.0			
	d Depth UOM:	ft			
<u>Method of Co Use</u>	nstruction & Well				
Method Cons		966602166			
	truction Code:	1 Cable Teal			
Method Cons Other Method	truction: Construction:	Cable Tool			
Pipe Informat	tion				
Pipe ID:		11010469			
Casing No: Comment:		1			
<i>Comment:</i> Alt Name:					
Construction	Record - Casing				
Casing ID:		930750455			
Layer:		1			
Material: Open Hole or	Matorial	1 STEEL			
Depth From:	material.	OTELL			
Depth To:		6			
Casing Diame	eter:	6			
Casing Diame	eter UOM:	inch			
Casing Depth	UOM:	ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930750456			
Layer:		2			
Material:	Matarial				
Open Hole or Depth From:	wateriai:	OPEN HOLE			
Depth To:		33			
Casing Diame	eter:	6			
Casing Diame	eter UOM:	inch			
Casing Depth	UOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID		996602166			
Pump Set At:		9.0			
Static Level:	fter Pumping:	8.0 22.0			
	ed Pump Depth:	22.0			
Pumping Rate		10.0			
Flowing Rate					
	ed Pump Rate:	10.0			
		ft			
Levels UOM:					
Levels UOM: Rate UOM:		GPM			
Levels UOM: Rate UOM:	After Test Code:	GPM 2 CLOUDY			

Map Key Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN	:	0			
Flowing:		No			
Water Details					
Water ID:		933949465			
Layer:		1			
Kind Code: Kind:		1 FRESH			
Water Found Depth:		33.0			
Water Found Depth UC	DM:	ft			
46 1 of 1		WNW/226.9	179.8 / 0.00	lot 33 con 2 ON	WWIS
Well ID:	6601083			-	
Ven ID: Construction Date:	0001003			Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	;		Date Received:	4/11/1960
Sec. Water Use:	0			Selected Flag:	True
Final Well Status:	Water Su	ipply		Abandonment Rec:	0500
Water Type:				Contractor:	2526
Casing Material: Audit No:				Form Version: Owner:	1
Tag:				Street Name:	
Construction Method:				County:	NIAGARA
Elevation (m):				Municipality:	PORT COLBORNE CITY (HUMBERSTONE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	033
Well Depth: Overburden/Bedrock:				Concession: Concession Name:	02 CON
Pump Rate:				Easting NAD83:	CON
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads,	/2Water/Wells_pdfs/660\6601083.pdf
Additional Detail(s) (Ma	<u>ap)</u>				
Well Completed Date:		1960/03/17			
Year Completed:		1960			
Depth (m): Latitude:		8.8392 42.892884672456	5		
Longitude:		-79.279942882633			
		660\6601083.pdf			
Path:					
Bore Hole Information Bore Hole ID:	10460817	7		Elevation:	180.223770
<u>Bore Hole Information</u> Bore Hole ID: DP2BR:	10460817 2.00	7		Elevrc:	
<u>Bore Hole Information</u> Bore Hole ID: DP2BR: Spatial Status:	2.00	7		Elevrc: Zone:	17
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB:	2.00 r	7		Elevrc: Zone: East83:	17 640443.90
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB:	2.00	7		Elevrc: Zone:	17
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	2.00 r	7		Elevrc: Zone: East83: North83:	17 640443.90
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	2.00 r Bedrock	7 960 00:00:00		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640443.90 4750355.00 9 unknown UTM
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	2.00 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC:	17 640443.90 4750355.00 9
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc:	2.00 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640443.90 4750355.00 9 unknown UTM
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc:	2.00 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	17 640443.90 4750355.00 9 unknown UTM
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date:	2.00 r Bedrock 17-Mar-1			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 640443.90 4750355.00 9 unknown UTM

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement	t Location Source: t Location Method: sion Comment: nment:				
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer: Color: General Colo		932590550 2			
Mat1: Most Commo Mat2: Mat2 Desc:		15 LIMESTONE			
Mat3: Mat3 Desc: Formation To Formation Ei	nd Depth:	2.0 29.0			
Formation Er	nd Depth UOM: and Bedrock	ft			
Materials Inte					
Formation ID Layer: Color: General Colo		932590549 1			
Mat1: Most Commo Mat2: Mat2 Desc:		02 TOPSOIL 05 CLAY			
Mat3: Mat3 Desc: Formation To	op Depth:	0.0			
Formation Ei Formation Ei	nd Depth: nd Depth UOM:	2.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	966601083 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11009387 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material:		930748523 1 1			
Open Hole of Depth From: Depth To:	r Material:	STEEL 7			

Casing Diameter: 6 Casing Diameter: 00M: inch Casing Diameter: 00M: inch Casing Diameter: 00M: inch Casing Diameter: 00M: 2 Material: 4 Dept To: 2 Casing Diameter: 00M: 6 Casing Diameter: 00M: 7 Casing Diameter: 00M: 7 Casing Diameter: 00M: 7 Final Loval After Funging: 16.0 Recommended Pump Patte: 4.0 Final Loval After Funging: 16.0 Recommended Pump Patter: 4.0 Final Loval After Funging: 16.0 Recommended Pump Patter: 4.0 Final Loval After Funging: 16.0 Recommended Pump Patter: 4.0 Final Loval After Fast Code: 2 Water State After Tast: CLOUDY Pumping Duration MIN: 0 Recommended Putti VOM: ft 41 1 of 1 ENE228.9 180.8 / 1.00 Recommended Patter: 20.0 Water Found Depth: 00M: ft 41 1 of 1 ENE228.9 180.8 / 1.00 Final Loval Code: 013/JNN18 Kind: Code: 1 Kind: Code: 03/JNN18 Kind: 03/JNN1	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Gasing JD: 900748524 Layer: 2 Material: 2 Open Hole or Material: OPEN HOLE Depth From: 2 Casing Dometer: 0 Recommended Pump Depth: 16.0 Recommended Pump Rate: 4.0 Recommended Pump Rate: 0 Recommended Pump Rate: 10 Flowing Rate: 10 Pumping Rate: 10 Reter Doculals 10 Water State After Test: CLOUDY Pumping Rate: 1 Rate VOM: 1 11 ENEZ28.9 180.8 / 1.00 28 Kilaly street w Port Colourne ON Lak 646 Mater State After Test: CLOUDY Pumping Rate: 1 Rate VOM: 1 12 1 of 1 ENEZ28.9	Casing Diame	eter UOM:	inch				
Laper i 2 Material 4 Open Hole or Material: OPEN HOLE Depth From: Both To: 29 Gasing Diameter UOM: inch Casing Dopth UOM: inch Casing Dopth UOM: inch Results of Well Yield Testing Pump Tast ID: 995601083 Pump Stat: Static Level After Funnjang: 16.0 Pumping Taste: 4.0 Flowing Rate: 4.0 Recommended Pump Depth: 16.0 Pumping Taste: 4.0 Recommended Pump Depth: 16.0 Pumping Taste: 4.0 Recommended Pump Depth: 5.0 Water State After Tast Code: 1 Pumping Taste Material 1 Pumping Taste Mater Tast Code: 1 Recommended Pump Depth: 29.0 Water State After Tast Code: 1 Recommended Pump Depth: 29.0 Water Found Depth: 29.0 Water Found Depth UOM: 1 47 1 of 1 ENE228.9 180.8 / 1.00 285 Killely street w Port Colborne ON L3K 6A6 ELS Status: C Report Type: Sile Report Report Sile Report Red Sile Report Report Sile Report Type: Sile Report Report Sile Report Type: Sile Report Report Sile Report Type: Sile Report Record Recover Sile Report Recover Sile Report Type: Sile Report Recover Sile Recover Sile Report Recover Sile Report Type: Sile Report Rec	Construction	<u>Record - Casing</u>					
Layer: 2 Open Hole or Material: 4 Open Hole or Material: 0 PEN HOLE Depth From: 29 Gasing Diameter UOM: non Gasing Diameter UOM: 100 Easing Diameter Easing Easing Easing UOM: 100 Easing Diameter Easing Easing UOM: 100 Easing Diameter Easing Easing UOM: 100 Easing Diameter Easing	Casing ID:		930748524				
Open From: 29 Depth From: 29 Casing Diameter: 6 Casing Diameter: 001: inch Casing Depth VOM: it Results of Well Yield Testing Pump Test IV The Pumping: 16:0 Recommended Pump Depth: 10:0 Hard State After Test Code: 2 Water State After Test COde: 2 Water State After Test COde: 2 Water State After Test COde: 1 Kind Code: 1 Kin			2				
Depth From: Depth From: Depth From: Depth From: Besting Diameter: 8 Results of Well Yield Testing Pump Test ID: 99601083 Pump Test ID: 99601083 Pump Test ID: 99601083 Pump Test ID: 99601083 Pump Test ID: 99601083 Pump Test ID: 99601083 Pump Test ID: 90601083 Pump Test ID: 90601083 Pump Test Mer Pump Test I 100 Pumping Test Method: 1 Pumping Duration MIN: 0 Flowing: No Water Found Depth UOM: 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1							
Depth Tro: 29 Casing Diameter: 6 Casing Diameter: UOM: inch Casing Diameter: 996601083 Yump Set After Fumping: 14.0 Final Level After Pumping: 16.0 Recommended Pump Rate: 4.0 Howing Rate: 4.0 Howing Rate: 000 Recommended Pump Rate: 4.0 Levels: UOM: inch Recommended Pump Rate: 10 Recommended Pump Rate:		Material:	OPEN HOLE				
Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 0001: inch Casing Diameter: 0001: inch Resource of Voll Yield Testing Pump Test ID: 996601083 Pump Set At: Static Level: 14.0 Final Level After Pumping: 16.0 Recommended Pump Depth: 16.0 Recommended Pump Rate: 4.0 Evels UOM: th Recommended Pump Rate: 4.0 Evels UOM: th Evels UOM: th 41 of 1 ENE/228.9 180.8 / 1.00 285 Killely street w Port Colours ON Lisk 6A6 EHS Setup: 03-JAN-19 Set Recover: 02-JAN-19 Date: Colour Powskie: ON Report Type: Site Report Report Date: 03-JAN-19 Date Recover: 02-JAN-19 Date Recover: 02-JAN-19 Set Recover: 02-JAN-19 Date Recover: 02-JAN-19 Set Recover: 02-JAN-19 Pervice Site Rame: Y: 42.891934 42 1 of 1 WWW229.2 178.8 / -1.00 THE HARD ROCK GROUP WAINFLEET ON LOS 1V0			20				
Casing Depth UOM: inch Casing Depth UOM: it Results of Well Yield Testing Pump Test ID: 996601083 Yump Set AI: 14.0 Static Level: 14.0 Final Level After Pumping: 16.0 Recommended Pump Depth: 16.0 Recommended Pump Rate: 4.0 Recommended Pump Rate: 4.0 Recommended Pump Rate: 1.0 Water State After Test Code: 2 Pumping Touration HR: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Found Depth: 23.0348358 Layer: 1 Kind: FRESH Water Found Depth: 2.10 101 ENE228.9 180.8 / 1.00 285 Killaly street w ENS State: Clear Found Depth UOM: t ENS State: Clear Found Depth UOM: t ENS State: Clear Found Depth UOM: t ENS Mater Found Depth UOM: t ENS Nearest Intersection		otor:					
Casing Depth UOM: It Results of Well Yield Testing Pump Test ID: 996601083 Pump Test ID: 14.0 Static Level: 14.0 Static Level: 16.0 Secommended Pump Dept: 16.0 Secommended Pump Rate: 4.0 Secommended Pump Rate: 4.0 Secommended Pump Rate: 1.0 Varier State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 1 Pumping Duration MR: 0 Tumping Test: 0 Reversion Method: 1 Pumping Uration MIN: 0 Reversion Method: 1 Varier State After Test Code: 2 Water State After Test Code: 2 Water State After Test Code: 0 Reversion Min: 0 Reversion Method: 1 Varier State After Test Code: 2 Varier State After Test Code: 2 Varier State After Test Code: 2 Varier State After Found Depth: 2 Varier St							
Pump Test ID: 996601083 Pump Test ID: 140 Final Level Atter Pumping: 160 Recommended Pump Depth: 40 Proving Rate: 40							
Pump Set At: Static Level: 14.0 Final Level After Pumping: 16.0 Final Level Dumb Rate: 4.0 Levels UOM: th Recommended Pump Rate: 4.0 Levels UOM: th Recommended Pump Rate: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 0 Flowing: No Water State After Test: CLOUDY Pumping Duration HR: 0 Flowing: No Water Found Depth: 29.33948358 Layer: 1 Kind: FRESH Water Found Depth: 29.0 Water Found Depth: 1 47 1 of 1 ENE/228.9 180.8/1.00 285 Killaly street w Port Colborne ON L3K 6A6 EHS Order No: 20190102193 Nearest Intersection: Status: C Report Dripe: 03.4NA-19 Status: C Report Dripe: 03.4NA-19 Status: Y: 42.891934 Ladditional Info Ordered: 48 1 of 1 WNW/229.2 178.8/-1.00 THE HARD ROCK GROUP 20546 HWY #3 WEST NOT AVAILABLE NPRI	Results of We	ell Yield Testing					
Static Level: 14.0 Final Level After Pumping 16.0 Recommended Pump Depth: 16.0 Proving Rate: 40 Flowing Rate: 40 Recommended Pump Rate: 40 Evers UOM: ti Rate UOM: 6PM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Duration HR: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Found Depth: 293.0 Water Found Depth: 29.0 Water Found Depth: 20.0 Water Found Depth: 2			996601083				
Recommended Pump Depth: 16.0 Pumping Rate: 4.0 Recommended Pump Rate: 4.0 Levels UOM: t. t. Recommended Pump Rate: 4.0 Levels UOM: t. t. Rate UOM: GPM Water State After Test C.CLOUDY Pumping Duration HR: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing 2 Water Details Water Dotails Water Found Depth: 29.0 Water Found Depth: 20.0 Water Found D			14.0				
Pumping Rate: 4.0 Forwing Rate: Free Second Pump Rate: 4.0 Feedommended Pump Rate: 4.0 Levels UOM: the Second Pumping Duration HR: 5 Pumping Duration HR: 1 Pumping Duration HR: 0 Prowing: No Water Details Water Found Depth: 0 Kind Code: 1 Kind	Final Level At	fter Pumping:					
Flowing Rate: Recommended Pump Rate: 4.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Duration HR: 1 Pumping Duration HR: 0 Flowing: No Water DetailS Water ID: 933948358 Layer: 1 Kind Code: 1 Kind Code: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 29.0 Water Found Depth: 29.0 Water Found Depth: 29.0 Water Found Depth: 29.0 Water Found Depth: 00M: ft 47 1 of 1 ENE/28.9 180.8 / 1.00 285 Killaly street w Port Colborne ON L3K 6A6 EHS Drder No: 20190102193 Nearest Intersection: Status: C Status: C Stat							
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Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Duration MR: 1 Pumping Duration MR: 0 Flowing: No Water Details Water Found Depth: 933948358 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 29.0 Water Found Depth: 20.1 Client Prov/State: 0N Search Radius (km): 001 Date Received: 02-JAN-19 X: -79.262577 Y: 42.891934 Lot/Building Size: Additional Info Ordered: 43 1 of 1 WNW229.2 178.8/-1.00 THE HARD ROCK GROUP 20546 HWY #3 WEST NOT AVAILABLE WAINFLEET ON LOS 1V0			4.0				
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471 of 1ENE/228.9180.8 / 1.00285 Killaly street w Port Colborne ON L3K 6A6EHSOrder No:20190102193Nearest Intersection: Municipality: Report Type:Site ReportClient Prov/State:ONReport Date:03-JAN-19Search Radius (km): X: Y:.001.001Date Received:02-JAN-19X: Y:.79.262577Previous Site Name: Lot/Building Size: Additional Info Ordered:Y:42.891934481 of 1WNW/229.2178.8 / -1.00THE HARD ROCK GROUP 20546 HWY #3 WEST NOT A VAILABLE WAINFLEET ON LOS 1VONPRI							
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	NPRI ID:	10682	:		Org ID:	69278	

	Number Records	or	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Other ID:		N			Submit Date:	8/11/2004
No Other ID:					Last Modified:	5/29/2015 3:28:24 PM
Track ID:		20786			Contact ID:	168374
Report ID:		156150			Cont Type:	MED
Report Type:		NPRI			Contact Title:	
Rpt Type ID:		1			Cont First Name:	JOHN
Report Year:		2003			Cont Last Name:	BLAKE
Not-Current R	pt?:	No			Contact Position:	SENIOR MANAGER - AGGREGATES, ENVIRO CONSTRUCTION, HWY MAINT.
Yr of Last File	d Rpt:	2003			Contact Fax:	9058358338
Fac ID:		153868			Contact Ph.:	9058358413
Fac Name:		LAW CRU	JSHED STONE		Cont Area Code:	905
Fac Address1:	:	20546 HV	VY #3 WEST		Contact Tel.:	58358413
Fac Address2:	:	NOT AVA	ILABLE		Contact Ext.:	
Fac Postal Zip):	L0S 1V0			Cont Fax Area Cde:	905
Facility Lat:		42.8914			Contact Fax:	58358338
Facility Long:		-79.283			Contact Email:	JBLAKE@HARDROCKGROUP.COM
DLS (Last File	d Rpt):				Latitude:	42.8914
Facility DLS:	.,				Longitude:	-79.283
Datum:		1983			UTM Zone:	
Facility Cmnts		False			UTM Northing:	
URL:		1 0.00			UTM Easting:	
No of Empl.:		8			Waste Streams:	Truez,
Parent Co.:		*			No Streams:	Indez
No Parent Co		1				False
	-	-			Waste Off Sites:	Faise
Pollut Prev Cn	nnts:	False			No Off Sites:	Taxa
Stacks:		True			Shutdown:	True
No of Stacks:	0				No of Shutdown:	1
Canadian SIC	• •	git):				
Canadian SIC						
SIC Code Des	•					
American SIC						
NAICS Code (2	2 digit):		21			
•	• /		Mining and Oil and O	Gas Extraction		
NAICS 2 Desc	ription:			Gas Extraction		
NAICS 2 Desci NAICS Code (4	ription: 4 digit):		Mining and Oil and O		rrying	
NAICS 2 Desci NAICS Code (4 NAICS 4 Desci NAICS Code (6	ription: 4 digit): ription: 6 digit):		Mining and Oil and 0 2123 Non-metallic minera 212315	I mining and qua	rrying	
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NAICS 2 Desc NAICS Code (4 NAICS 4 Desc NAICS Code (6 NAICS 6 Desc Substance Ref	ription: 4 digit): ription: 6 digit): ription: <u>lease Repo</u>	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar 3	I mining and qua	rrying	
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VAICS 2 Desc VAICS Code (4 VAICS Code (6 VAICS 6 Desc Substance Res Category Type Category Type Category Type Grouping: Trans Code: Chem:	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID:	r <u>t</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar ³ Fugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Err 3	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi	rons crons	rd
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VAICS 2 Desc VAICS Code (4 VAICS Code (6 VAICS 6 Desc Substance Res Category Type Category Type Category Type Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estim Category Type Category Type Category Type Category Type Category Type Category Type Category Type Category Type	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc:	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar 3 Fugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Em 3 Fugitive Émissions fugitives Total Air	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi	rons crons	rd
VAICS 2 Desci VAICS Code (4 VAICS Code (6 VAICS 6 Desci Substance Rei Category Type Category Type Category Type Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estim Category Type Category Type	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc:	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar 3 Fugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Em 3 Fugitive Émissions fugitives Total Air VOCs	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi	rons crons In use from 2003 and onwa	rd
VAICS 2 Desc VAICS Code (4 VAICS Code (4 VAICS 6 Desc Substance Res Category Type Category Type Category Type Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estim Category Type Category Category Ca	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc:	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar 3 Fugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Em 3 Fugitive Émissions fugitives Total Air VOCs PM2.5 - Particulate I	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi nission Factors - Matter <= 2.5 Mi	rons crons In use from 2003 and onwa	rd
VAICS 2 Desci VAICS Code (4 VAICS Code (6 VAICS 6 Desci Substance Rei Category Type Category Type Category Type Grouping: Trans Code: Chem (fr): Quantity: Unit: Basis of Estim Basis of Estim Category Type Category Type	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc:	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar Sugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Err 3 Fugitive Émissions fugitives Total Air VOCs PM2.5 - Particulate I PM2,5 - Matière parti	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi nission Factors - Matter <= 2.5 Mi	rons crons In use from 2003 and onwa	rd
NAICS 2 Desc NAICS 2 Desc NAICS Code (4 NAICS 6 Desc Substance Ref Category Type Category Type Category Type Grouping: Trans Code: Chem (fr): Quantity: Unit: Basis of Estim Basis of Estim Category Type Category Categ	ription: 4 digit): ription: 6 digit): ription: lease Repo e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc:	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar Sugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Err 3 Fugitive Émissions fugitives Total Air VOCs PM2.5 - Particulate I PM2.5 - Matière part 1.603	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi nission Factors - Matter <= 2.5 Mi	rons crons In use from 2003 and onwa	rd
NAICS 2 Desc NAICS 2 Desc NAICS Code (4 NAICS 6 Desc Substance Ref Category Type Category Type Category Type Grouping: Trans Code: Chem (fr): Quantity: Unit: Basis of Estim Basis of Estim Category Type Category Category Cate	ription: 4 digit): ription: 6 digit): ription: <u>lease Repo</u> e ID: e Desc: e Desc (fr): nate Desc: e ID: e Desc: e Desc (fr):	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar Sugitive Émissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Err 3 Fugitive Émissions fugitives Total Air VOCs PM2.5 - Particulate I PM2,5 - Matière part 1.603 tonnes	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi nission Factors - Matter <= 2.5 Mi	rons crons In use from 2003 and onwa	rd
VAICS 2 Desc VAICS Code (4 VAICS Code (4 VAICS Code (6 VAICS 6 Desc Substance Res Category Type Category Type	ription: 4 digit): ription: 6 digit): ription: <u>lease Repo</u> e ID: e Desc: e Desc (fr): nate Cd: nate Desc: e ID: e Desc (fr):	<u>rt</u>	Mining and Oil and O 2123 Non-metallic minera 212315 Limestone mining ar Superior of the second Emissions fugitives Total Air VOCs PM10 - Particulate M PM10 - Matière parti 2.912 tonnes E1 E1- Site Specific Em 3 Fugitive Émissions fugitives Total Air VOCs PM2.5 - Particulate I PM2.5 - Matière part 1.603 tonnes E1	I mining and qua nd quarrying Matter <= 10 Mic iculaire <= 10 mi nission Factors - Matter <= 2.5 Mi ticulaire <= 2,5 n	rons crons In use from 2003 and onwa	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Typ			1			
Category Typ			Stack / Point			
Category Typ	be Desc (fr):		Rejets de cheminée	ou ponctuels		
Grouping:			Total Air			
Trans Code:			ASta			
Chem:			PM2.5 - Particulate			
Chem (fr):			PM2,5 - Matière par	ticulaire <= 2,5 i	microns	
Quantity:			.857			
Unit:			tonnes			
Basis of Estin			E1			
Basis of Esti	mate Desc:		E1- Site Specific En	hission Factors -	In use from 2003 and onward	
Category Typ			1			
Category Typ			Stack / Point			
Category Typ	e Desc (fr):		Rejets de cheminée	ou ponctuels		
Grouping:			Total Air			
Trans Code:			ASta			
Chem:			PM10 - Particulate M	Matter <= 10 Mic	rons	
Chem (fr):			PM10 - Matière part	iculaire <= 10 m	icrons	
Quantity:			.858			
Unit:			tonnes			
Basis of Esti	mate Cd:		E1			
Basis of Estin	mate Desc:		E1- Site Specific En	nission Factors -	In use from 2003 and onward	
Category Typ	e ID:		6			
Category Typ			Road dust			
Category Typ			Poussières de route	S		
Grouping:	()		Total Air			
Trans Code:						
Chem:			PM2.5 - Particulate	Matter <= 2.5 M	icrons	
Chem (fr):			PM2,5 - Matière par	ticulaire <= 2,5 ı	nicrons	
Quantity:			.655	,-		
Unit:			tonnes			
Basis of Estin	mate Cd:		E1			
Basis of Estin	mate Desc:		E1- Site Specific En	nission Factors -	In use from 2003 and onward	
Category Typ	ne ID [.]		6			
Category Typ			Road dust			
Category Typ			Poussières de route	S		
Grouping:	e Dese (II).		Total Air	0		
Trans Code:						
Chem:			PM10 - Particulate N	Aatter ~- 10 Mic	rons	
Chem (fr):			PM10 - Matière part			
• •			2.688			
Quantity: Unit:			tonnes			
	mata Cdi		E1			
Basis of Estin				ingian Fastara	In use from 2002 and enward	
Basis of Esti	nate Desc:		ET- Sile Specific Eff	lission Factors -	In use from 2003 and onward	
<u>49</u>	1 of 2		ENE/236.1	180.8 / 1.00	1746826 Ontario Limited 266 Killaly St. W. Port Colborne ON L3K 6A6	GEN
Generator No	\.	ON2848	147		PO Box No:	
Status:		0112040	171		Country:	
Approval Yea	are -	2009			Choice of Contact:	
Contam. Faci		2005			Co Admin:	
MHSW Facilit					Phone No Admin:	
SIC Code:	.y.	811411			Filone No Adimin.	
SIC Descripti	on:	011411	Home and Garden E	Equipment Repa	ir and Maintenance	
<u>49</u>	2 of 2		ENE/236.1	180.8 / 1.00	Lock 8 Equipment Inc. 266 Killaly Street West Port Colborne ON L3K 6A6	GEN

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON42170 Registere As of Aug	d		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class: Waste Class			252 L Waste crankcase c	oils and lubricants			
<u>50</u>	1 of 7		ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road Port Colborne ON L3I	K 5K6	GEN
Generator No	o:	ON25940	171		PO Box No:		
Status: Approval Yea		06,07,08			Country: Choice of Contact:		
Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ty:	913910	Other Local Munici	pal and Regional F	Co Admin: Phone No Admin: Public Administ		
<u>Detail(s)</u>							
Waste Class: Waste Class			268 AMINES				
Waste Class: Waste Class			268 AMINES				
Waste Class: Waste Class			146 OTHER SPECIFIE	D INORGANICS			
Waste Class: Waste Class			112 ACID WASTE - HE	AVY METALS			
Waste Class: Waste Class			145 PAINT/PIGMENT/0	COATING RESIDU	IES		
Waste Class: Waste Class			148 INORGANIC LABC		CALS		
Waste Class: Waste Class			242 HALOGENATED F	PESTICIDES			
Waste Class: Waste Class			252 WASTE OILS & LU	JBRICANTS			
Waste Class: Waste Class			262 DETERGENTS/SC	DAPS			
Waste Class: Waste Class			263 ORGANIC LABOR	ATORY CHEMICA	ILS		
Waste Class: Waste Class			331 WASTE COMPRE	SSED GASES			
<u>50</u>	2 of 7		ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road		GEN

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
					Port Colborne ON L3K 5K6	
Generator No: Status:		ON25940	071		PO Box No: Country:	
Approval Yeai Contam. Facil MHSW Facility	ity:	2009			Choice of Contact: Co Admin: Phone No Admin:	
Code:		913910	Other Local Munic	cipal and Regional	Public Administration	
etail(s)						
Vaste Class: Vaste Class L	Desc:		112 ACID WASTE - H	EAVY METALS		
Vaste Class: Vaste Class L	Desc:		145 PAINT/PIGMENT/	COATING RESID	JES	
Vaste Class: Vaste Class L	Desc:		146 OTHER SPECIFIE	ED INORGANICS		
Vaste Class: Vaste Class L	Desc:		148 INORGANIC LAB	ORATORY CHEM	ICALS	
Vaste Class: Vaste Class L	Desc:		242 HALOGENATED	PESTICIDES		
/aste Class: /aste Class L	Desc:		262 DETERGENTS/S	OAPS		
Vaste Class: Vaste Class L	Desc:		263 ORGANIC LABOR	RATORY CHEMIC	ALS	
/aste Class: /aste Class L	Desc:		268 AMINES			
Vaste Class: Vaste Class L	Desc:		331 WASTE COMPRE	ESSED GASES		
/aste Class: /aste Class L	Desc:		252 WASTE OILS & L	UBRICANTS		
<u>50</u>	3 of 7		ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road Port Colborne ON L3K 5K6	GE
enerator No:		ON25940	071		PO Box No:	
tatus: pproval Yeai ontam. Facil	ity:	2010			Country: Choice of Contact: Co Admin:	
IHSW Facility IC Code: IC Descriptic		913910	Other Local Munic	ipal and Regional	Phone No Admin: Public Administration	
<u>etail(s)</u>						
/aste Class: /aste Class L	Desc:		242 HALOGENATED	PESTICIDES		
/aste Class: /aste Class L	Desc:		146 OTHER SPECIFIE	ED INORGANICS		
Vaste Class:			148			

Map Key	Number of Records	Direction/ Distance (m,	Elev/Diff) (m)	Site	DB
Waste Class	Desc:	INORGANIC LAB	ORATORY CHEMI	CALS	
Waste Class: Waste Class I		122 ALKALINE WAST	ES - OTHER MET	ALS	
Waste Class: Waste Class I		112 ACID WASTE - H	EAVY METALS		
Waste Class: Waste Class I		145 PAINT/PIGMENT	COATING RESID	JES	
Waste Class: Waste Class I		263 ORGANIC LABO	RATORY CHEMIC	ALS	
Waste Class: Waste Class I		268 AMINES			
Waste Class: Waste Class		252 WASTE OILS & L	UBRICANTS		
Waste Class: Waste Class I		331 WASTE COMPRI	ESSED GASES		
Waste Class: Waste Class I		262 DETERGENTS/S	OAPS		
<u>50</u>	4 of 7	ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road Port Colborne ON L3K 5K6	GEN
Generator No	: ON2	2594071		PO Box No:	
Status: Approval Yea Contam. Faci	lity:	1		Country: Choice of Contact: Co Admin:	
MHSW Facilit SIC Code: SIC Description	913		cipal and Regional	Phone No Admin: Public Administration	
<u>Detail(s)</u>					
Waste Class: Waste Class I		331 WASTE COMPRI	ESSED GASES		
Waste Class: Waste Class		145 PAINT/PIGMENT	COATING RESID	JES	
Waste Class: Waste Class		112 ACID WASTE - H	EAVY METALS		
Waste Class: Waste Class		268 AMINES			
Waste Class: Waste Class I		148 INORGANIC LAB	ORATORY CHEMI	ICALS	
Waste Class: Waste Class I		146 OTHER SPECIFI	ED INORGANICS		
Waste Class: Waste Class I		263 ORGANIC LABO	RATORY CHEMIC	ALS	
Waste Class:		252			

Map Key Numbe Recore		Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:	242 HALOGENATED P	ESTICIDES		
Waste Class: Waste Class Desc:	122 ALKALINE WASTE	S - OTHER MET	ALS	
Waste Class: Waste Class Desc:	262 DETERGENTS/SC	APS		
50 5 of 7	ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road Port Colborne ON L3K 5K6	GEN
Generator No:	ON2594071		PO Box No:	
Status: Approval Years:	2012		Country: Choice of Contact:	
Contam. Facility: MHSW Facility:			Co Admin: Phone No Admin:	
SIC Code: SIC Description:	913910 Other Local Munici	pal and Regional	Public Administration	
<u>Detail(s)</u>				
Waste Class: Waste Class Desc:	262 DETERGENTS/SC	APS		
Waste Class: Waste Class Desc:	146 OTHER SPECIFIE	D INORGANICS		
Waste Class: Waste Class Desc:	331 WASTE COMPRES	SSED GASES		
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/0	COATING RESIDU	JES	
Waste Class: Waste Class Desc:	252 WASTE OILS & LU	IBRICANTS		
Waste Class: Waste Class Desc:	242 HALOGENATED P	ESTICIDES		
Waste Class: Waste Class Desc:	122 ALKALINE WASTE	S - OTHER MET	ALS	
Waste Class: Waste Class Desc:	148 INORGANIC LABC	RATORY CHEMI	CALS	
Waste Class: Waste Class Desc:	263 ORGANIC LABOR	ATORY CHEMIC	ALS	
Waste Class: Waste Class Desc:	268 AMINES			
Waste Class: Waste Class Desc:	112 ACID WASTE - HE	AVY METALS		
50 6 of 7	ENE/236.5	180.8 / 1.00	City of Port Colborne 52 Westside Road Port Colborne ON	GEN
Generator No:	ON2594071		PO Box No:	
Status: Approval Years:	2013		Country: Choice of Contact:	

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Contam. Faci MHSW Facilit SIC Code: SIC Descripti	y:	913910			Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class	Desc:		122 ALKALINE WAST	ES - OTHER MET	ALS		
Waste Class: Waste Class	Desc:		262 DETERGENTS/S	OAPS			
Waste Class: Waste Class	Desc:		268 AMINES				
Waste Class: Waste Class	Desc:		252 WASTE OILS & L	UBRICANTS			
Waste Class: Waste Class	Desc:		146 OTHER SPECIFII	ED INORGANICS			
Waste Class: Waste Class			242 HALOGENATED	PESTICIDES			
Waste Class: Waste Class	Desc:		263 ORGANIC LABOI	RATORY CHEMIC	ALS		
Waste Class: Waste Class	Desc:		112 ACID WASTE - H	EAVY METALS			
Waste Class: Waste Class	Desc:		148 INORGANIC LAB	ORATORY CHEMI	CALS		
Waste Class: Waste Class	Desc:		145 PAINT/PIGMENT,	COATING RESIDU	JES		
Waste Class: Waste Class	Desc:		331 WASTE COMPRE	ESSED GASES			
<u>50</u>	7 of 7		ENE/236.5	180.8 / 1.00	City of Port Colborn 52 Westside Road Port Colborne ON L		GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	rs: lity: y:	ON25940 2014 No 913910	913910		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Italia Reeves 905-835-2901 Ext.319	
<u>Detail(s)</u>							
Waste Class: Waste Class	Desc:		331 WASTE COMPRE	ESSED GASES			
Waste Class: Waste Class			148 INORGANIC LAB	ORATORY CHEMI	CALS		
Waste Class: Waste Class			112 ACID WASTE - H	ΕΔ\/Υ ΜΕΤΔΙ S			

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Waste Class Waste Class		145 PAINT/PIGMENT/0	COATING RESID	JES		
Waste Class Waste Class		242 HALOGENATED P	ESTICIDES			
Waste Class Waste Class		268 AMINES				
Waste Class Waste Class		122 ALKALINE WASTE	S - OTHER MET	ALS		
Waste Class Waste Class		262 DETERGENTS/SC	APS			
Waste Class Waste Class		146 OTHER SPECIFIE	D INORGANICS			
Waste Class Waste Class		252 WASTE OILS & LU	IBRICANTS			
Waste Class Waste Class		263 ORGANIC LABOR	ATORY CHEMIC	ALS		
<u>51</u>	1 of 3	ENE/242.0	180.8 / 1.00	50 Westside Road Port Colborne ON L3.	K 5K6	EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Situ Lot/Building Additional In	ed: e Name: Size:	20281700029 C Standard Express Report 17-AUG-20 17-AUG-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.2648479 42.89366	
<u>51</u>	2 of 3	ENE/242.0	180.8 / 1.00	50 Westside Road Port Colborne ON L3.	K 5K6	EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20281700029 C Standard Express Report 17-AUG-20 17-AUG-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.2648479 42.89366	
<u>51</u>	3 of 3	ENE/242.0	180.8 / 1.00	50 Westside Road Port Colborne ON L3	K 5K6	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20281700029 C Standard Express Report 17-AUG-20 17-AUG-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.2648479 42.89366	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>52</u>	1 of 1	W	NW/245.8	179.8 / 0.00	lot 33 con 2 ON	WWIS
Well ID:		6601081			Data Entry Status:	
Construction	n Date:				Data Src:	1
Primary Wat	ter Use:	Domestic			Date Received:	6/3/1955
Sec. Water L		0			Selected Flag:	True
Final Well St	tatus:	Water Supply			Abandonment Rec:	
Water Type:					Contractor:	2526
Casing Mate					Form Version:	1
Audit No:					Owner:	
Tag:					Street Name:	
Construction	n Method:				County:	NIAGARA
Elevation (m	n):				Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation Re					Site Info:	, , , , , , , , , , , , , , , , , , ,
Depth to Bed	•				Lot:	033
Well Depth:					Concession:	02
Overburden/	/Bedrock:				Concession Name:	CON
Pump Rate:					Easting NAD83:	
Static Water					Northing NAD83:	
Flowing (Y/N	v):				Zone:	
Flow Rate:	,				UTM Reliability:	
Clear/Cloudy	v:					

PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601081.pdf$

Additional Detail(s) (Map)

Well Completed Date:	1955/03/30
Year Completed:	1955
Depth (m):	8.5344
Latitude:	42.8931058384806
Longitude:	-79.2796795464661
Path:	660\6601081.pdf

Bore Hole Information

Bore Hole ID:	10460815	Elevation:	180.273056
DP2BR:	0.00	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	h	East83:	640464.90
Code OB Desc:	Mixed in a Layer	North83:	4750380.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	30-Mar-1955 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date	v:		
Improvement Location	n Source:		
Improvement Location	n Method:		

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Source Revision Comment: Supplier Comment:

Formation ID:	932590546
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To		6.0			
Formation E		28.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	932590545			
Layer: Color:		1			
General Colo	~r·				
Mat1:	<i>.</i>	05			
Most Commo	on Material:	CLAY			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation E		6.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID [.]	966601081			
	struction Code:	1			
Method Con		Cable Tool			
Other Metho	d Construction:				
Pipe Informa	<u>ition</u>				
Pipe ID:		11009385			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930748520			
Layer:		2			
Material:		4			
Open Hole o		OPEN HOLE			
Depth From:		20			
Depth To: Casing Diam	otor:	28 6			
Casing Diam	eter UOM [.]	inch			
Casing Dept		ft			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930748519			
Layer:		1			
Material:		1			
Open Hole o		STEEL			
Depth From:					
Depth To:	- 4	6			
Casing Diam Casing Diam		6 inch			
Casing Diam Casing Dept		ft			
Casing Dept		it			

	Results	of	Well	Yield	Testing
--	----------------	----	------	-------	---------

Pump Test ID:	996601081
Pump Set At: Static Level:	8.0
Final Level After Pumping:	16.0
Recommended Pump Depth:	
Pumping Rate:	10.0
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:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948356
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27.0
Water Found Depth UOM:	ft

<u>53</u>	1 of 1	WNW/251.9	179.8 / 0.00	lot 33 con 2 ON	WWIS
Elevation (Elevation F Depth to B Well Depth	ater Use: Use: Status: terial: on Method: m): Reliability: edrock: : n/Bedrock: : pr Level: /N):	6601084 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 3/29/1961 True 4720 1 NIAGARA PORT COLBORNE CITY (HUMBERSTONE) 033 02 CON

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\beloads.pdf$

Additional Detail(s) (Map)

Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: 1961/03/17 1961 10.0584 42.8931019889286 -79.280022571062

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Path:			660\6601084.pdf				
Bore Hole Info	<u>rmation</u>						
Bore Hole ID:		104608	18		Elevation:	180.244155	
DP2BR:		6.00			Elevrc:		
Spatial Status:					Zone:	17	
Code OB:		r			East83:	640436.90	
Code OB Desc	:	Bedroc	k		North83:	4750379.00	
Open Hole:					Org CS:		
Cluster Kind:					UTMRC:	5	
Date Complete	ed:	17-Mar	-1961 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:					Location Method:	p5	
Elevrc Desc:	D-4						
Location Sour Improvement I		ourco					
Improvement l							
Source Revisio							
Supplier Com							
Overburden ar	nd Rodroc	ŀ					
Materials Inter		<u>n</u>					
Formation ID:			932590551				
Layer:			1				
Color:							
General Color:							
Mat1:			02				
Most Common	Material:		TOPSOIL				
Mat2:							
Mat2 Desc:							
Mat3: Mat3 Deces							
Mat3 Desc: Formation Top	Donth		0.0				
Formation End			6.0				
Formation End	Depth UC	DM:	ft				
Overburden ar Materials Inter		<u>k</u>					
Formation ID:			932590552				
Layer:			2				
Color:			2				
General Color:			GREY				
Mat1:			15				
Most Common	materiai:		LIMESTONE				
Mat2: Mat2 Desc:							
Matz Desc: Mat3:							
Mat3 Desc:							
Formation Top	Depth:		6.0				
Formation End			33.0				
Formation End		DM:	ft				
<u>Method of Con</u> Use	struction	<u>& Well</u>					
Method Consti			966601084				
Method Consti Method Consti			1				
			Cable Tool				
Method Consti							

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Pipe Informa		Distance (iii)	(111)		
Pipe ID:		11009388			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930748525			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From: Depth To:		8			
Casing Diam	neter:	5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930748526			
Layer:		2			
Material: Open Hole o	r Matarial	4 OPEN HOLE			
Depth From:		OFEN HOLE			
Depth To:		33			
Casing Diam		5			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	/ell Yield Testing				
Pump Test II		996601084			
Pump Set At Static Level:		16.0			
	After Pumping:	16.0			
	led Pump Depth:	16.0			
Pumping Rat	te:	10.0			
Flowing Rate		10.0			
Recommend Levels UOM:	led Pump Rate:	10.0 ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes		1			
Pumping Du Pumping Du		1 0			
Flowing:		No			
<u>Water Details</u>	<u>s</u>				
Water ID:		933948359			
Layer:		1			
Kind Code:		1			
Kind: Water Found	1 Dawith	FRESH			
WORKER LOUDA	n uonth'				

<u>54</u>	1 of 1	SW/257.0	177.8 / -2.00	GERALD DUERR 4 WOOD LANE,,PORT COLBORNE,ON,L3K 6B8,	PINC

Water Found Depth: Water Found Depth UOM:

29.0 ft

Мар Кеу	Number Records		Elev/Diff n) (m)	Site		DB
				CA ON		
Incident ID: Incident No: Incident Repo	orted Dt:	1952262 9/30/2016		Pipe Material: Fuel Category: Health Impact:	Natural Gas	
Type: Status Code:		FS-Pipeline Incident		Environment Impact: Property Damage:	Yes	
Tank Status: Task No: Spills Action Fuel Type:		Pipeline Damage Reason I 6365974	⊑st	Service Interrupt: Enforce Policy: Public Relation: Pipeline System:	Yes	
Fuel Occurrer Date of Occur Occurrence S	rrence:	2016/09/30		PSIG: Attribute Category: Regulator Location:	FS-Perform P-line Inc Invest	
Depth: Customer Acc		GERALD DUER	R	Method Details:	E-mail	
Incident Addr Operation Typ Pipeline Type Regulator Typ	ress: De: ::	4 WOOD LANE,,	PORT COLBORNE	,ON,L3K 6B8,CA		
Summary: Reported By: Affiliation:		,	PORT COLBORNE D - ENBRIDGE GAS	E - PIPELINE HIT 2" S		
<i>Occurrence D Damage Reas Notes:</i>		No notification m	ade to the one call	center		
<u>55</u>	1 of 1	SE/261.9	178.6 / -1.29	The Corporation of the Stanley Street Port C Port Colborne ON L3	•	ECA
Approval No: Approval Date		3961-6R9MRF 2006-07-11		MOE District: City:	Niagara	
Status: Record Type: Link Source: SWP Area Nat Approval Typ Project Type: Business Nat Address:	me: e: me:	Municipal Drinkir	Drinking Water Systen ng Water Systems of the City of Port C ort Colborne City		-79.2676 42.8847	
Full Address: Full PDF Link PDF Site Loca	2					
<u>56</u>	1 of 1	NNE/272.5	180.8 / 1.00	ON		wwis
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedi	r Use: se: atus: ial: Method: : iability:	6602323 Commerical 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	1 2/8/1968 True 3609 1 NIAGARA PORT COLBORNE CITY	

erisinfo.com | Environmental Risk Information Services

Order No: 21112300694

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	evel:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/660\6602323.pdf	
Additional Det	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1968/02/08 1968 12.192 42.8939001338452 -79.2708394701803 660\6602323.pdf				
Bore Hole Info	ormation					
	r Bedrock ed: 08-Feb ce Date: Location Source: Location Method: on Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	180.766387 17 641184.90 4750483.00 5 margin of error : 100 m - 300 m p5	
<u>Overburden an</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End	n Material: o Depth:	932594583 2 15 LIMESTONE 1.0 40.0				
Formation Enc Overburden al Materials Inter	d Depth UOM: nd Bedrock	ft				
<u>Materials Inter</u> Formation ID: Layer: Color: General Color: Mat1:		932594582 1 05				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo	n Material:	CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To		0.0			
Formation En		1.0			
Formation En	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	966602323			
	truction Code:	1			
Method Cons Other Method	truction: I Construction:	Cable Tool			
Pipe Informat	ion				
Pipe ID:		11010626			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930750711			
Layer:		1			
Material: Open Hole or	Matorial:	1 STEEL			
Depth From:	Malerial.	SILLL			
Depth To:		6			
Casing Diame		6			
Casing Diame	eter UOM:	inch			
Casing Depth	UOM:	ft			
Construction	Record - Casing				
Casing ID:		930750712			
Layer:		2			
Material: Open Hole or	Matorial:	4 OPEN HOLE			
Depth From:	material.	OF ENTIOLE			
Depth To:		40			
Casing Diame	eter:	5			
Casing Diame Casing Depth		inch ft			
Results of We	ell Yield Testing				
Pump Test ID		996602323			
Pump Set At:		6.0			
Static Level: Final I evel At	fter Pumping:	6.0 40.0			
	ed Pump Depth:	36.0			
Pumping Rate	e:	90.0			
Flowing Rate		05.0			
	ed Pump Rate:	85.0 ft			
Levels UOM: Rate UOM:		π GPM			
	fter Test Code:	2			
	fter Test:	CLOUDY			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Tes	st Method:	1			
Pumping Du	ration HR:	2			
Pumping Du	ration MIN:	0			
Flowing:		No			
<u>Water Details</u> Water ID:	2	933949628			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found	Depth:	26.0			
Water Found	Depth UOM:	ft			

Unplottable Summary

Total: 23 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 33 Con 1	Port Colborne ON	
CA	REGIONAL MUNICIPALITY OF NIAGARA	MAIN ST. SEWAGE PUMP STATION	PORT COLBORNE CITY ON	
CA	REGIONAL MUNICIPALITY OF NIAGARA	MAIN ST. SEWAGE PUMP STATION	PORT COLBORNE CITY ON	
CA	PORT COLBORNE CITY	FIRST AVE/SHEBA CRES/THIRD AVE	PORT COLBORNE CITY ON	
CA	The Corporation of the City of Port Colborne	Rosemount Ave Including Rosemount Ave, Sugarloaf St, Hampton Ave, Schofield Ave	Port Colborne ON	
CA	SOUTH NIAGARA GATEWAY FAMILY HOMES	TOWNHOUSE REG. RD. 3 MAIN ST.	PORT COLBORNE CITY ON	
CA	PORT COLBORNE CITY	CLARENCE STREET	PORT COLBORNE CITY ON	
CA	SOUTH NIAGARA GATEWAY FAMILY HOMES	TOWNHOUSE MAIN ST.	PORT COLBORNE CITY ON	
GEN	LAW CRUSHED STONE	DIV. OF HARD ROCK PAVING CO. LTD HWY#3 W. OF PRT CLBORNE/C/O P.O.BOX220	PORT COLBORNE ON	L3K 5V8
GEN	HARD ROCK PAVING CO. LTD.	LAW CRUSHED STONE HWY#3 W. OF PORT COLBORNEOX220	PORT COLBORNE ON	L3K 5V8
GEN	HARD ROCK PAVING COMPANY LTD.	LAW CRUSHED STONE HWY#3 WEST OF PORT COLBORNE	PORT COLBORNE ON	L3K 5V8
GEN	LAW CRUSHED STONE 19-170	DIV. OF HARD ROCK PAVING CO. LTD. HWY#3 W. OF PRT CLBORNE/C/O P.O.BOX220	PORT COLBORNE ON	L3K 5V8
LIMO	Lester Shoalts Limited Former Canada Cement at Cement Rd and CNR	Lot 33 Concession 1 Lot 33 Concession 1 Port Colborne	ON	
PRT	MINISTRY OF NATURAL RESOURCES ATTN GARY ADOMKO	25TH SIDE ROAD T BAY FOREST NURSERY	PAIPOONGE ON	
SCT	Law Crushed Stone - Div. of Hard Rock Paving Co. Ltd.	Hwy 3	Port Colborne ON	L3K 5V8

SPL	SERVICE STATION	MAIN ST. WEST WEST OF JACK KNIFE BRIDGE (N.O.S.)	PORT COLBORNE CITY ON
SPL	PUC	EAST SIDE OF CANAL, ABOUT 500' SOUTH OF CLARENCE ST BY COAL STORAGE AREA. TRANSFORMER	PORT COLBORNE CITY ON
SPL	Enbridge Gas Distribution Inc.	4 Woodlane	Port Colborne ON
SPL	The Corporation of the City of Port Colborne	Clarence Street Bridge	Port Colborne ON
WWIS		lot 33 con 1	ON
WWIS		lot 1 con 1	PORT COLBORNE ON
WWIS		lot 1	ON
WWIS		lot 1 con 1	ON

Unplottable Report

<u>Site:</u> Lot 33 Con 1 Por	t Colborne ON	Database. AAGR
ype:	Quarry	
Region/County:	Niagara	
ownship:	Port Colborne	
Concession:	1	
.ot:	33	
Size (ha):	30	
anduse:		
Comments:	owned by Niagara Peneinsula Conservation Authority, pond	
<u>Site:</u> REGIONAL MUNIC	CIPALITY OF NIAGARA	Database
MAIN ST. SEWAG	E PUMP STATION PORT COLBORNE CITY ON	CA
Certificate #:	8-2387-95-006	
Application Year:	95	
ssue Date:	12/22/95	
pproval Type:	Industrial air	
tatus:		
	Approved	
pplication Type:		
lient Name:		
lient Address:		
lient City:		
lient Postal Code:		
roject Description:	STANDBY GEN-SET FOR SEW. PUMP STATION	
Contaminants:	Nitrogen Oxides	
Contaminants: Emission Control:	Nitrogen Oxides	
mission Control:	Nitrogen Oxides CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON	Database. CA
imission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON	
inission Control: <u>ite:</u> REGIONAL MUNIC MAIN ST. SEWAG	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000	
mission Control: <u>ite:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95	
imission Control: <u>ite:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: asue Date:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95	
inission Control: <u>ite:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: pplication Year: ssue Date: pproval Type:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>ite:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: pplication Year: ssue Date: pproval Type: itatus:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: ssue Date: Approval Type: Status: Application Type:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
Emission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: ssue Date: Approval Type: Status: Application Type: Client Name:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: pplication Year: ssue Date: pproval Type: status: pplication Type: Client Name:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: pplication Year: ssue Date: pproval Type: status: pplication Type: Client Name: Silent Address:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Spplication Year: Sisue Date: Spproval Type: Status: pplication Type: Client Name: Client Address: Scient City:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Sisue Date: Approval Type: Clication Type: Client Name: Client Address: Client City: Client City: Client Postal Code:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: pplication Year: ssue Date: pproval Type: tatus: pplication Type: Client Name: Client Address: Client City: Client City: Client Postal Code: project Description:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled	
Emission Control: Site: REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled	
mission Control: <u>Site:</u> REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Sisue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client City: Client Postal Code: Project Description: Contaminants:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled	
Emission Control: Site: REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Ssue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION	CA
Emission Control: Site: REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Ssue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION	
Emission Control: Site: REGIONAL MUNIC MAIN ST. SEWAG Certificate #: Application Year: Ssue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION	CA
Emission Control: Site: REGIONAL MUNIC MAIN ST. SEWAGE Certificate #: Application Year: Ssue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: Site: PORT COLBORNE FIRST AVE/SHEB/ Certificate #:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION	CA
Imission Control: Imission Control: <t< td=""><td>CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION E CITY A CRES/THIRD AVE PORT COLBORNE CITY ON 7-0436-96- 96</td><td>CA</td></t<>	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION E CITY A CRES/THIRD AVE PORT COLBORNE CITY ON 7-0436-96- 96	CA
inission Control: ite: REGIONAL MUNIC MAIN ST. SEWAG Certificate #: opplication Year: ssue Date: opproval Type: itatus: opplication Type: itatus: opplication Type: itatus: opplication Type: itatus: opplication Type: itent Name: Client Address: Client Postal Code: roject Description: ontaminants: imission Control: ite: PORT COLBORNE FIRST AVE/SHEB/ Certificate #: opplication Year: ssue Date:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION STANDBY GENERATOR FOR SEW. PUMP STATION	CA
itie: REGIONAL MUNIC MAIN ST. SEWAG Pertificate #: pplication Year: sue Date: pproval Type: tatus: pplication Type: titus: pplication Type: lient Address: client City: client City: contaminants: mission Control: contaminants: mission Control: contaminants: firest AVE/SHEB/ firest AVE/SHEB/ certificate #: pplication Year: sue Date: pproval Type:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION STANDBY GENERATOR FOR SEW. PUMP STATION	CA
itie: REGIONAL MUNIC MAIN ST. SEWAG Pertificate #: pplication Year: sue Date: pproval Type: tatus: pplication Type: tient Name: lient Address: lient City: lient City: lient Code: roject Description: ontaminants: mission Control: <u>ite:</u> PORT COLBORNE FIRST AVE/SHEB/ Certificate #: pplication Year: sue Date:	CIPALITY OF NIAGARA E PUMP STATION PORT COLBORNE CITY ON 8-2387-95-000 95 10/31/95 Industrial air Application Cancelled STANDBY GENERATOR FOR SEW. PUMP STATION STANDBY GENERATOR FOR SEW. PUMP STATION	CA

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

<u>Site:</u> The Corporation of the City of Port Colborne

Rosemount Ave Including Rosemount Ave, Sugarloaf St, Hampton Ave, Schofield Ave Port Colborne ON



Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5790-7H4QQ6 2008 8/8/2008 Municipal and Private Sewage Works Approved

<u>Site:</u> SOUTH NIAGARA GATEWAY FAMILY HOMES TOWNHOUSE REG. RD. 3 MAIN ST. PORT COLBORNE CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-2179-88-88 11/18/1988 Municipal sewage Approved

<u>Site:</u> PORT COLBORNE CITY CLARENCE STREET PORT COLBORNE CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-0816-86-86 7/17/1986 Municipal water Approved Database:

Database:

<u>Site:</u> SOUTH NIAGARA GATEWAY FAMILY HOMES TOWNHOUSE MAIN ST. PORT COLBORNE CITY ON



Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-1845-88-88 11/18/1988 Municipal water Approved

Site:	LAW CRUSHED STONE	Database:
	DIV. OF HARD ROCK PAVING CO. LTD HWY#3 W. OF PRT CLBORNE/C/O P.O.BOX220 PORT COLBORNE ON L3K	GEN
	5V8	

PO Box No: Country:

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

Choice of Contact: Co Admin: Phone No Admin:

Generator No:	ON0094303
Status: Approval Years:	86,87,88,89
Contam. Facility:	
MHSW Facility: SIC Code:	4216
SIC Description:	ASPHALT PAVING

Detail(s)

Waste Class:213Waste Class Desc:PETROLEUM DISTILLATES

Site:	HARD ROCK PAVING CO. LTD.
	LAW CRUSHED STONE HWY#3 W. OF PORT COLBORNEOX220 PORT COLBORNE ON L3K 5V8

Generator No:	ON0094303
Status:	
Approval Years:	92,93,97
Contam. Facility:	
MHSW Facility:	
SIC Code:	4216
SIC Description:	ASPHALT PAVING

Detail(s)

Waste Class:213Waste Class Desc:PETROLEUM DISTILLATES

<u>Site:</u> HARD ROCK PAVING COMPANY LTD. LAW CRUSHED STONE HWY#3 WEST OF PORT COLBORNE PORT COLBORNE ON L3K 5V8

Generator No: Status:	ON0094303	
Approval Years:	98,99,00,01,02,03,04,05,06	
Contam. Facility: MHSW Facility:		
SIC Code:	4216	
SIC Description:	ASPHALT PAVING	

Detail(s)

158

Waste Class: Waste Class Desc: 251 OIL SKIMMINGS & SLUDGES PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:

er



Database:

GEN

Waste Class:	243
Waste Class Desc:	PCB'S
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

Site: LAW CRUSHED STONE 19-170

DIV. OF HARD ROCK PAVING CO. LTD. HWY#3 W. OF PRT CLBORNE/C/O P.O.BOX220 PORT COLBORNE ON L3K GEN 5V8

Generator No: Status: Approval Years: Contam. Facility:	ON0094303 94,95,96	PO Box No: Country: Choice of Contact: Co Admin:
MHSW Facility: SIC Code: SIC Description:	4216 ASPHALT PAVING	Phone No Admin:
<u>Detail(s)</u>		

<u>Site:</u> Lester Shoalts Limited Former Canada Cement at Cement Rd and CNR Lot 33 Concession 1 Lot 33 Concession 1 Port Colborne ON

ECA/Instrument No: Oper Status 2016: C of A Issue Date: C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Footprint: Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Air Emis Monitor: Approved Waste Type:	X8042 Historic	Natural Attenuation: Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfll Gas: Lndfll Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Aprv Cap Unit: Financial Assurance: Last Report Year: MOE Region: MOE District: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:
Client Site Name:	Lester Shoalts Limited Former Canada Cement at Cement Rd and CNR	
ERC Methodology: Site Name:		-
Site Location Details:	Lot 33 Concession 1 Lot 33 Concession 1 Port Colborne	
• • •		

Service Area: Page URL:

159

<u>Site:</u> MINISTRY OF NATURAL RESOURCES ATTN GARY ADOMKO 25TH SIDE ROAD T BAY FOREST NURSERY PAIPOONGE ON



Database:

Database:

20099 private 35000.00 0076363001

Site: Law Crushed Stone - Div. of Hard Rock Paving Co. Ltd. Hwy 3 Port Colborne ON L3K 5V8

1925

35

Established:	
Plant Size (ft ²):	
Employment:	

--Details--Description:

Asphalt Paving Mixture and Block Manufacturing 324121

Description: SIC/NAICS Code:

SIC/NAICS Code:

All Other Non-Metallic Mineral Product Manufacturing 327990

SERVICE STATION Site: MAIN ST. WEST WEST OF JACK KNIFE BRIDGE (N.O.S.) PORT COLBORNE CITY ON

Database: SPL

Database:

SCT

Ref No: Site No: Incident Dt: Year: Incident Cause:	103502 8/2/1994 CONTAINER OVERFLOW	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:	
Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:		Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:	
Environment Impact: Nature of Impact: Receiving Medium: Receiving Env:	POSSIBLE Water course or lake LAND / WATER	Site Municipality: Site Lot: Site Conc: Northing:	18102
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason:	8/2/1994 ERROR	Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	WORKS, FIRE DEPT,
Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	PT. COLBORNE GAS BAR: 70LGAS		TO LOT & STORM SEWER

Site:

PUC EAST SIDE OF CANAL, ABOUT 500' SOUTH OF CLARENCE ST BY COAL STORAGE AREA. TRANSFORMER PORT COLBORNE CITY ON

Ref No: Site No:	119665	Discharger Report: Material Group:
Incident Dt: Year:	10/15/1995	Health/Env Conseq: Client Type:
Incident Cause:	COOLING SYSTEM LEAK	Sector Type:
Incident Event: Contaminant Code:		Agency Involved: Nearest Watercourse:
Contaminant Name:		Site Address:
Contaminant Limit 1:		Site District Office:
Contam Limit Freq 1:		Site Postal Code:

Database:

SPL

Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env:	CONFIRMED Soil contamination LAND	Site Region: Site Municipality: Site Lot: Site Conc: Northing:	18102
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	10/15/1995	Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	FD
Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	STORM/FLOOD/WIND PORT COLBORNE HYDRO- UP TO 45	Source Type:	RAGE AREA.

<u>Site:</u> Enbridge Gas Distribution Inc. 4 Woodlane Port Colborne ON

Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code:	1755-AE9P4J NA 9/29/2016 Leak/Break 35	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	Miscellaneous Communal
Contaminant Limit 1: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:	NATURAL GAS (METHANE)	Site Address: Site District Office: Site Postal Code: Site Region:	4 Woodlane
Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt:	Air 9/29/2016	Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	Port Colborne
Dt Document Closed:	10/3/2016	SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	Operator/Human Error residential <unofficial> TSSA: 2 inch plastic, safe 0 n/a</unofficial>	Source Type:	

<u>Site:</u> The Corporation of the City of Port Colborne Clarence Street Bridge Port Colborne ON

6820-9ABD8M

Ref No:
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:

2013/08/05 Leak/Break 15 HYDRAULIC OIL Not Anticipated Soil Contamination Planned Field Response 2013/08/06

erisinfo.com | Environmental Risk Information Services

Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting:

Database: SPL

Database:

SPL

Site Municipality: Port Colborne Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:

Motor Vehicle

Clarence Street Bridge

MOE Reported Dt: Dt Document Closed: Incident Reason:

2013/08/06

25 L

Material Failure - Poor Design/Substandard Material

Clarence Street Bridge<UNOFFICIAL>

Port Colborne: 25L hydraulic oil to roadway, clng

Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

Site

<u>Site:</u> lot 33 con 1	ON		WWIS
Well ID:	6604494	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/25/2000
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4795
Casing Material:		Form Version:	1
Audit No:	219365	Owner:	
Tag:		Street Name:	
Construction Method	1:	County:	NIAGARA
Elevation (m):		Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	033
Well Depth:		Concession:	01
Overburden/Bedrock	C	Concession Name:	LEF
Pump Rate:		Easting NAD83:	

Bore Hole Information

Static Water Level:

Flowing (Y/N):

Clear/Cloudy:

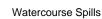
Flow Rate:

Bore Hole ID:	10464091	Elevation:	
DP2BR:	2.00	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	17-Jul-2000 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na

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

Overburden and Bedrock Materials Interval

Formation ID:	932602871
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0



Database: S

Site Map Datum:

Northing NAD83:

UTM Reliability:

Zone:

Source Type:

SAC Action Class:

Formation End Depth: Formation End Depth UOM:	3.0 ft
<u>Overburden and Bedrock</u> Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	932602872 3 2 GREY 15 LIMESTONE 74 LAYERED
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	3.0 30.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932602870 1 8 BLACK 02 TOPSOIL 12 STONES 79 PACKED 0.0 2.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	966604494 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	11012661 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth From:	930753842 2 4 OPEN HOLE
Depth To: Casing Diameter:	5

Construction Record - Casing

Casing ID:	930753841
Layer:	1
Material:	1
Open Hole or Material: Depth From:	STEEL
Depth To: Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996604494
Pump Set At:	
Static Level:	0.0
Final Level After Pumping:	5.0
Recommended Pump Depth:	25.0
Pumping Rate:	21.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934612514
Test Type:	
Test Duration:	30
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934866702
Test Type:	
Test Duration:	45
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: Test Type:	935122702
Test Duration:	60
Test Level: Test Level UOM:	0.0 ft

Draw Down & Recovery

Pump Test Detail ID: Test Type:	934345159
Test Type: Test Duration:	15
Test Level:	0.0
Test Level UOM:	ft

Water Details

<u>Site:</u>

Well ID:

Construction Date:

Primary Water Use:

Sec. Water Use:

Water Type:

Final Well Status:

Casing Material:

lot 1 con 1 PORT COLBORNE ON

7045653 Domestic Water Supply

> Z45777 A041246

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:

Bore Hole Information

Bore Hole ID: 11767981 DP2BR: 4.00 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 01-May-2007 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	933106281
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.2100000381469727
Formation End Depth:	6.699999809265137
Formation End Depth UOM:	m

Data Src:	
Date Received:	6/25/2007
Selected Flag:	True
Abandonment Rec:	
Contractor:	4795
Form Version:	3
Owner:	
Street Name:	
County:	NIAGARA
Municipality:	PORT COLBORNE CITY
Site Info:	
Lot:	001
Concession:	01
Concession Name:	
Easting NAD83:	
Northing NAD83:	
Zone:	
UTM Reliability:	

Data Entry Status:

Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:

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Database: WWIS

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	933106280
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.2100000381469727
Formation End Depth UOM:	m
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	PACKED 0.0 1.2100000381469727

Method of Construction & Well Use

Method Construction ID:	967045653
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11775671
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930901725
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	2.9200007629395
Casing Diameter:	15.2399997711182
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	11779531 6.0 0.6000000238418579 2.430000066757202 2.0 60.0
Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	m LPM 1 CLEAR 1 4

Draw Down & Recovery

Pump Test Detail ID:	11837773
Test Type:	Draw Down
Test Duration:	15
Test Level:	0.600000238418579
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11837940
Test Type:	Draw Down
Test Duration:	50
Test Level:	0.600000238418579
Test Level UOM:	m

Draw Down & Recovery

11837941
Draw Down
60
0.600000238418579
m

Draw Down & Recovery

Pump Test Detail ID:	11837939
Test Type:	Draw Down
Test Duration:	30
Test Level:	0.600000238418579
Test Level UOM:	m

Water Details

Water ID: Layer: Kind Code:	934087444 1
Kind:	
Water Found Depth:	3.0
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11854807
Diameter:	20.0
Depth From:	0.0
Depth To:	2.9200000762939453
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>Site:</u>

lot 1 ON

Well ID: Construction Date:	6604379	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Date Received:	11/18/1999
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4795
Casing Material:		Form Version:	1
Audit No:	211386	Owner:	
Tag:		Street Name:	
Construction Method:		County:	NIAGARA
Elevation (m):		Municipality:	PORT COLBORNE CITY (HUMBERSTONE)

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

Bore Hole Information

Bore Hole ID: 10463976 DP2BR: 57.00 Spatial Status: Code OB: Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 19-Oct-1999 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932602448
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	29
Mat2 Desc:	FINE GRAVEL
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	46.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:_	932602447 1 6 BROWN 28 SAND 79 PACKED
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 46.0 ft

Overburden and Bedrock Materials Interval

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Site Info: Lot: 001 Concession: Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Elevation:

Elevrc:

East83:

North83: Org CS:

UTMRC:

UTMRC Desc:

Zone:

17 9 unknown UTM Location Method: na

	000000440
Formation ID: Laver:	932602449 3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material: Mat2:	LIMESTONE 79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	57.0
Formation End Depth: Formation End Depth UOM:	89.0 ft
Formation End Depth COM:	п
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	966604379
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
Pipe Information	
Rine ID:	11010546
Pipe ID: Casing No:	11012546 1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID: Laver:	930753702 2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	89
Casing Diameter: Casing Diameter UOM:	6 inch
Casing Depth UOM:	ft
Construction Record Costan	
Construction Record - Casing	
Casing ID:	930753701
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	F7

open noie or material.	OILL
Depth From:	
Depth To:	57
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996604379
Pump Set At:	
Static Level:	54.0
Final Level After Pumping:	56.0
Recommended Pump Depth:	79.0
Pumping Rate:	14.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934866675
Test Type:	
Test Duration:	45
Test Level:	54.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934612487
Test Type:	
Test Duration:	30
Test Level:	54.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934345132
Test Type:	
Test Duration:	15
Test Level:	54.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935122675
Test Type:	
Test Duration:	60
Test Level:	54.0
Test Level UOM:	ft

Water Details

Water ID:	933951760
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	86.0
Water Found Depth UOM:	ft

<u>Site:</u> lot 1 con 1 O	N		Database: WWIS
Well ID:	6603759	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/8/1987
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4795
Casing Material:		Form Version:	1
Audit No:	07805	Owner:	
Tag:		Street Name:	
Construction Method:		County:	NIAGARA
Elevation (m):		Municipality:	PORT COLBORNE CITY (HUMBERSTONE)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	001

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

Bore Hole Information

10463358 Bore Hole ID: DP2BR: 21.00 Spatial Status: Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: 11-Jun-1987 00:00:00 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Elevation:Elevrc:Zone:17East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

01

CON

Overburden and Bedrock Materials Interval

Formation ID:	932599571
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	77
Mat2 Desc:	1 OOSE
Mat2 Desc. Mat3: Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	932599573
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	6.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

inaleriais iritervar

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Formation ID: Layer:

932599572

2

Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	6 BROWN 05 CLAY 79 PACKED
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer:	932599574 4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	29
Mat2 Desc:	FINE GRAVEL
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	17.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932599575 5 2 GREY 15 LIMESTONE 74 LAYERED
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	21.0 37.0 ft

Method of Construction & Well Use

Method Construction ID:	966603759
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11011928
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930752798
Layer:	2

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Material:	4
Open Hole or Material:	OPEN HOLE
Depth From: Depth To: Casing Diameter:	37 6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930752797 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	21
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996603759
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	6.0
Recommended Pump Depth:	27.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935121547
Test Type:	Recovery
Test Duration:	60
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934611357
Test Type:	Recovery
Test Duration:	30
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934344000
Test Type:	Recovery
Test Duration:	15
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934865547
Test Type:	Recovery
Test Duration:	45
Test Level:	17.0
Test Level UOM:	ft

Water Details

Water ID:	933951072
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37.0
Water Found Depth UOM:	ft

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:

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:

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

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

Abandoned Mine Information System:

Anderson's Waste Disposal Sites:

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:

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:

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-Sep 30, 2021

Borehole: 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

Provincial

Provincial

Private

AAGR

AGR

AMIS

ANDR

AST

AUWR

Provincial

Provincial

Private

Provincial

176

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Jul 2021

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.

Certificates of Property Use:

Provincial

Government Publication Date: 1994 - Sep 30, 2021

Chemical Register:

Certificates of Approval:

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks:

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2019

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors:

Government Publication Date: 1999-Jan 31, 2020

(i.e. fractionation, solvent extraction, crystallization, etc.).

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-Sep 30, 2021

Compressed Natural Gas Stations:

Please refer to those individual databases for any information after Oct.31, 2011.

tetrachloroethylene to the environment from dry cleaning facilities.

diesel tanks. Records are not verified for accuracy or completeness.

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

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.*

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

Inventory of Coal Gasification Plants and Coal Tar Sites:

Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Aug 2021

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

distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes

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).

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

listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or

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

Private

Private

Private

Provincial

Provincial

Federal

Provincial

CHEM

CA

CDRY

CFOT

CHM

CNG

COAL

CONV

CPU

Provincial

erisinfo.com | Environmental Risk Information Services

Drill Hole Database:

Delisted Fuel Tanks:

Environmental Activity and Sector Registry:

Government Publication Date: May 31, 2021

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

regulatory agency under Access to Public Information.

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- Sep 30, 2021

Environmental Compliance Approval:

Environmental Registry:

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- Sep 30, 2021

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

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

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- Sep 30, 2021

Environmental Effects Monitoring:

Environmental Issues Inventory System:

ERIS Historical Searches:

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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 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-Jun 30, 2021

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*

Provincial

Provincial 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

Provincial On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Provincial The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect

Provincial

Federal The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of

Private

Federal

FIIS

DRI

DTNK

EASR

EBR

FCA

EEM

EHS

erisinfo.com | Environmental Risk Information Services

Federal Identification Registry for Storage Tank Systems (FIRSTS):

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

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, 2020

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: May 31, 2020

Federal Convictions:

Emergency Management Historical Event:

Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

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*

Federal Contaminated Sites on Federal Land: 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-Aug 2021

Fisheries & Oceans Fuel Tanks:

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

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.

Fuel Storage Tank: 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: May 31, 2021

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Government Publication Date: May 31, 2018

Provincial

Provincial

Provincial

FMHF

EPAR

EXP

FOFT

FRST

Federal

Federal

Federal

Provincial

Order No: 21112300694

Fuel Storage Tank - Historic:

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:

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-Aug 31, 2021

Greenhouse Gas Emissions from Large Facilities:

dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2019

Provincial **TSSA Historic Incidents:** 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: 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*

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: May 31, 2021

Fuel Oil Spills and Leaks:

Landfill Inventory Management Ontario:

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:

179

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*

Private

HINC

IAFT

INC

LIMO

Provincial



Provincial

Federal

Federal

Provincial

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

GHG

GEN

Mineral Occurrences:

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-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

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: 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, 2019

National Defense & Canadian Forces Fuel Tanks:

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*

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

National Defense & Canadian Forces Spills:

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

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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Government Publication Date: 2008-Jun 30, 2021

National Defence & Canadian Forces Waste Disposal Sites:

National Energy Board Wells:

180

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.

(NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal

Government Publication Date: 1920-Feb 2003*

Provincial

Federal

Federal

Federal

Federal

NATE In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

MNR

Provincial

Federal

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board

Federal

NDFT

NDSP

NDWD

NFBI

NEBP

National Environmental Emergencies System (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: 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:

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

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.

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells:

Oil and Gas Wells:

geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: 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:

181

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-Sep 30, 2021

Canadian Pulp and Paper: 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:

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

OGWF

Provincial

Provincial 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

Private

Federal

NFFS

Federal

Private

Provincial

Federal

Federal

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

ORD

PAP

PCFT

NPRI

182

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: May 31, 2021

Private and Retail Fuel Storage Tanks: 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*

take water. Government Publication Date: 1994 - Sep 30, 2021

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: 1986-1990, 1992-2018

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-Sep 2021

Retail Fuel Storage Tanks:

or propane storage tanks. Government Publication Date: 1999-Sep 30, 2021

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.

Ontario Spills: 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-Sep 2020

Pesticide Register:

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- Sep 30, 2021

Pipeline Incidents:

Permit to Take Water: 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

Ontario Regulation 347 Waste Receivers Summary:

Record of Site Condition:

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

Scott's Manufacturing Directory:

Government Publication Date: 1992-Mar 2011*

Provincial

Provincial

Provincial

Provincial

Provincial

Private

Private

Provincial

PES

PINC

Provincial

RSC

RST

SCT

SPL

PTTW

Order No: 21112300694

erisinfo.com | Environmental Risk Information Services

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*

Provincial Water Well Information System: **WWIS**

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such

Government Publication Date: Oct 2011- Sep 30, 2021 Provincial Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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.

Variances for Abandonment of Underground Storage Tanks:

Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory:

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.

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,

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, 2021

Wastewater Discharger Registration Database:

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, 2018

Anderson's Storage Tanks: 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

Federal TCFT

Transport Canada Fuel Storage Tanks: 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

Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

for research purposes only. Government Publication Date: 1915-1953*

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

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

within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected

Government Publication Date: 1970 - Dec 2020

Provincial

Provincial

Provincial

SRDS

Private

VAR

WDS

WDSH

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.

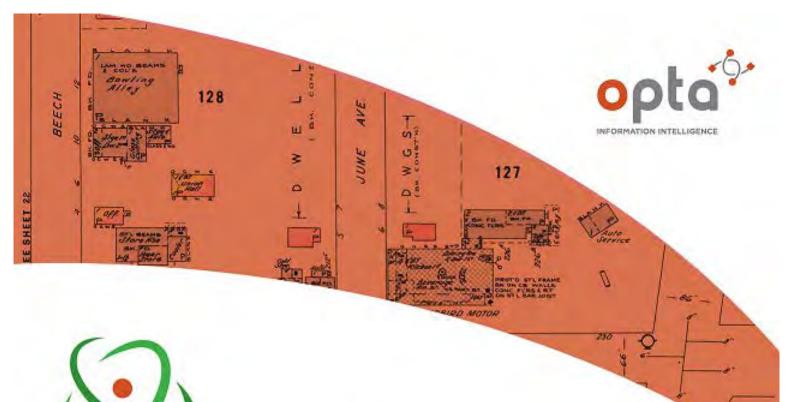
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.



enviroscan



An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

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

Report Completed By:

Stephanie

Site Address:

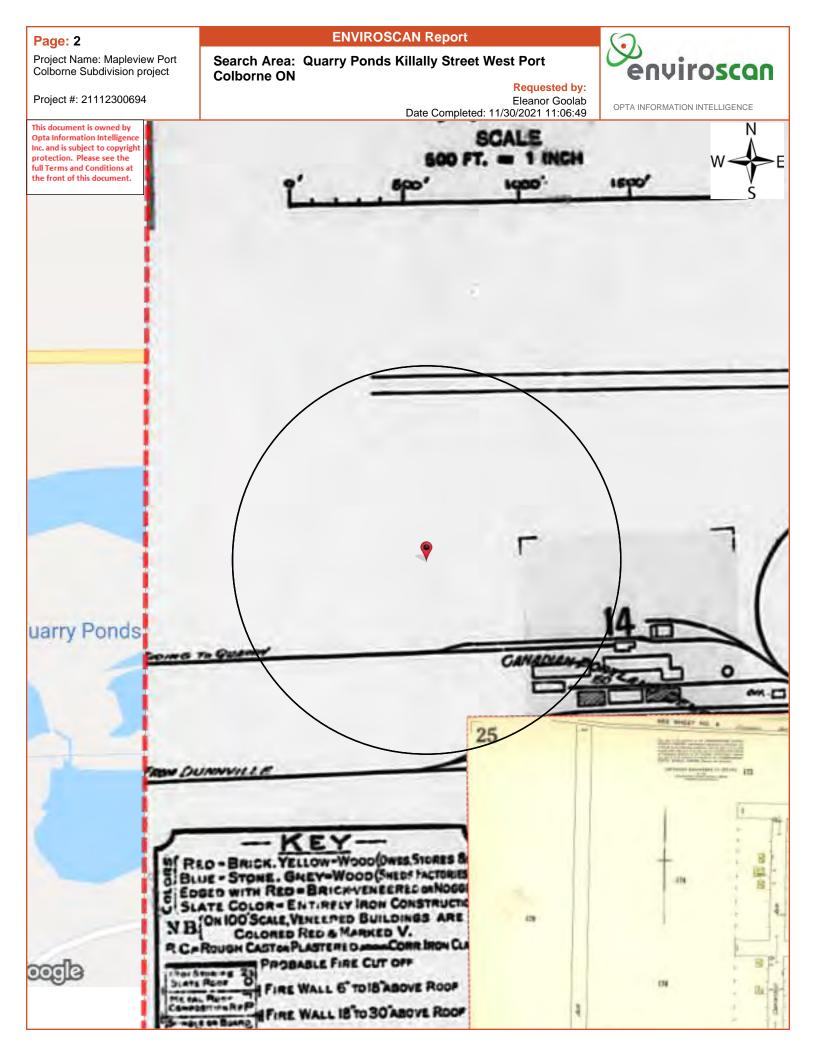
Quarry Ponds Killally Street West Port Colborne ON Project No:

21112300694 Opta Order ID:

Eleanor Goolab Ecolog Eris

Date Completed: 11/30/2021 11:06:49 AM

100569



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions **Requested by:**



OPTA INFORMATION INTELLIGENCE

Project #: 21112300694

Eleanor Goolab Date Completed: 11/30/2021 11:06:49

ТΜ **Opta Historical Environmental Services Enviroscan Terms and Conditions**

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

An SCM Company

www.optaintel.ca

F: 905.882.6300

Page: 4	
Due to the sec	

ENVIROSCAN Report **Report Index**

Project Name: Mapleview Port Colborne Subdivision project

enviroscan

Project #: 21112300694

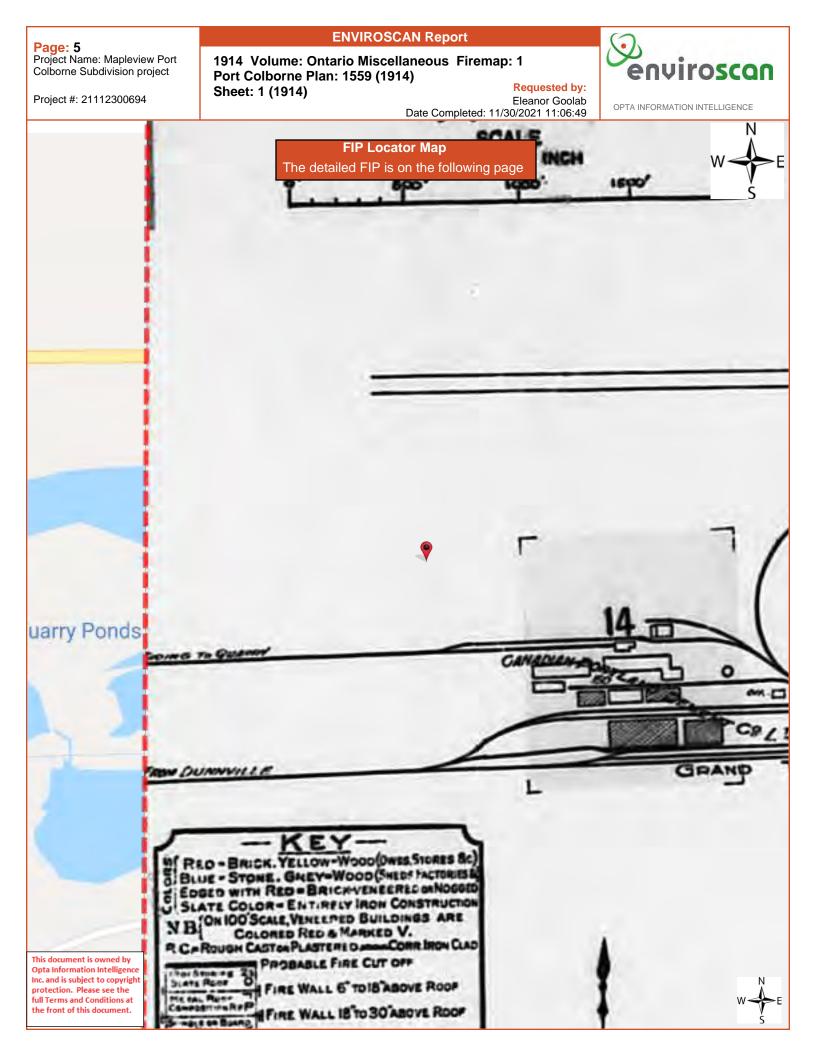
Requested by: Eleanor Goolab Date Completed: 11/30/2021 11:06:49

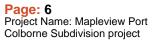
OPTA INFORMATION INTELLIGENCE

Report Title Page

- (1914) Volume: Ontario Miscellaneous Firemap: 1 (1953) Volume: Port Colborne Firemap: 25 6
- 8

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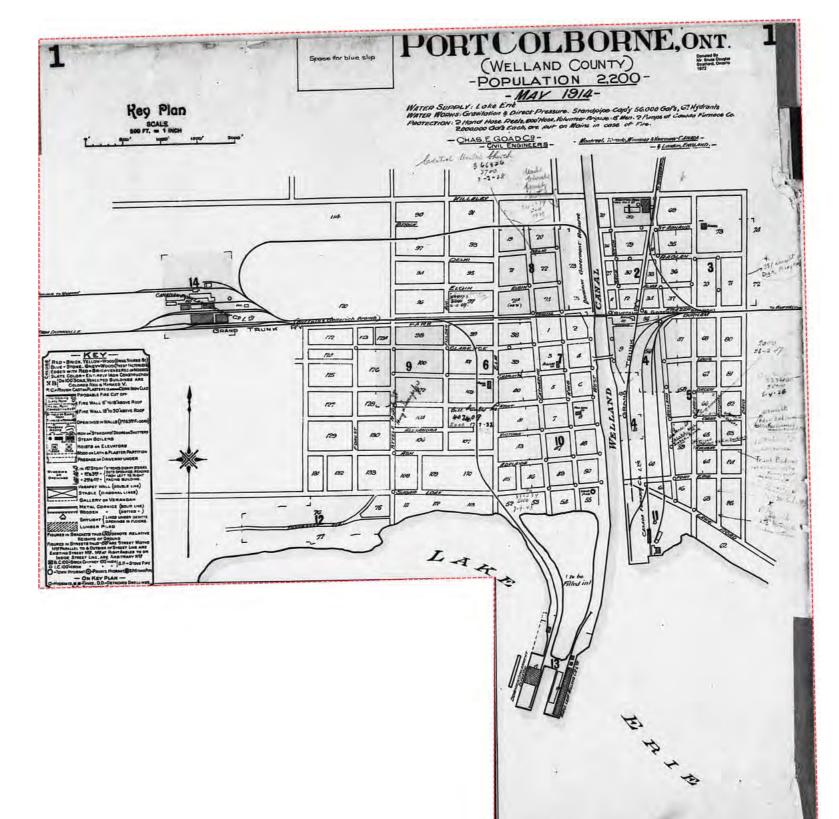
ENVIROSCAN Report

Project #: 21112300694

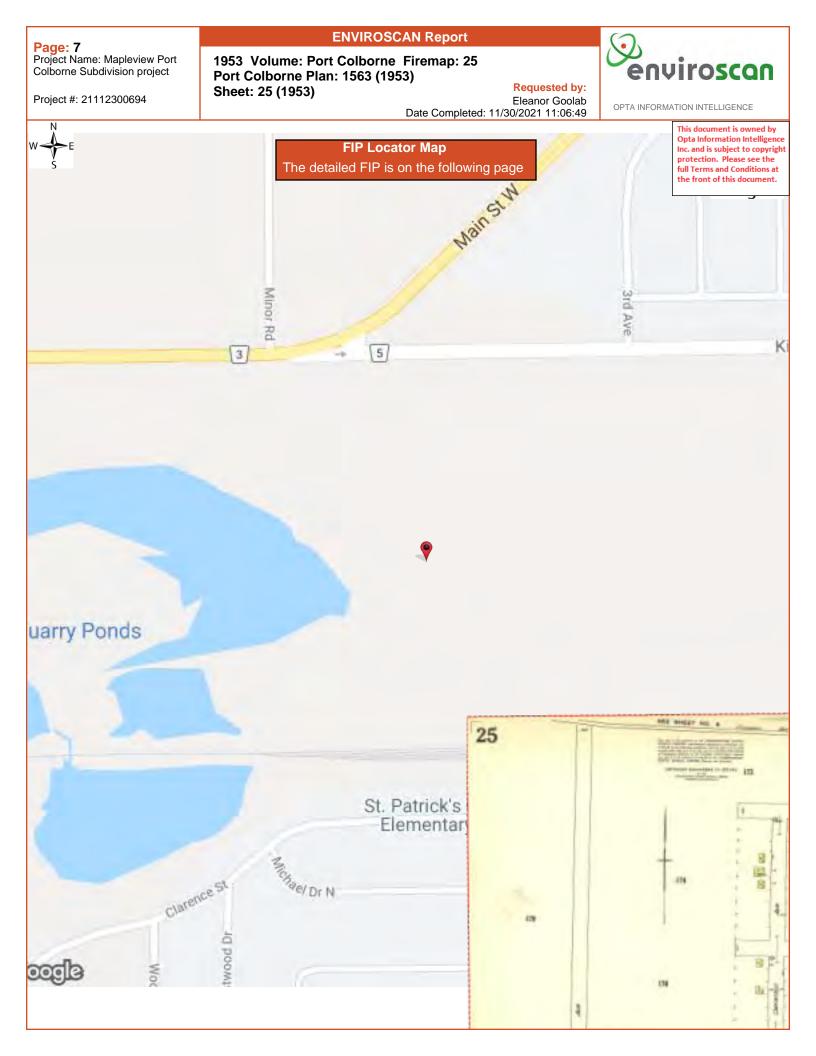
1914 Volume: Ontario Miscellaneous Firemap: 1 Port Colborne Plan: 1559 (1914) Sheet: 1 (1914)

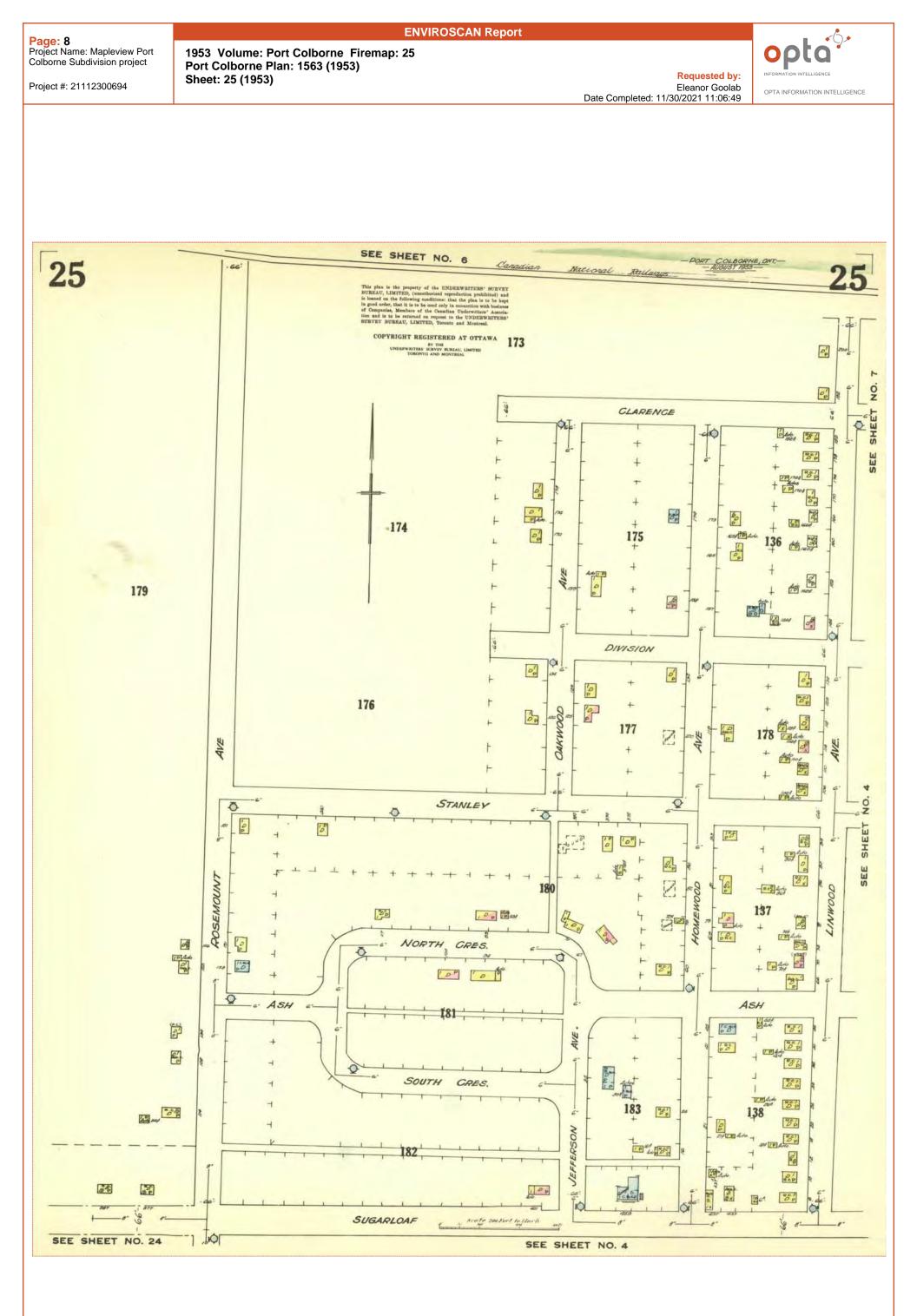
Requested by: Eleanor Goolab Date Completed: 11/30/2021 11:06:49

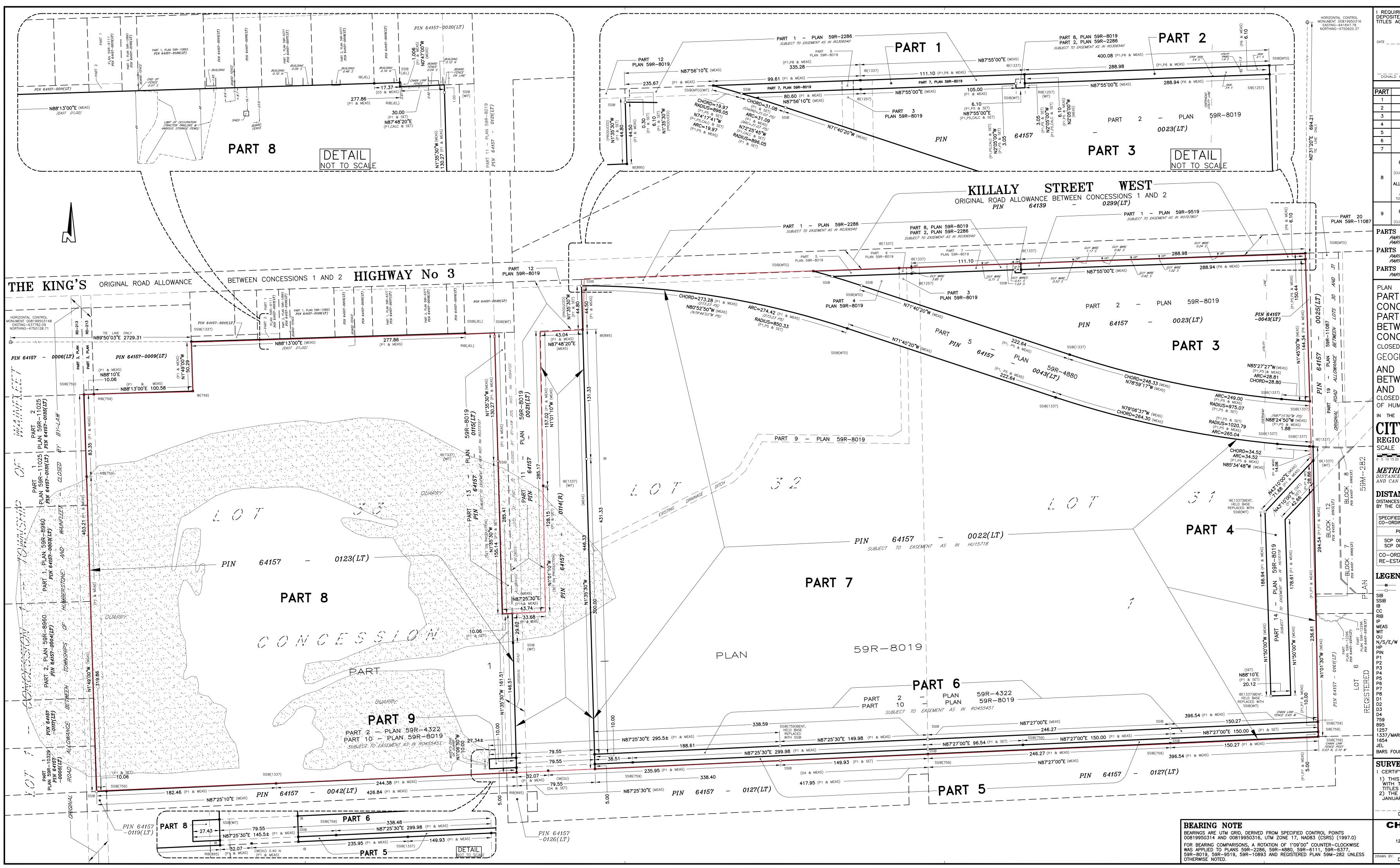




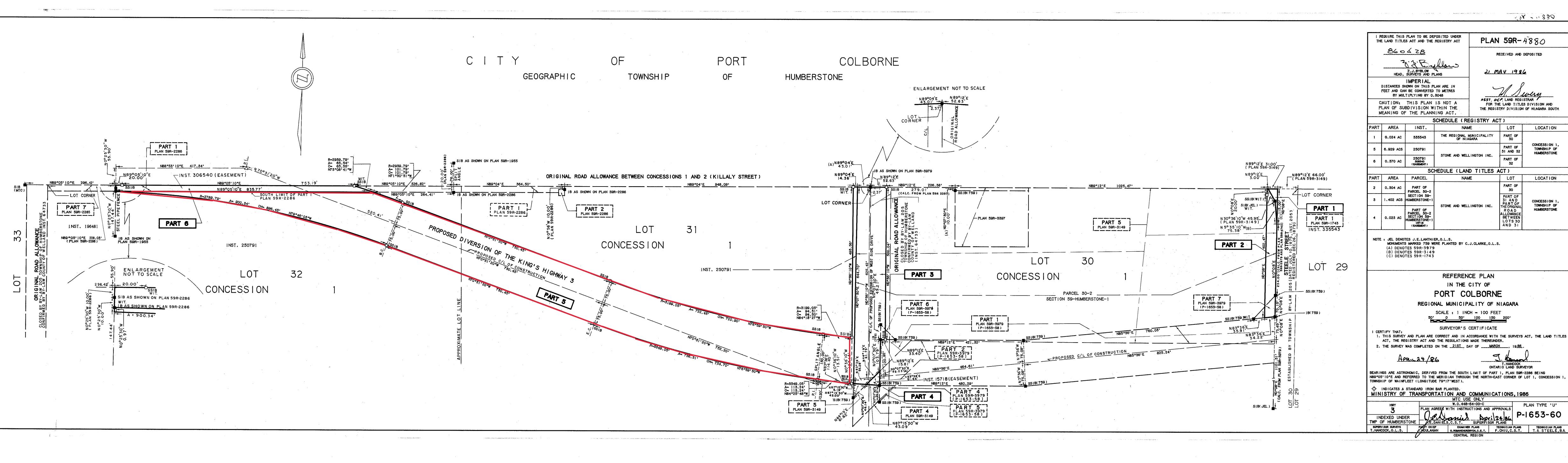








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PART OF LOTS 31 AND 32 PART OF LOT 31					
PART OF LOTS 31 AND 32		CONCE	SSION 1	64157–0022(LT	
PART OF LOT 33, PART OF THE ROAD ALLOWANC BETWEEN LOTS 32 AND 33 CLOSED BY BY-LAW No 205, INST. No RO64					
AND PART OF THE ROAD LLOWANCE BETWEEN TOWNSHIPS WAINFLEET AND HUMBERSTONE	OF			64157–0123(LT	
CLOSED BY BY-LAW 546(1915) FOR TH TOWNSHIP OF HUMBERSTONE (UNREGISTER PART OF LOT 33 AND PART OF THE ROAD ALLOWANC	ED)	CONCE	SSION 1	-	
BETWEEN LOTS 32 AND 33 CLOSED BY BY-LAW No 205, INST. No RO64 1, 2 AND 3: ALL OF	PIN	64157-	-0023(
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8 AND 9: ALL OF PIN RT 9 SUBJECT TO EASEMENT AS	041 S ///	ა – 01: <i>R045545</i>	23(LI) 7		
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" MEASURED " WITNESS " ORIGIN UNKNOWN	_	_			
W " NORTH/SOUTH/EA " HYDRO POLE " PROPERTY IDENTIF	ICATI	ON NUMB	ER		
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" J. E. LANTHIER, O.L.S. UND BEAR THE NUMBER 1654 UNLESS OTHERWISE NOTED.					
EYOR'S CERTIFICATE					
S SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND S ACT AND THE REGULATIONS MADE UNDER THEM; E SURVEY WAS COMPLETED ON THE 17th DAY OF ARY, 2011.					
		CHAMBE	RS, B.	 Sc., 0.L.S.	
				IATES	
SURVEY	ıN	(905) 7 FAX	735—784 ⁻ X (905)	1 / 735–7844 735–7333	
L3C 3T2 D. H. T. DISK: CIVIL 2010	DWG:		9casl-su	FILE No: 06-84-1	





Report title



This report was prepared by:

ANGELA SHI Broker Cell: 6479865096

angela.yqshi@gmail.com www.angelashi.ca

Homelife New World Realty Inc.

201 Consumers Rd, Unit 205 Toronto, Ontario, Canada, M2J 4G8 Office: 4164901177 Fax: 4164901928

Property Details

PORT COLBORNE

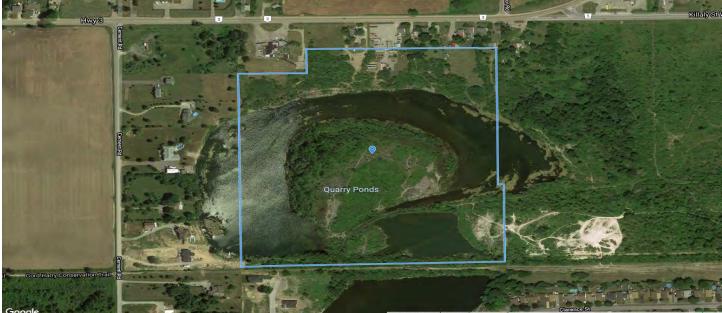
PIN 641570123

GeoWarehouse Address:

Not Available PORT COLBORNE

PIN:	641570123
Land Registry Office:	NIAGARA SOUTH (59)
Land Registry Status:	Active
Registration Type:	Certified (Land Titles)
Ownership Type:	Freehold







Ownership

Owner Name:

COLBORNE ESTATE COMPANY LTD.

Legal Description

PT LT 33 CON 1 HUMBERSTONE; PT RDAL BTN TWP HUMBERSTONE & WAINFLEET HUMBERSTONE (CLOSED BY BYLAW WF9687A); PT RDAL BTN LTS 32 & 33 CON 1 HUMBERSTONE (CLOSED BY RO64733 & AA68900) PT 1, 59R8019 LYING W OF THE RDAL BTN LTS 32 & 33, CON 1 HUMBERSTONE EXCEPT BB51278; S/T RO455451; PORT COLBORNE

Lot Size

Area:	1993786.43 sq.ft	
Perimeter:	5777.56 ft.	
Measurements:	331.96ft. x 165.03ft. x 363.99ft. x 1326.4ft. x 1404.33ft. x 531.27ft. x 33.09ft. x 938.96ft. x 98.7ft. x 3.31ft. x 582.33ft.	
	Lot Measurement Accuracy : LOW These lot boundaries may have been adjusted to fit within the overall parcel fabric and should only be considered to be estimates.	





Assessment Information

ARN

271103003400200

nd
no

Sales History

Sale Date	Sale Amount	Туре	Party To	Notes
Dec 11, 2015	\$1,800,000	Transfer	COLBORNE ESTATE COMPANY LTD.;	See Notes 1
Nov 03, 2010	\$1,550,000	Transfer	2260304 ONTARIO INC.;	
Aug 31, 1993	\$743,562	Transfer	737089 ONTARIO INC.;	

Notes :

1. The following Pins were transferred together with the subject Property

641570275, 641570276, 641570277



Terms and Conditions

Reports Not the Official Record. Reports, other than the Parcel Register, obtained through Geowarehouse are not the official government record and will not necessarily reflect the current status of interests in land.

Currency of Information. Data contained in the Geowarehouse reports are not maintained real-time. Data contained in reports, other than the Parcel Register, may be out of date ten business days or more from data contained in POLARIS.

Coverage. Data, information and other products and services accessed through the Land Registry Information Services are limited to land registry offices in the areas identified on the coverage map.

Completeness of the Sales History Report. Some Sales History Reports may be incomplete due to the amount of data collected during POLARIS title automation. Subject properties may also show nominal consideration or sales price (e.g. \$2) in cases such as transfers between spouses or in tax exempt transfers.

Demographic Information. Demographic Information is obtained from Environics Analytics. Environics Analytics acquires and distributes Statistics Canada files in accordance with the Government of Canada's Open Data Policy. No information on any individual or household was made a vailable to Environics Analytics by Statistics Canada. PRIZM and selected PRIZMC2 nicknames are registered trademarks of The Nielsen Company (U.S.) and are used with permission.

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Parcel Mapping shown on the site was compiled using plans and documents recorded in the Land Registry System and has been prepared for property indexing purposes only. It is not a Plan of Survey. For actual dimensions of property boundaries, see recorded plans and documents.

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APPENDIX IV – LOCAL MONITORING WELL RECORDS

	18				
Form No. 2 1M-Jan. 1947 (A3601) UTMZE			66	Nº	905
Elev. $\mathbf{P}_{R} \mathbf{P} 5 9 9$	ONTARIO		RECEI	VED	X
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_	ent of Mines, Provin		GEOLOGICAL	BRANCH	
Wate	r Well	Reco	DEPARTMENT C	F MINES]
	POPT C	PLBORN)E . / Lot . 3 . /		
	- fe	abor	Acres.		
Date Completed		g pump)	\$110.2	• • • • • • • • • • • • • • • • • • • •	
Pipe and Casing Record]	Pumping Test		
Casing diameter(s)					
Length(s) of casing(s) \dots 5 $\mathcal{H}^{\mathcal{L}}$	Developed C				
Length of screen					
Type of screen	Drawdown				
Type of pump		of completed	l well	5	
Depth of pump setting			e?		
•					<u></u> 1
	Water Record		Death(a)		No. of Foot
Kind (fresh or mineral) fresh	Jupped.		Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc			51		241/2
Appearance (clear, cloudy, coloured)	le are				
For what purpose(s) is the water to be used?	House n	<u>e.e.</u>			
		•••••			
How far is well from possible source of conta	mination?	e			
What is source of contamination? Enclose a copy of any mineral analysis that	has been made of water				
Enclose a copy of any mineral analysis that	has been made of water		11		
Well Log			Locat	tion of We	11
Drift and Bedrock Record	From O ft.	- <u>To</u>	In diagram below	v show dist	ances of well
	<u>0 n.</u>	9/1	from road and lot	: line	
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			d		
Situation: Is well on upland, in valley, or	r on hillside?	nt.a.M.	~		
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Address 6. 3		Addree	s		
Drilling Firm		Licenc	e Number		
Date				CSS.58	



APPENDIX V – AERIAL PHOTOGRAPHS / HISTORIC PHOTOGRAPHS



Project Property:	Mapleview Port Colborne Subdivision project	
	Killaly Street west	
	Port Colborne ON	
Project No:		
Requested By:	King EPCM	
Order No:	21112300694	
Date Completed:	November 27, 2021	

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

Decade	Year	Image Scale	Source
1970	1976	50000	NAPL
1970	1973	20000	NAPL
1980	1982	35000	NAPL
1980	1988	50000	NAPL
1990	Not Available		

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Environmental Risk Information Services

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0	0.125	0.25	0.5
			Kilometers
Year	:	1973	
Soui	rce:	NAPL	
Map	Scale:	1: 10000	
Com	ments:		





0 0.125 0.25

0.5 Kilometers

Year: 1976 Source: NAPL Map Scale: 1: 10000 Comments:





1982 Year:

Source: NAPL 1:10000 Map Scale: Comments:





0.125 0.25 0

1988 Year: Source: NAPL 1:10000 Map Scale: Comments:











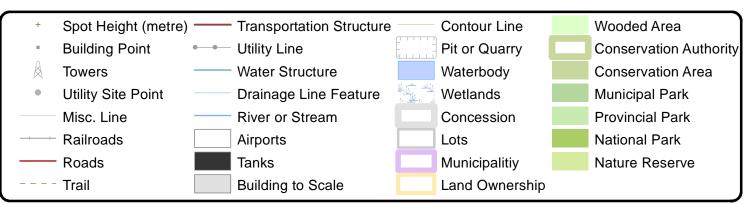




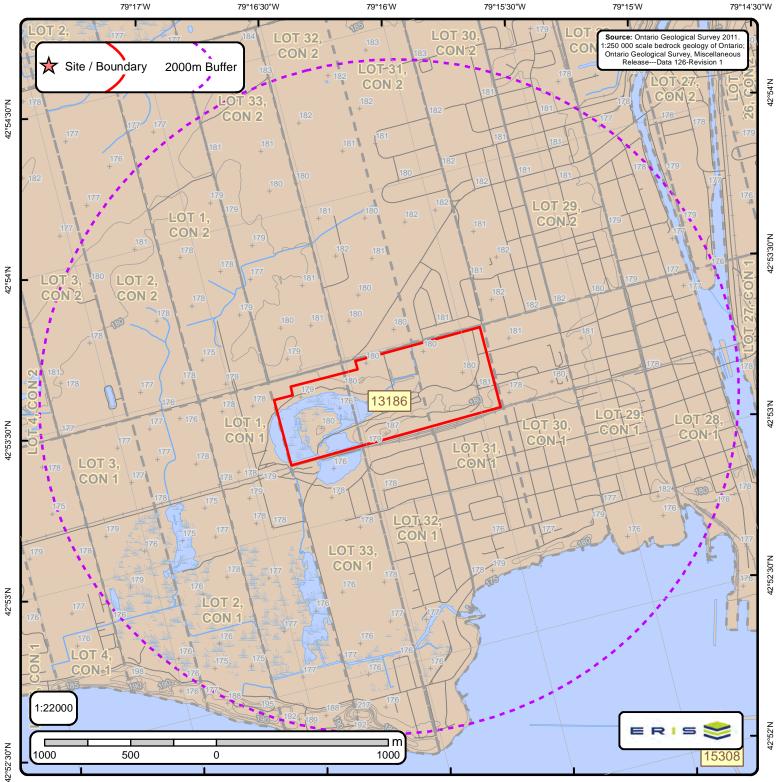
APPENDIX VI – ONTARIO BASE MAP (OBM) & MNRF MAP



Ontario Base Mapping (OBM) Data



Order No. 21112300694



Bedrock Geology of Ontario

	+	Spot Height	Bedrock Geology Lines	Dikes	Marathon, Kapuskasing or Biscotasing mafic dike
	_	- Roads	CONTACT, GEOPHYSICAL, TREND, INTERPRETED	Abitibi mafic dike	Matachewan mafic dike
			CONTACT, SHARP, TREND, INTERPRETED	Biscotasing mafic dike	Mine Centre mafic dike
		- Contour Lines	CONTACT, SHARP, TREND, OBSERVED	Empey Lake mafic dike	Molson mafic dike
	_	Streams	FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION		North Channel mafic dike
		Streams	FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION	Fort Frances mafic dike	Pickle Crow mafic dike (Molson swarm) normal
	\rightarrow	 Railroads 	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Frontenac mafic dike	Pickle Crow mafic dike (Molson swarm) reverse
	1.1	Lots	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Grenville mafic dike	Rideau mafic dike
	-	- 2013	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION	Logan and Nipigon mafic sills	Sudbury mafic dike
	ĽĽ	Pit or Quarry	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION	Mackenzie mafic dike	
		Airports	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Mafic dikes of uncertain age	Unsubdivided mafic dike
			FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Mafic sills and dikes	Unsubdivided mafic dike (Keweenawan age)
		Waterbody	NEATLINE	Marathon mafic dike	unknown
		Wetlands	ONTARIO BORDER		
			Marble, chert, iron formation, minor metavolcanic rocks		

Order No. 21112300694

- afic dike C Lines FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
 - FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION

 - FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
 FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
 - FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
 - FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION
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Bedrock Geology Units found within 2000 m of

Killaly Street west

Page 1 Order No. 21112300694



ID: 13186 | Unit Name: |

Type (All): 59d | Type (Primary): 59d | Type (Secondary): | Type (Tertiary): | Rock Type (Primary): Limestone, dolostone, shale | Strata (Primary): Detroit River Group; Onondaga Formation | Super Eon (Primary): | Eon (Primary): PHANEROZOIC (Present to 542.0 Ma) | Era (Primary): PALEOZOIC (251.0 Ma to 542.0 Ma) | Period (Primary): DEVONIAN (359.2 Ma to 416.0 Ma) | Epoch (Primary): MIDDLE DEVONIAN | Province (Primary):



Bedrock Geology Report Metadata Ontario Geological Survey 2011, 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1



ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID Unit Name - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

Supergroup (two or more groups and lone formations) Group (two or more formations) Formation (primary unit of lithostratigraphy) Member (named lithologic subdivision of a formation) Bed (named distinctive layer in a member or formation)

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

PRECAMBRIAN (0.542 Ga to <3.85 Ga)

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

ARCHEAN (2.5 Ga to <3.85 Ga) PROTEROZOIC (0.542 Ga to 2.50 Ga) PHANEROZOIC (Present to 542.0 Ma)

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

MESOARCHEAN (2.8 Ga to 3.2 Ga) NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga) NEO-TO MESOARCHEAN (2.5 Ga to 2.8 Ga)EARLI FALEOZOTE TO NEOFROTEROZOTNEOARCHEAN (2.5 Ga to 2.8 Ga)NEO-TO MESOPROTEROZOTC (0.542 GaPALEOPROTEROZOTC (1.6 Ga to 2.5 Ga)PALEOZOTC (251.0 Ma to 542.0 Ma) MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) MESOZOIC (65.5 Ma to 251.0 Ma)

MESOPROTEROZOIC (1.0 Ga to 1.6 Ga) EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga) NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

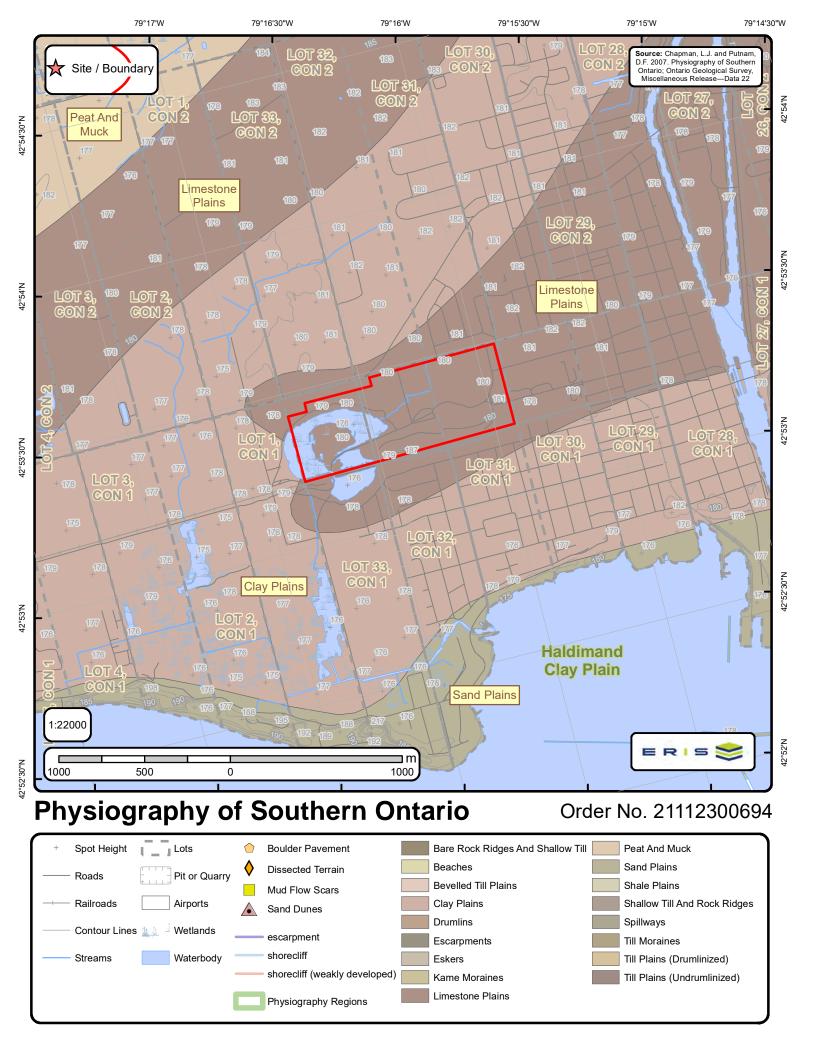
CAMBRIAN (488.3 Ma to 542.0 Ma) ORDOVICIAN (443.7 Ma to 488.3 Ma) SILURIAN (416.0 Ma to 443.7 Ma) DEVONIAN (359.2 Ma to 416.0 Ma) MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma) JURASSIC (145.5 Ma to 199.6 Ma) CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

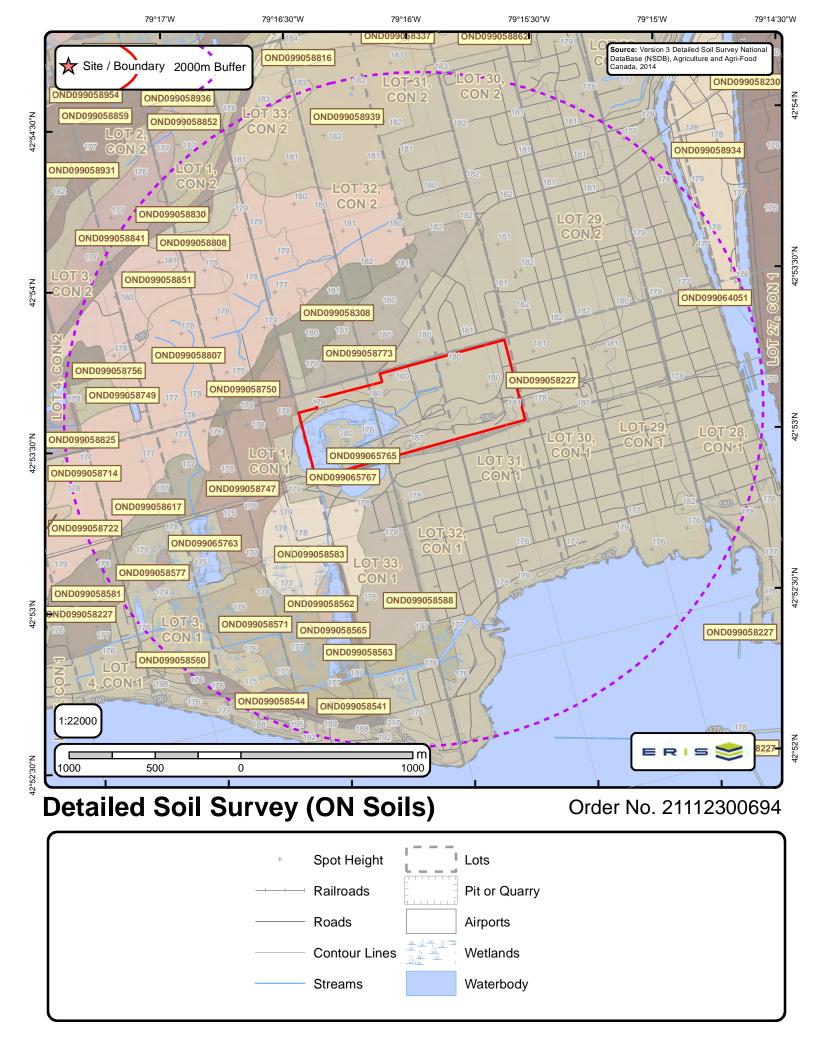
Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

LOWER ORDOVICIAN	UPPER SILURIAN
MIDDLE ORDOVICIAN	LOWER DEVONIAN
UPPER ORDOVICIAN	MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN	UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN	LOWER CRETACEOUS AND MIDDLE JURASSIC

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

SUPERIOR SOUTHERN SUPERIOR GRENVILLE







Soil Map Units Found within 2000 m of Killaly Street west

Page 1 Order No. 21112300694



Soil ID: OND099058841

Component No : 1 | Components(%) : 100 | Soil Name ID : ONMATR~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : None | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-19 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 7 | Total Sand(%) : 16 | Total Silt(%) : 46 | Total Clay(%) : 38 | Organic Carbon(%) : 3.5 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.5 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 19-43 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 6 | Total Sand(%) : 13 | Total Silt(%) : 45 | Total Clay(%) : 42 | Organic Carbon(%) : 0.3 | pH in Calc Chloride : 8.0 | Saturated Hydraulic Conductivity(cm/h) : 0.32 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-87 | Horizon : Ckg | Layer No : 3 | Very Fine Sand(%) : 5 | Total Sand(%) : 13 | Total Silt(%) : 49 | Total Clay(%) : 38 | Organic Carbon(%) : 0.1 | pH in Calc Chloride : 8.0 | Saturated Hydraulic Conductivity(cm/h) : 2.372 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 87-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 11 | Total Sand(%) : 29 | Total Silt(%) : 44 | Total Clay(%) : 27 | Organic Carbon(%) : 0.0 | pH in Calc Chloride : 8.0 | Saturated Hydraulic Conductivity(cm/h) : 0.199 | Electrical Conductivity(dS/m) : 1 |

Soil ID: OND099058592

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058617

Component No : 1 | Components(%) : 70 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Ap



Soil Map Units Found within 2000 m of Killaly Street west

Page 2 Order No. 21112300694



Soil ID: OND099058617

Component No : 2 | Components(%) : 30 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 3.5 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable

Soil ID: OND099058807

Component No : 2 | Components(%) : 50 | Soil Name ID : ONWLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : silty clay | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-15 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 0 | Total Sand(%) : 7 | Total Silt(%) : 45 | Total Clay(%) : 48 | Organic Carbon(%) : 2.4 | pH in Calc Chloride : 5.2 | Saturated Hydraulic Conductivity(cm/h) : 0.341 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 15-34 | Horizon : Btg | Layer No : 2 | Very Fine Sand(%) : 0 | Total Sand(%) : 3 | Total Silt(%) : 28 | Total Clay(%) : 69 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 6.5 | Saturated Hydraulic Conductivity(cm/h) : 0.2 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 34-43 | Horizon : Btg | Layer No : 3 | Very Fine Sand(%) : 0 | Total Sand(%) : 1 | Total Silt(%) : 22 | Total Clay(%) : 77 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 7.3 | Saturated Hydraulic Conductivity(cm/h) : 0.2 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 0 | Total Sand(%) : 1 | Total Silt(%) : 26 | Total Clay(%) : 73 | Organic Carbon(%) : 0.0 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.193 | Electrical Conductivity(dS/m) : 1

Soil ID: OND099058807

Component No : 1 | Components(%) : 50 | Soil Name ID : ONWLLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : clay loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-19 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 12 | Total Sand(%) : 23 | Total Silt(%) : 46 | Total Clay(%) : 31 | Organic Carbon(%) : 2.7 | pH in Calc Chloride : 6.0 | Saturated Hydraulic Conductivity(cm/h) : 0.424 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 19-43 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 2 | Total Sand(%) : 8 | Total Silt(%) : 34 | Total Clay(%) : 58 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.203 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-46 | Horizon : Bg | Layer No : 3 | Very Fine Sand(%) : 5 | Total Sand(%) : 11 | Total Silt(%) : 30 | Total Clay(%) : 59 | Organic Carbon(%) : 0.4 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.205 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 46-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 1 | Total Sand(%) : 5 | Total Silt(%) : 32 | Total Clay(%) : 63 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.19 | Electrical Conductivity(dS/m) : 0 |



Soil Map Units Found within 2000 m of Killaly Street west Page 3 Order No. 21112300694



Soil ID: OND099058583

Component No : 1 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable

Soil ID: OND099058583

Component No : 2 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applica

Soil ID: OND099058825

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Not Applicable | Not Applicable; No



Soil Map Units Found within 2000 m of Killaly Street west

Page 4 Order No. 21112300694



Soil ID: OND099058773

Component No : 1 | Components(%) : 100 | Soil Name ID : ONFRM~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : silty clay | Field Crops Capability : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 38-50 | Horizon : C | Layer No : 3 | Very Fine Sand(%) : 19 | Total Sand(%) : 57 | Total Silt(%) : 36 | Total Clay(%) : 7 | Organic Carbon(%) : 1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099065763

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058750

Component No : 1 | Components(%) : 100 | Soil Name ID : ONFRM~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 3.5 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : silty clay | Field Crops Capability : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 38-50 | Horizon : C | Layer No : 3 | Very Fine Sand(%) : 19 | Total Sand(%) : 57 | Total Silt(%) : 36 | Total Clay(%) : 7 | Organic Carbon(%) : 1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |



Soil Map Units Found within 2000 m of Killaly Street west Page 5 Order No. 21112300694



Soil ID: OND099065764

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099065767

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099065766

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |



Soil Map Units Found within 2000 m of Killaly Street west Page 6 Order No. 21112300694



Soil ID: OND099058808

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 3.5 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicabl

Soil ID: OND099058562

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not

Soil ID: OND099058830

Component No :1 | Components(%) :100 | Soil Name ID : ONFRM~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) :12.0 | Slop Length(m) :-9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : silty clay | Field Crops Capability : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No :1 | Very Fine Sand(%) :19 | Total Sand(%) :44 | Total Silt(%) :44 | Total Clay(%) :12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) :0] | Depth(cm) :21-38 | Horizon : Bm | Layer No :2 | Very Fine Sand(%) :13 | Total Sand(%) :49 | Total Silt(%) :45 | Total Clay(%) :6 | Organic Carbon(%) :3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) :0] | Depth(cm) :38-50 | Horizon : C | Layer No :3 | Very Fine Sand(%) :19 | Total Sand(%) :57 | Total Silt(%) :36 | Total Clay(%) :7 | Organic Carbon(%) :1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) :0] | Depth(cm) :50-100 | Horizon : R | Layer No :4 | Very Fine Sand(%) :-9 | Total Sand(%) :-9 | Total Silt(%) :-9 | Total Clay(%) :-9 | Organic Carbon(%) :None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) :None |



Soil Map Units Found within 2000 m of Killaly Street west Page 7 Order No. 21112300694



Soil ID: OND099058577

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicab

Soil ID: OND099058571

Component No :1 | Components(%) :100 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) :1.0 | Slop Length(m) :-9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) :0-18 | Horizon :Ah | Layer No :1 | Very Fine Sand(%) :19 | Total Sand(%) :44 | Total Silt(%) :44 | Total Clay(%) :12 | Organic Carbon(%) :3.7 | pH in Calc Chloride :6.7 | Saturated Hydraulic Conductivity(cm/h) :1.969 | Electrical Conductivity(dS/m) :0] | Depth(cm) :18-20 | Horizon :Bmg | Layer No :2 | Very Fine Sand(%) :13 | Total Sand(%) :49 | Total Silt(%) :45 | Total Clay(%) :6 | Organic Carbon(%) :3.1 | pH in Calc Chloride :7.0 | Saturated Hydraulic Conductivity(cm/h) :3.014 | Electrical Conductivity(dS/m) :0] | Depth(cm) :20-100 | Horizon : R | Layer No :3 | Very Fine Sand(%) :-9 | Total Sand(%) :-9 | Total Silt(%) :-9 | Total Clay(%) :-9 | Organic Carbon(%) :None | pH in Calc Chloride :None | Saturated Hydraulic Conductivity(cm/h) :None | Electrical Conductivity(dS/m) :None |

Soil ID: OND099058588

Component No : 1 | Components(%) : 100 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-18 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 6.7 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 18-20 | Horizon : Bmg | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-100 | Horizon : R | Layer No : 3 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |



Soil Map Units Found within 2000 m of Killaly Street west Page 8 Order No. 21112300694



Soil ID: OND099058227

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicab

Soil ID: OND099058581

Component No : 2 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Very Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : None | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable

Soil ID: OND099058581

Component No : 1 | Components(%) : 50 | Soil Name ID : ONWLLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : clay loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-19 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 12 | Total Sand(%) : 23 | Total Silt(%) : 46 | Total Clay(%) : 31 | Organic Carbon(%) : 2.7 | pH in Calc Chloride : 6.0 | Saturated Hydraulic Conductivity(cm/h) : 0.424 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 19-43 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 2 | Total Sand(%) : 8 | Total Silt(%) : 34 | Total Clay(%) : 58 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.203 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-46 | Horizon : Bg | Layer No : 3 | Very Fine Sand(%) : 5 | Total Sand(%) : 11 | Total Silt(%) : 30 | Total Clay(%) : 59 | Organic Carbon(%) : 0.4 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.205 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 46-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 1 | Total Sand(%) : 5 | Total Silt(%) : 32 | Total Clay(%) : 63 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.19 | Electrical Conductivity(dS/m) : 0 |



Soil Map Units Found within 2000 m of Killaly Street west Page 9 Order No. 21112300694



Soil ID: OND099058852

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1|2|3 : Not Applicable; Not Applicable | Parent Material Chemical Property 1|2|3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Not Applicable; Not Applicab

Soil ID: OND099058851

Component No : 1 | Components(%) : 70 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Not Applic

Soil ID: OND099058851

Component No : 2 | Components(%) : 30 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable



Soil Map Units Found within 2000 m of Killaly Street west Page 10 Order No. 21112300694



Soil ID: OND099058939

Component No : 1 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applica

Soil ID: OND099058939

Component No : 2 | Components(%) : 50 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-18 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 6.7 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 18-20 | Horizon : Bmg | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-100 | Horizon : R | Layer No : 3 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058934

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable



Soil Map Units Found within 2000 m of Killaly Street west Page 11 Order No. 21112300694



Soil ID: OND099058816

Component No : 1 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicable

Soil ID: OND099058816

Component No : 2 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Vot Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable | Vot Applicable | Vot Applicable; Not Applicable | Vot Applicable | Vot Applicable | Vot Applicable; Not Applicable

Soil ID: OND099058915

Component No : 1 | Components(%) : 70 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Not Applic



Soil Map Units Found within 2000 m of Killaly Street west

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Soil ID: OND099058915

Component No : 2 | Components(%) : 30 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-18 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 6.7 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 18-20 | Horizon : Bmg | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-100 | Horizon : R | Layer No : 3 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058747

Component No : 2 | Components(%) : 50 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-18 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 6.7 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 18-20 | Horizon : Bmg | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-100 | Horizon : R | Layer No : 3 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058747

Component No : 1 | Components(%) : 50 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Ap



Soil Map Units Found within 2000 m of Killaly Street west Page 13 Order No. 21112300694



Soil ID: OND099058756

Component No : 1 | Components(%) : 100 | Soil Name ID : ONFRM~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : silty clay | Field Crops Capability : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 38-50 | Horizon : C | Layer No : 3 | Very Fine Sand(%) : 19 | Total Sand(%) : 57 | Total Silt(%) : 36 | Total Clay(%) : 7 | Organic Carbon(%) : 1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058749

Component No : 1 | Components(%) : 70 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Applicable; Not Applicable | Vot Applicable; Not Applicable; Not Applicable | Vot Applicable; Not Applicable | Vot Applicable; Not Appl

Soil ID: OND099058749

Component No : 2 | Components(%) : 30 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1|2|3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1|2|3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Vot Applicable | Not Applicable; Not Applicable | Vot Applicable |



Soil Map Units Found within 2000 m of Killaly Street west

Page 14 Order No. 21112300694



Soil ID: OND099058544

Component No : 1 | Components(%) : 70 | Soil Name ID : ONWAM~~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | Soil Texture of A Horizon : None | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Low inherent soil Fertility | Second CLI Limitation Subclass : None | Depth(cm) : 2-25 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 30 | Total Sand(%) : 89 | Total Silt(%) :9 | Total Clay(%) :2 | Organic Carbon(%) :0.5 | pH in Calc Chloride :7.4 | Saturated Hydraulic Conductivity(cm/h) :7.84 | Electrical Conductivity(dS/m):0] | Depth(cm):25-45 | Horizon: Bm | Layer No:2 | Very Fine Sand(%):15 | Total Sand(%) :94 | Total Silt(%) :4 | Total Clay(%) :2 | Organic Carbon(%) :0.5 | pH in Calc Chloride :7.6 | Saturated Hydraulic Conductivity(cm/h): 8.247 | Electrical Conductivity(dS/m): 0] | Depth(cm): 45-85 | Horizon: Bm | Layer No: 3 | Very Fine Sand(%): 12 | Total Sand(%): 97 | Total Silt(%): 2 | Total Clay(%): 1 | Organic Carbon(%): 0.1 | pH in Calc Chloride: 7.5 | Saturated Hydraulic Conductivity(cm/h) : 9.397 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 85-100 | Horizon : Btgi | Laver No: 4 Very Fine Sand(%): 39 Total Sand(%): 83 Total Silt(%): 10 Total Clay(%): 7 Organic Carbon(%): 0.2 pH in Calc Chloride : 7.6 | Saturated Hydraulic Conductivity(cm/h) : 3.822 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 100-118 | Horizon : Btj | Layer No : 5 | Very Fine Sand(%) : 8 | Total Sand(%) : 91 | Total Silt(%) : 4 | Total Clay(%) : 5 | Organic Carbon(%): 0.1 | pH in Calc Chloride: 7.4 | Saturated Hydraulic Conductivity(cm/h): 5.06 | Electrical Conductivity(dS/m):0] | Depth(cm):118-134 | Horizon: BCgj | Layer No: 6 | Very Fine Sand(%): 60 | Total Sand(%): 77 | Total Silt(%) : 21 | Total Clay(%) : 2 | Organic Carbon(%) : 0.1 | pH in Calc Chloride : 7.5 | Saturated Hydraulic Conductivity(cm/h): 6.84 | Electrical Conductivity(dS/m): 0] | Depth(cm): 134-150 | Horizon: Ckgj | Layer No: 7 | Very Fine Sand(%): 21 | Total Sand(%): 95 | Total Silt(%): 4 | Total Clay(%): 1 | Organic Carbon(%): 0.1 | pH in Calc Chloride: 7.7 |

Soil ID: OND099058544

Component No : 2 | Components(%) : 30 | Soil Name ID : ONZUN~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 7.0 | Slop Length(m) : -9 | Drainage : Rapidly | Hydrological Soil Groups : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | Soil Texture of A Horizon : None | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Low inherent soil Fertility | Second CLI Limitation Subclass : Presence of adverse Topography | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Appli

Soil ID: OND099058541

Component No : 1 | Components(%) : 100 | Soil Name ID : ONWLLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : clay loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-19 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 12 | Total Sand(%) : 23 | Total Silt(%) : 46 | Total Clay(%) : 31 | Organic Carbon(%) : 2.7 | pH in Calc Chloride : 6.0 | Saturated Hydraulic Conductivity(cm/h) : 0.424 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 19-43 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 2 | Total Sand(%) : 8 | Total Silt(%) : 34 | Total Clay(%) : 58 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.203 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-46 | Horizon : Bg | Layer No : 3 | Very Fine Sand(%) : 5 | Total Sand(%) : 11 | Total Silt(%) : 30 | Total Clay(%) : 59 | Organic Carbon(%) : 0.4 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.205 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 46-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 1 | Total Sand(%) : 5 | Total Silt(%) : 32 | Total Clay(%) : 63 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.19 | Electrical Conductivity(dS/m) : 0 |



Soil Map Units Found within 2000 m of Killaly Street west Page 15 Order No. 21112300694



Soil ID: OND099058308

Component No : 1 | Components(%) : 70 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Imperfectly | Hydrological Soil Groups : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | Soil Texture of A Horizon : medium - moderately fine loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applica

Soil ID: OND099058308

Component No : 2 | Components(%) : 30 | Soil Name ID : ONBOKSH~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | Soil Texture of A Horizon : clay loam | Field Crops Capability : Severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-18 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 6.7 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 18-20 | Horizon : Bmg | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-100 | Horizon : R | Layer No : 3 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058565

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |



Soil Map Units Found within 2000 m of Killaly Street west Page 16 Order No. 21112300694



Soil ID: OND099058563

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZUN~~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Soil Name : UNCLASSIFIED | Water Table Charateristics : Unspecified period | Soil Drainage Class : Not applicable | Kind of Surface Material : Unclassified | Layer that Restricts Root Growth : No root restricting layer | Type of Root Restricting Layer : n/a | Parent Material 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Mode of Deposition 1/2/3 : Not Applicable; Not Applicable | Parent Material Chemical Property 1/2/3 : Not Applicable; Not Applicable; Not Applicable | Not Applicab

Soil ID: OND099064051

Component No :1 | Components(%) :100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) :-9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon :-- | Layer No :1 | Very Fine Sand(%) :-9 | Total Sand(%) :-9 | Total Silt(%) :-9 | Total Clay(%) :-9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND099058560

Component No : 1 | Components(%) : 50 | Soil Name ID : ONWLLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.0 | Slop Length(m) : -9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : clay loam | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-19 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 12 | Total Sand(%) : 23 | Total Silt(%) : 46 | Total Clay(%) : 31 | Organic Carbon(%) : 2.7 | pH in Calc Chloride : 6.0 | Saturated Hydraulic Conductivity(cm/h) : 0.424 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 19-43 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 2 | Total Sand(%) : 8 | Total Silt(%) : 34 | Total Clay(%) : 58 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.203 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 43-46 | Horizon : Bg | Layer No : 3 | Very Fine Sand(%) : 5 | Total Sand(%) : 11 | Total Silt(%) : 30 | Total Clay(%) : 59 | Organic Carbon(%) : 0.4 | pH in Calc Chloride : 6.3 | Saturated Hydraulic Conductivity(cm/h) : 0.205 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 46-100 | Horizon : Ckg | Layer No : 4 | Very Fine Sand(%) : 1 | Total Sand(%) : 5 | Total Silt(%) : 32 | Total Clay(%) : 63 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.19 | Electrical Conductivity(dS/m) : 0 |



Soil Map Units Found within 2000 m of Killaly Street west

Page 17 Order No. 21112300694

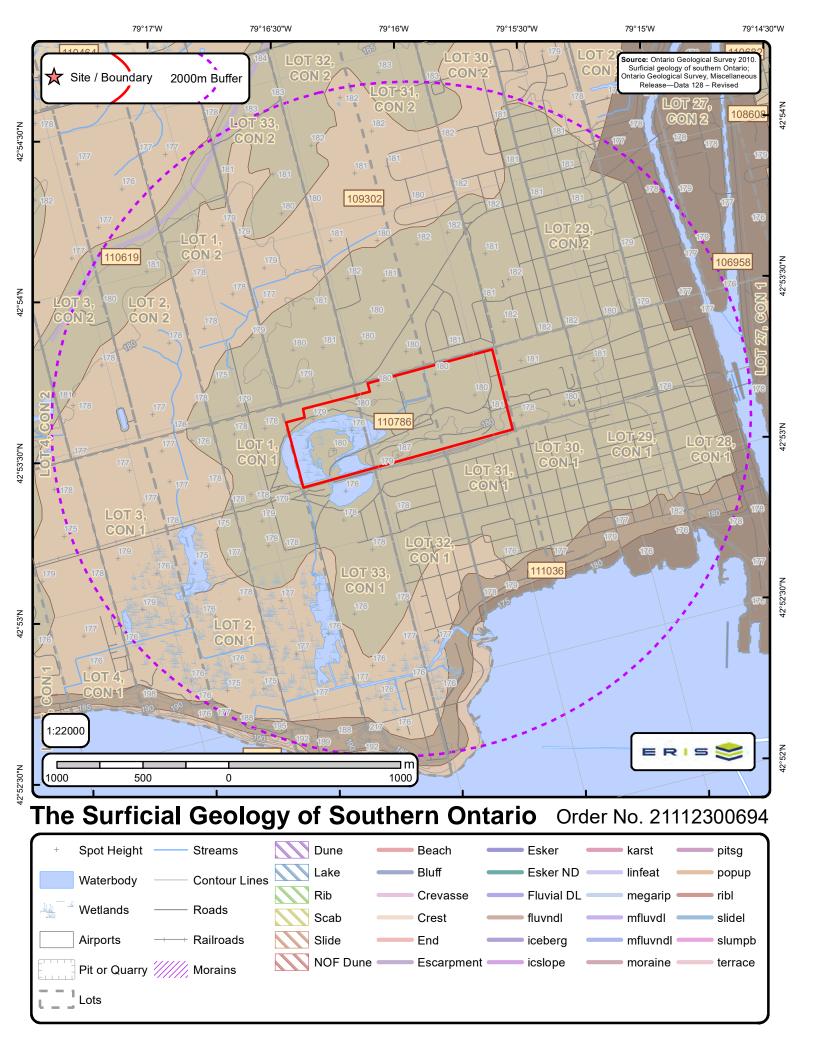


Soil ID: OND099058560

Component No :2 | Components(%) :50 | Soil Name ID :ONWLL~~~~A | Surface Stoniness Class : Nonstony | Slop Steepness(%) :1.0 | Slop Length(m) :-9 | Drainage : Poorly | Hydrological Soil Groups : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | Soil Texture of A Horizon : silty clay | Field Crops Capability : moderately severe limitations on use for crops. | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) :0-15 | Horizon : Ap | Layer No :1 | Very Fine Sand(%) :0 | Total Sand(%) :7 | Total Silt(%) :45 | Total Clay(%) :48 | Organic Carbon(%) :2.4 | pH in Calc Chloride :5.2 | Saturated Hydraulic Conductivity(cm/h) :0.341 | Electrical Conductivity(dS/m) :0] | Depth(cm) :15-34 | Horizon : Btg | Layer No :2 | Very Fine Sand(%) :0 | Total Sand(%) :3 | Total Silt(%) :28 | Total Clay(%) :69 | Organic Carbon(%) :0.6 | pH in Calc Chloride :6.5 | Saturated Hydraulic Conductivity(cm/h) :0.2 | Electrical Conductivity(dS/m) :0] | Depth(cm) :34-43 | Horizon : Btg | Layer No :3 | Very Fine Sand(%) :0 | Total Sand(%) :1 | Total Silt(%) :22 | Total Clay(%) :77 | Organic Carbon(%) :0.6 | pH in Calc Chloride :7.3 | Saturated Hydraulic Conductivity(cm/h) :0.2 | Electrical Conductivity(dS/m) :0] | Depth(cm) :43-100 | Horizon : Ckg | Layer No :4 | Very Fine Sand(%) :0 | Total Sand(%) :1 | Total Silt(%) :26 | Total Clay(%) :73 | Organic Carbon(%) :0.0 | pH in Calc Chloride :7.7 | Saturated Hydraulic Conductivity(cm/h) :0.193 | Electrical Conductivity(dS/m) :1

Soil ID: OND099065765

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZZZ~~~~N | Surface Stoniness Class : Not Applicable | Slop Steepness(%) : None | Slop Length(m) : -9 | Drainage : Not Applicable | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-100 | Horizon : -- | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |





Surface Geology Report Surface Geology units found within 2000 m of Killaly Street west Page 1 Order No. 21112300694



ID: 106958 | Unit Name: Fill |

Deposit Type Code: 17 | Deposit Age: Recent | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: fill | Primary Material Modifier: | Secondary Material: | Primary General: anthropogenic | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Fill

ID: 109302 | Unit Name: Glaciolacustrine deep water deposits |

Deposit Type Code: 7 | Deposit Age: Late Wisconsinan | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: clay, silt | Primary Material Modifier: | Secondary Material: | Primary General: glaciolacustrine | Primary General Modifier: foreshore/basinal | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Low | Material Description: Clay and silt

ID: 110619 | Unit Name: Onondaga and Bois Blanc Formations |

Deposit Type Code: 3 | Deposit Age: Devonian | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: Paleozoic Bedrock | Primary Material Modifier: | Secondary Material: | Primary General: | Primary General Modifier: | Veneer: clay, silt, sand, gravel, diamicton | Episode: | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Cherty limestone including locally glausonitic sandstone of the Springvale Member

ID: 110786 | Unit Name: Onondaga and Bois Blanc Formations |

Deposit Type Code: 3 | Deposit Age: Devonian | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: Paleozoic Bedrock | Primary Material Modifier: | Secondary Material: | Primary General: | Primary General Modifier: | Veneer: clay, silt, sand, gravel, diamicton | Episode: | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Cherty limestone including locally glausonitic sandstone of the Springvale Member

ID: 111036 | Unit Name: Modern coastal dune sand |

Deposit Type Code: 16 | Deposit Age: Recent | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: sand | Primary Material Modifier: | Secondary Material: | Primary General: eolian | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Medium-High | Material Description: Sand



Surface Geology Report Surface Geology units found within 2000 m of Killaly Street west

Page 2 Order No. 21112300694



ID: 111064 | Unit Name: Modern beach |

Deposit Type Code: 15 | Deposit Age: Recent | Map Number: m2496 | Map Name: Niagara-Welland | Source Map Scale: 1:50 000 | Primary Material: sand, gravel | Primary Material Modifier: | Secondary Material: | Primary General: lacustrine | Primary General Modifier: littoral/foreshore | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: High | Material Description: Sand and gravel



Surface Geology Report Metadata Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.



ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - ID applied to the Unit
Unit Name - Name of deposit
Deposit Type Code - The geological unit number taken from the original map legend.
Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.
Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.
Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'
Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'
Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.
Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.
Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.
Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.
Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.
Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.
Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

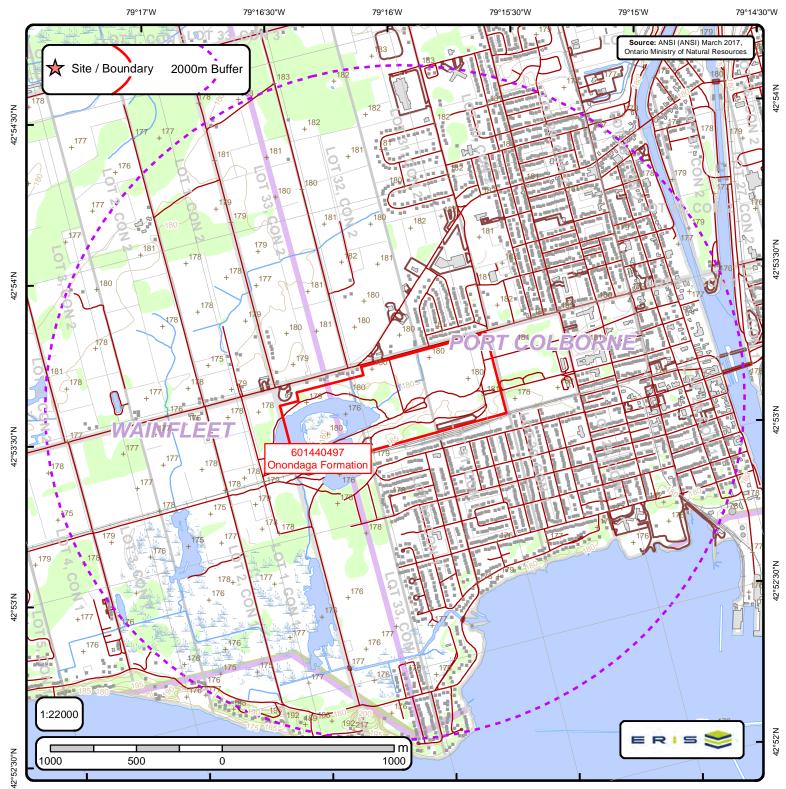
Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.



Area of Natural & Scientific Interest (ANSI) Order No. 21112300694

+	Spot Height		Transportation Structure	 Contour Line	Wooded Area
-	Building Point	••	Utility Line	Pit or Quarry	Conservation Authority
A	Towers		Water Structure	Waterbody	Conservation Area
•	Utility Site Point		Drainage Line Feature	Wetlands	Municipal Park
	Misc. Line		River or Stream	Concession	Provincial Park
	Railroads		Airports	Lots	National Park
	Roads		Tanks	Municipalitiy	Nature Reserve
	Trail		Building to Scale	Land Ownership	ANSI Area



ANSI Report ANSI Units Found within 2000 m of Killaly Street west

Page 1 Order No. 21112300694



ANSI Name: Onondaga Formation ID: 601440497 | Type: ANSI, Earth Science | Significance: Regional | Management Plan: No | Area (sqm): 7817.02 | Comments: