OIL AND GAS WELL STUDY

Bridgeburg North Lands, Fort Erie, ON



Project Location:
Bridgeburg North Lands
Fort Erie, ON

Prepared For:
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Vaughan, ON
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NIAGARA SOILS SOLUTIONS LTD.

Prepared By:
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Date: February 28, 2025
NSSL File No.: NS2504-09

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LIST OF ABBREVIATIONS

NSSL:	Niagara Soils Solutions Ltd
ERIS:	Environmental Risk Information services
ACT:	Active Well
ABD:	Abandoned Well
SUS:	Suspended Well
UNK:	Unknown
GP:	Natural Gas
DH:	Dry Hole
MECP:	Ministry of the Environment, Conservation and Parks
MNRF:	Ministry of Natural Resources and Forestry
OGSRA:	Oil, Gas, and Salt Resources Act
OGSRL:	Oil, Gas and Salt Resources Library
PGP:	Private Gas
LOC:	Location
CRS:	Coordinate Reference System
SPUD:	Commencement of the actual drilling

DEFINITIONS

Casing:	Metallic or non-metallic pipe placed in the borehole to support the sides of the bore and to act as a barrier preventing subsurface migration of fluids out of or into the borehole e.g. protection of freshwater zones (Oil, Gas and Salt Resources of Ontario Provincial Operating Standard, 2023)
Abandoned: well:	A well that is officially plugged and abandoned (OGSR). It has been permanently shut down and plugged, with the wellhead removed, the site cleaned up and considered safe and secure by regulators (Heagle & Sealey, 2023).
Unknown:	A well with no information on the status is available in Ministry records (OGSR).
Orphan well:	There is No plugged well, no producing, and no responsible operator (Heagle & Sealey, 2023).
Legacy well:	A well that was properly abandoned to the standards at the time and for which there are no current operators (Heagle & Sealey, 2023).

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1.0 INTRODUCTION

1.1 Property Information

Niagara Soils Solutions Ltd. (NSSL) was retained by Bridgeburg Landowners Group Inc. to verify the existence and status of any oil and gas wells onsite or within 100 metres of each of the six land parcels that comprise Bridgeburg North, as identified in the Town of Fort Erie's Secondary Plan. The Bridgeburg North Lands are situated east of Thompson Road, north of Phipps Street, and west of Crooks Street, along the Niagara River Parkway and the Niagara River in the Town of Fort Erie, ON (referred to as the "Property" or "Site"). It is understood that the Oil & Gas Well Study is being requested for due diligence purposes relating to planned future development. The Site location is shown in Figure 1.

The details of property ownership from west to east and north to south are summarized below:

Table 1. Bridgeburg North Lands Ownership

Property	Ownership	Approximate Lot Size (ha)
1	Hert Inc. (N)	37.80
2	Hert Inc. (S)	30.35
3	Fort Erie Hills	34.13
4	FCBB Lands Inc.	18.86
5	FCBB Lands Inc.	55.68
6	2585908 Ontario Inc.	11.16

Authorization to proceed with the Oil and Gas Study was received from Ms. Helen Mihailidi, Bridgeburg Landowners Group Inc. The contact information for Mr. Mihaiulidi is:

Helen Mihailidi
c/o Bridgeburg Landowners Group Inc.
200-7501 Keele Street
905-760-2600

The Oil and Gas Well Site consists of six properties, which are described below:

Property Hert Inc. (1) is a vacant lot that spans approximately 37.8 hectares, featuring a cleared area encompassed by agricultural land and a forested space to the south. There are no structures on-site. Surface water percolates through the ground or flows toward Frenchman's Creek to the southeast. The surrounding area includes a mix of agricultural, community, and rural residential properties.

Property Hert Inc. (2) is a vacant, irregularly shaped lot of about 30.35 hectares, entirely covered by forest. No structures are present, and historical records confirm it has never been developed. Surface water is expected to either percolate the ground and/or flow toward the nearby creek in the northern and eastern areas. The surrounding land includes agricultural, forested, commercial (historical golf course) and residential properties.

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Property Fort Erie Hills (3) is currently vacant, comprising an irregularly shaped lot of approximately 34.13 hectares. The site has been cleared of all historical activities and is in the process of new residential development. This site is part of the redevelopment of a larger consolidated land acquisition known as the Bridgeburg North Secondary Plan. The surrounding area exhibits diverse land uses, including residential, commercial, and industrial properties.

The property FCCBB Lands Inc. (4) is a vacant, irregularly shaped lot of approximately 18.86 hectares, primarily covered in forest. Frenchman's Creek runs through the southern half of the Site, which is flat with an average elevation of 177 meters above sea level (masl). There are no visible structures, and any surface water either filters through the vegetation or flows south to the creek. The surrounding area is mostly residential or vacant land (agricultural) and forest.

Property FCCBB Lands Inc. (5) is a vacant lot of 55.68 hectares with overgrown vegetation and forested areas. A Quonset Hut is located at the southeast corner, at the intersection of Crooks Street and Bowen Road. Frenchman's Creek flows through the property, entering at the northwest corner and eventually exiting at the southern boundary. Surface water that does not percolate the ground drains into the creek. The surrounding area includes conservation, residential development, and industrial uses, with the Fort Erie Wastewater Treatment Facility to the east. The adjacent property to the south was a commercial golf course that closed in 2020.

Property 2585908 Ontario Inc. (6) is a residential-agricultural vacant lot, covering approximately 11.16 hectares. The northern and western areas of the property are primarily farmland, with one building designated for residential use, while the eastern portion is a vacant lot. Historically, the property was associated with agricultural activities, as indicated in the 1934 aerial photograph. A small portion of the northwest part of the Site has since been converted into a residential building. The eastern side of the property was developed into a campground between 1934 and 1954/55. The property is adjacent to Frenchman's Creek along the northern boundary and to wooded areas to the west. The surrounding area features a mix of residential, commercial, and industrial facilities, including the Fort Erie Wastewater Treatment Plant.

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2.0 SCOPE OF INVESTIGATION

The Oil and Gas Well Study was conducted in accordance with the Oil, Gas, and Salt Resources Act (OGSRA), O. Reg. 245/97, and the Provincial Operating Standards for Oil, Gas, and Salt Resources in Ontario, as administered by the Ministry of Natural Resources and Forestry (MNRF). The purpose of the Oil and Gas Well study was to verify the existence and status of any Oil and Gas wells on the Site based on an evaluation of information collected through records review, and site visit. The scope of work for the Oil and Gas Well study included the following:

- Review of available environmental reports pertinent to the Site and surrounding lands.
- Review of physical setting information, including aerial photographs, topographic maps, and geologic information related to the Site and surrounding lands.
- Review of EcoLog ERIS database report for the Site and surrounding lands.
- Review of the Oil and Gas source information, including published and online records from the Oil, Gas and Salt Resources Library, Ontario Petroleum Institute (OPI), Conservation and Parks (MECP) and Ministry of Natural Resources and Forestry (MNRF).
- Site reconnaissance to observe the Gas wells on the Property or surrounding lands.
- Preparation of a photographic log.
- Preparation of a summary report of findings and recommendations.
- Assessment of information to illustrate the Site location and limits, the surrounding lands, Oil and Gas Well locations, and additional or updated Oil and Gas locations in the study area.

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3.0 RECORDS REVIEW

3.1 General

3.1.1 Oil& Gas Well Study Area Determination

The Oil and Gas Well study area includes properties located wholly or partially within 100 m of the nearest point on a boundary of the Property. No other well located beyond 100 m of the Site was considered relevant to this Oil and Gas Well Study at this time. The study area is illustrated in Figure 1.

3.1.2 Historical Petroleum Exploration and Environmental Risks in Ontario

Petroleum exploration in Ontario started in the mid-1800s when James Miller Williams discovered oil while drilling for water at Black Creek, which was later renamed Oil Springs. The early uses of the extracted petroleum and natural gas products included manufacturing oils, paints, kerosene, and lighting, as well as providing heating and cooking fuel for both residential and industrial purposes (https://www.cheminst.ca/magazine/article/drilling-into-canadas-petroleum-history/). Many wells were drilled and decommissioned years ago, often using rudimentary plugging methods or without the benefit of stringent regulations. These older wells pose hazards, such as the risk of encountering improperly sealed wells during construction, potential contamination pathways for hydrogen sulphide or methane, flammability, and environmental spills. There is a risk of groundwater contamination, air pollution, and other oil and gas extraction hazards.

An estimated 50,000 oil and gas wells were drilled by 1970 in southwestern Ontario. However, there are only records for 27,000 of these wells (Carter et al., 2021). Few records were found before 1919, when record-keeping became mandatory under the Ontario Natural Gas Act, and many records were not reported or were lost. Wells abandoned before 1907 were plugged with wood and rubble. Cement, wood plugs, and lead were used for plugging until 1960, when long cement plugs, meeting the actual standards, were adopted. Some wells were abandoned according to the standards of more than 100 years ago, and the plug has since degraded due to exposure to brine and “sulphur water” (groundwater containing dissolved sulphate and hydrogen sulphide). The first regulations to plug wells were designed to maintain the quality of oil and gas reservoirs and to limit wasting gas that was leaking from the wells, pipelines or other equipment (Heagle & Sealey, 2023).

Fort Erie has long been home to oil and gas exploration activities. The oil and gas wells were drilled prior to any regulations, leaving wells without proper sealing and unknown plugging status or condition and potentially impacting the surrounding environment.

3.2 Regulatory Framework

3.2.1 Primary Authorities and Responsibilities

The Ministry of Natural Resources and Forestry (MNRF) is responsible for overseeing various activities related to oil and gas wells, including policy development, analysis, licensing, approvals, enforcement, and inspection. Landowners are responsible for wells that fall under no license holder, lessee or other operator.

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The responsibility for abandoned oil and gas wells is also shared by the Ministry of the Environment, Conservation and Parks (MECP) and conservation authorities, responsible for overseeing environmental protection and addressing contamination risks. Municipalities play a role in communicating with landowners, coordinating emergency response efforts, and managing planning and zoning by-laws related to land use approval. Oil and gas companies that operate the wells are obligated to ensure proper abandonment. However, if a company becomes insolvent or ceases to exist, the province may allocate public funds for remediation through specialized programs designed to address these issues.

3.2.2 Legal Foundation and Well Definition

The Oil, Gas, and Salt Resources Act (OGSRA) provides the legal foundation for managing gas, oil, and salt resources in Ontario. This includes regulating drilling permits, defining rights and responsibilities for operators and landowners, and ensuring environmental oversight to protect the environment from the negative impacts of extraction activities. According to this Act, a well is defined as:

"a hole in the ground, whether completely drilled or in the process of being drilled, for the purpose of,

(a) the production of oil, gas or formation water, including the production of coal bed methane but excluding the production of fresh water,

(b) the injection, storage and withdrawal of oil, gas, other hydrocarbons or other prescribed substances in an underground geological formation,

(b.1) a compressed air energy storage project that is prescribed, or any part or portion of such a project as may be prescribed,

(c) the disposal of oil field fluid in an underground geological formation,

(d) solution mining,

(d.1) a special project that the Minister designates under section 11.1, or

(e) geological evaluation or testing rocks of Cambrian or more recent age; ("*puits*")"

3.2.3 Well Construction, Restrictions, and Decommissioning

The OGSRA also includes restrictions on construction near wells, as stated;

"10.2 (1) No person shall erect, locate or construct a building or structure of a type prescribed by the regulations within 75 metres of a well or facility unless the well or facility has been decommissioned in accordance with this Act and the regulations. 2006, c. 33, Sched. W, s. 1."

The OGSRA requires a well to be plugged or decommissioned if it poses a risk to public safety or the environment or if related activities have been suspended. An inspector may issue a written order to the operator, specifying a deadline for compliance.

3.2.4 Well Abandonment and Safety Procedures

Under the Ontario Water Resources Act, R.R.O. 1990, Regulation 903, abandoning oil and gas wells requires removing all equipment and debris, sealing the well with cement from the bottom to about two meters

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below the surface, and using bentonite or similar materials for surface sealing. For larger wells, sand or gravel should be used in water-producing zones with a bentonite slurry applied. The area must be stabilized to prevent erosion, and only licensed contractors should perform the abandonment to ensure compliance and avoid contamination.

The Abandoned Works Program (https://www.ontario.ca/page/abandoned-works-program) was established in Ontario to safely abandon oil and gas wells, protecting public health and drinking water resources. This program provides landowners with the opportunity to properly plug their wells. Suppose the operator of a well cannot be identified. In that case, the landowner becomes responsible for plugging the well and may apply to the program for assistance in properly plugging the well on their property.

3.2.5 Identifying Leaking Wells

Identifying a leaking well involves several key indicators. If fluids are escaping, pools of liquid may form, causing soil staining and damage to vegetation. Additionally, hydrogen sulphide, a poisonous gas with a smell often described as rotten eggs, may be released if the well is leaking. Another sign of a leak is when the ground around or over the well dips or sinks.

3.2.6 Operational Standards and Setback Requirements

Ontario Regulation 245/97, part of the OGSRA, establishes operational and technical standards for oil and gas operations, including well construction, safety, testing, monitoring, and abandonment. It ensures that the plugging, abandonment, and decommissioning of wells, the reservoir, and other associated works will leave them in a stable state that permanently protects the public and the environment.

Furthermore, according to the Oil, Gas and Salt Resources of Ontario Provincial Operating Standard, operators must comply with setback requirements for well locations, such as not placing wells within 75 meters of any dwelling, agricultural, commercial, industrial building, school, church, or place of public assembly. Wells must also be located within specified distances from water bodies, such as 100 meters from the Great Lakes shoreline and 30 meters from other lakes, rivers, streams, or municipal drains. In water-covered areas of Lake Erie, there are additional setback requirements, including 800 meters from the shoreline and 800 meters from the International Boundary. Operators must also adhere to federal and municipal height and setback requirements for well locations near airports.

3.2.7 Well Rehabilitation and Environmental Assessments

For well rehabilitation in water-covered areas, when a well is plugged, the operator must cut off any casing left in the well at or below the bed of the body of water under the Oil, Gas and Salt Resources of Ontario Provincial Operating Standard. In terms of well plugging, the regulations ensure that the process protects potential oil or gas-producing horizons, prevents the migration of oil, gas, or water from one horizon to another, seals off and isolates all porous formations from those located above and below, and does not constitute a hazard to surface users.

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A Phase Two Environmental Site Assessment (ESA) under O. Reg. 153/04 is not mandatory if oil and gas production occurs on the property or if an oil and gas well is present, as stated,

> *"A phase two ESA is also not mandatory for any part of the property that is being, or was used, for quarrying to excavate consolidated or unconsolidated aggregate, or for the aspect of the production of oil and gas consisting of the presence of an oil or gas well on, in or under the property."*

3.3 Environmental Reports

A Phase One Environmental Site Assessment dated April 13, 2020, by Ben Engineering Inc., was completed based on CSA-Z768-01 (R2016) on Properties numbers 1 and 2 (Hert Inc.) of the Site located at Thompson Road, Fort Erie, Ontario. Within this report, the following items are noted:

- Geology and physiography are noted to be topsoil, brown clay, gravel with clay and gravel in various depths to 60 ft. Bedrock Geology, Bedrock Topography, Surficial Geology, Hydrogeological, Topographical and Soil Maps were reviewed suggesting the slope of the area is north/northeast.
- Two creeks are noted to cross the subject property, and the groundwater is noted to be shallow.
- Historical ownership records for 1987 to 2020 were reviewed for the two parcels with no businesses listed that would appear to have an obvious adverse environmental impact on the subject site.
- At least four gas wells were drilled on the subject property in the 1940-50s.
- Decommissioning of gas wells located on the property was recommended and required under the Ontario Water Resources Act and O. Reg. 903.

3.4 Environmental Source Information

3.4.1 Environmental Risk Information Services

Environmental Risk Information Services (ERIS) was contracted to search the available government and private records and databases for information about the Property and the study area (around 100 m). The Gas and Oil Well report's key findings are presented below in Table 2 for each of the six lots, with a copy of the full report provided in Appendix C.

Table 2: Key Findings of ECOLOG ERIS Report

Municipal Address	Property relationship to Site	Ontario Oil & Gas Well Records
Property #1 (HERT Inc.)		
None	Site	**<u>One (1) OOGW Record:</u>** **Well ID: 27150**, License: F015102, Kin Mar Syndicate - Kin Mar syndicate - R.F. Wilson No. 2 (Status: Unknown)

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Municipal Address	Property relationship to Site	Ontario Oil & Gas Well Records
Not Available	Off-Site	**Eight (8) OOGW Records:** See ERIS Map for exact locations. **Well ID: 27347**, License: F015272, DiMartile, T.A.- Thomas DiMartile #8 - T. DiMartile #5 (Status: Abandoned) **Well ID: 27356**, License: F015102, Kin Mar Syndicate- Kin Mar Syndicate #35 T.A. DiMartile #7 (Status: Abandoned) **Well ID: 27357**, License: F015273, Di Martile, Thomas- Thomas DiMartile #4-T. DiMartile #1 (Status: Unknown) **Well ID: 27178**, License: F015131, Kin Mar Syndicate - Kin Mar Syndicate -T.A. DiMartile No.1 (Status: Abandoned) **Well ID: 27149**, License: F015101, Kin Mar Syndicate - Kin Mar syndicate - R.F. Wilson No. 3 (Status: Abandoned) **Well ID: 27179**, License: F015132, Kin Mar Syndicate - Kin Mar Syndicate - T.A. DiMartile No. 1 (Status: Abandoned) **Well ID: 27456**, License: F015363, Manock Gas Syndicate- Manock Gas Syndicate (Status: Unknown) **Well ID: 27367,** License: F015283, Manock Gas Syndicate- Manock Gas Syndicate #6-Township of Bertie #2 (Status: Unknown)
Property #2 (HERT Inc.)		
None	Site	**Three (3) OOGW Records** **Well ID: 27357 (26949),** F015273 Thomas DiMartile#4 – T. DiMartile #1 (Status: Unknown) **Well ID: 27359 (26951),** F015275 (Thomas DiMartile #6 – T. DiMartile #3 (Status: Abandoned) **Well ID: 27239 (26790),** Ralph Snider#1 Welland Securities #1 (Status: Unknown)
Not Available	Off-Site	**Eleven (11) OOGW Records** See ERIS Map for exact locations. **Well ID: 27178 (26756**), F015131, Kin Mar Syndicate – T.A. DiMartile #1 (Status: Abandoned) **Well ID: 27456 (27088),** F015363, Manock Gas Syndicate (Status: Unknown) **Well ID: 27367 (26957),** F015283, Manock Gas Syndicate #6 Township of Bertie #2 (Status: Unknown) **Well ID: 27368 (26959),** F015284, Manock Gas Syndicate #5 Township of Bertie #1 (Status: Unknown) **Well ID: 27264 (26855),** F015187, Thomas DeMartile #3 W. Anthony Estate #1 (Status: Abandoned) **Well ID: 27286 (26879),** F015209, Chippawa Creek Gas Syndicate #4 – New York Central Railroads #3 (Status: Unknown) **Well ID: 27241 (26793),** F015183, Erie Prospecting Syndicate Welland Securities #2 (Status: Unknown) **Well ID: 27358 (26950),** F015274, Thomas DiMartile #5 – Thos DiMartile #2 (Status: Abandoned) **Well ID: 227347 (26960),** F015263, Thomas DiMartile #8 – T. DiMartile #5 (Status: Abandoned) **Well ID: 27356 (26948),** F015278, Kin Mar Syndicate #35 T.A. DiMartile #7 (Status: Abandoned) **Well ID: 27362 (26953)**

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Municipal Address	Property relationship to Site	Ontario Oil & Gas Well Records
Property #3 (Fort Erie Hills.)		
Not Available	Off-Site	**Twelve (12) OOGW Records:** See ERIS Map for exact locations. **Well ID: 27241 (26793**), **F015183** Erie Prospecting Syndicate Welland Securities #2 (Status: Unknown) **Well ID: 27238 (26791), F015180** Erie Prospecting Syndicate#1 – Welland Securities #4 (Status: Unknown) **Well ID: 27237 (26796), F015179** Star Gas Syndicate #1-John Barnes #1 (Status: Abandoned – Dry Hole) **Well ID: 27239 (26792), F015174** Ralph Side #3 – Welland Securities #3 (Status: Unknown) **Well ID: 27153 (26828), F015105** R.M. Snider #5 – Welland Securities #4 (Status: Unknown) **Well ID: 27236 (26822), F015178** Consumers Niagara Land Well#561 (Status: Abandoned - 1990) **Well ID: 27240(26797), F015182** Ralph M Snider#1 – Welland Securities Ltd. #1 (Status: Abandoned - 1951) **Well ID: 27249 (26821), F015184** Consumers' 562 Ralph Sider #2, Welland Securities #2 (Status: Abandoned-1962) **Well ID: 227286 (26879), F015209** Chippawa Gas Syndicate#4 – New York Central Railroads #3 (Status: Unknown) **Well ID: 6091, (8748), T009117** Eugene George #1 – Land & Mineral Rights Owner (Status: Active) **Well ID: 27239 (2790), F015181** Ralph Sider #1 Welland Securities #1 (Status: Unknown) **Well ID: 27264 (26855), F015187** Thomas DeMartile #3 W. Anthony Estate #1 (Status: Abandoned date unknown)
Property #4 (FCBB Lands Inc.)		
None	Site	**Two (2) OOGW Records:** **Well ID: 27178, (26756), F015131** - Kin Mar Syndicate – T.A. DiMartile #1, (Status: Abandoned – 1961) **Well ID: 27177, (26724), F015130** – Kin Mar Syndicate (Provincial #558) -Roy F. Wilson #1 (Status: Abandoned – 1965)

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Municipal Address	Property relationship to Site	Ontario Oil & Gas Well Records
Not Available	Off-Site	**Eight (8) OOGW Records:** See ERIS Map for exact locations. **Well ID: 27347 (26960**), **F015263** Thomas DiMartile #8 – T. DiMartile #5 (Status: Abandoned - 1962) **Well ID: 27356 (26948**), **F015272** Kin Mar Syndicate #35 T.A. DiMartile #7 (Status: Abandoned - 1957) **Well ID: 27355 (26947**), **F015271** Thomas DiMartile #9 – Thos. DiMartile #6 (Status: Abandoned - 1955) **Well ID: 271498 (26758**), **F015101** Kin Mar Syndicate – Roy F. Wilosn #3 (Status: Abandoned - 1965) **Well ID: 27360 (26952**), **F015276** Thomas DiMartile #7-T. DiMartile #4 (Status: Abandoned - 1962) **Well ID: 27150 (26759**), **F015102** Kin Mar Syndicate – R.F. Wilson #2 (Status: Unknown) **Well ID: 27179 (26761**), **F015132** Kin Mar Syndicate – T.A. DiMartile #1 (Status: Abandoned - 1955) **Well ID: 27662 (27159**), **F015558** Consumers 557 (King Mar Syn. 28) (Status: Abandoned - 1962)
Property #5 (FCBB Lands Inc.)		
None	Site	**Nine (9) OOGW Records:** See ERIS Map for exact locations. **Well ID: 27347, (26960) F015263** Thomas DiMartile#8 – T. DiMartile #5 (Status: Abandoned – 1962) **Well ID: 26356, (26948) F015272** Kin Mar Syndicate #35 T.A. DiMartile #7 (Status: Abandoned – 1957) **Well ID: 2358, (26950) F015274** Thomas DiMartile #5 – Thos. DiMartile #2 (Status: Abandoned – 1965) **Well ID: 27241, (26793) F015183** Erie Prospecting Syndicate Wellannd Securities #2 (Status: Unknown) **Well ID: 27238, (26791) F015180** Erie Prospecting Synd #1 Welland Securities #4(Status: Unknown) **Well ID: 27355, (26947) F015271** Thomas DiMartile #9 – Thos. DiMartile #6 (Status: Abandoned – 1955) **Well ID: 27360, (26952) F015263** Thomas DiMartile #7 – T. DiMartile #4 (Status: Abandoned – 1962) **Well ID: 27233, (26792) F015174** Ralph Side #3 Welland Securities #3 (Status: Unknown) **Well ID: 27237, (26796) F015179** Star Gas Syndicate #1 John Barnes #1 (Status: Abandoned – Dry Hole)

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Municipal Address	Property relationship to Site	Ontario Oil & Gas Well Records
Not Available	Off-Site	**Eleven (11) OOGW Records:** **Well ID: 27178 (26756)**, **F015131** Kin Mar Syndicte – T.A. DiMartile #1 (Status: Abandoned) **Well ID: 27359, (26951) F015275** Thomas DiMartile #6 – T. DiMartile # (Status: Abandoned – 1955) **Well ID: 27357, (26949) F015273** Thomas DiMartile #4 – T. DiMartile #1 (Status: Unknown) **Well ID: 27239, (26790) F015181** Ralph Sider #1 Welland Securities #1 (Status: Unknown) **Well ID: 27153, (26828) F015105** R.M. Sider #5 – Welland Securities #4 (Status: Unknown) **Well ID: 27236, (26822) F015178** Consumers Niagara Land Well #561 (Status: Abandoned – 1990) **Well ID: 27249, (26821) F015184** Consumers 562 Ralph Sider #2, Welland Securities #2 (Status: Abandoned – 1962) **Well ID: 27240, (26797) F015182** Ralph M Sider #1 Welland Securities #1 (Status: Abandoned – 1951) **Well ID: 27348, (26973) F015264** Ralph M. Sider #4 C. Towlson #1 (Status: Abandoned – 1967) **Well ID: 27177, (26724) F015130** Kin Mar Syndicate (Provincial #558) Roy F. Wilson #1 (Status: Abandoned – 1965) **Well ID: 27150, (26759) F015102** Kin Mar Syndicate – R.F. Wilson #2 (Status: Unknown)
Property #6 (2585908 Ontario Inc.)		
1047 Niagara River Parkway	Site	**One (1) OOGW Records:** **Well ID: 27348**, License: F015264, Sider, R.M., Ralph M. Sider #4 C. Towlson #1 (Status: Abandoned)
No Available	Off-Site	**Eight (8) OOGW Records:** **Well ID: 27360**, License: F015276, DiMartile, T.A. - Thomas DiMartile #7-T. DiMartile #4 (Status: Abandoned) **Well ID: 27355**, License: F015271, DiMartile, T.A. - Thomas DiMartile #9 - Thos. DiMartile #6 (Status: Abandoned) **Well ID: 27233**, License: F015174, Sider, R.M. - Ralph Side No.3 Welland Securities No.3 (Status: Unknown) **Well ID: 27240**, License: F015182, Sider, R.M. - Ralph M. Sider No.1 Welland Securities Ltd.No.1 (Status: Abandoned) **Well ID: 27153**, License: F015105, Sider, R.M. - R.M. Sider No. 5 - Welland Securities No. 4 (Status: Unknown) **Well ID: 27236**, License: F015178, The Consumers' Gas Company. Consumers Niagara Land Well No.561 (Status: Abandoned) **Well ID: 27249**, License: F015184, The Consumers' Gas Company. Consumers' 562 Ralph Sider No.2, Welland Securities No.2(Status: Abandoned) **Well ID: 27177**, License: F015130, Kin Mar Syndicate Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1 (Status: Abandoned)

OOGW = Ontario Oil and Gas Wells

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3.4.2 Oil, Gas and Salt Resources Library

NSSL accessed the Oil, Gas, and Salt Resources Library (OGSRL) website for details on the status of oil and gas wells and other specific information. Table 3 presents the findings of gas well data for each property land within the 100 m radius of the Site. Further gas well information is provided in Appendices A and B and on Figures 2 and 3.

Table 3: Gas Well Findings from OGSRL

License Number	Well ID	Well Type	Well Status Mode	Total Depth (m)	Gas Volume (1000m^3)	Pressure (kPa)	SPUD_ Date	Plugging-E
Property #1 North (Hert Inc.)								
F015102	27150	Natural Gas Well	Unknown	236.22	0.85	1241.06	1952/07/15	NULL
F015131	27178	Natural Gas Well	Abandoned Well	233.17	0.42	930.79	1953/09/19	1962/08/31
F015272	27356	Dry Hole	Abandoned Well	266.70	NULL	NULL	1957/04/12	1957/06/24
Property #2 South (Hert Inc.)								
F015273	27357	Private Gas Well	Unknown	238.66	0.08	861.84	1949/02/02	NULL
F015275	27359	Natural Gas Well	Abandoned Well	237.74	1.47	1551.32	1949/04/22	1955/07/20
F015181	27239	Natural Gas Well	Unknown	242.93	0.99	1999.48	1948/09/18	NULL
T009117	*6091*	Private Gas Well	Active Well	256.00	NULL	NULL	1947/12/10	NULL
F015274	27358	Natural Gas Well	Abandoned Well	241.40	0.42	1206.58	1949/03/14	1965/09/15
F015183	27241	Natural Gas Well	Unknown	214.88	0.99	1999.48	NULL	NULL
F015272	27356	Dry Hole	Abandoned Well	266.70	NULL	NULL	1957/04/12	1957/06/24
Property #3 (Fort Erie Hills)								
F015209	27286	Natural Gas Well	Unknown	253.29	NULL	NULL	1949-09-07	NULL
Property #4 North (FCBB Lands Inc.)								
F015101	27149	Natural Gas Well	Abandoned Well	263.65	0.42	1034.21	1952/08/19	1965/08/12
F015130	27177	Natural Gas Well	Abandoned Well	252.37	0.48	1206.58	1951/09/26	1965/08/11
F015131	27178	Natural Gas Well	Abandoned Well	233.17	0.42	930.79	1953/09/19	1962/08/31
F015558	27662	Natural Gas Well	Abandoned Well	236.22	NULL	NULL	1952/07/15	1962/11/14
F015132	27179	Natural Gas Well	Abandoned Well	233.48	NULL	NULL	1952/11/01	1955/07/25
Property #5 South (FCBB Lands Inc.)								
F015275	27359	Natural Gas Well	Abandoned Well	237.74	1.47	1551.32	1949/04/22	1955/07/20

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License Number	Well ID	Well Type	Well Status Mode	Total Depth (m)	Gas Volume (1000m³)	Pressure (kPa)	SPUD_ Date	Plugging-E
F015274	27358	Natural Gas Well	Abandoned Well	241.40	0.42	1206.58	1949/03/14	1965/09/15
F015183	27241	Natural Gas Well	Unknown	214.88	0.99	1999.48	NULL	NULL
F015272	27356	Dry Hole	Abandoned Well	266.70	NULL	NULL	1957/04/12	1957/06/24
F015263	27347	Natural Gas Well	Abandoned Well	243.84	0.74	1206.58	1949/06/16	1962/11/21
F015174	27233	Natural Gas Well	Unknown	243.84	0.99	1999.48	1949/04/04	NULL
F015179	27237	Dry Hole	Abandoned Well	295.66	0.00	NULL	1947-12-14	NULL
F015180	27238	Natural Gas Well	Unknown	249.02	0.85	1447.90	1951/02/10	NULL
F015271	27355	Natural Gas Well	Abandoned Well	234.09	NULL	1206.58	1949/07/20	1955/07/28
F015276	27360	Natural Gas Well	Abandoned Well	249.94	0.42	1551.32	1949/05/18	1962/11/20
F015178	27236	Natural Gas Well	Abandoned Well	NULL	NULL	NULL	NULL	1990-01-11
F015105	27153	Natural Gas Well	Unknown	254.51	1.02	1585.79	1951-08-13	NULL
Property #6 (2585908 Ontario Inc.)								
F015276	27360	Natural Gas Well	Abandoned Well	249.94	0.42	1551.32	1949/05/18	1962/11/20
F015264	27348	Natural Gas Well	Abandoned Well	241.71	18.36	NULL	1950/01/01	1967/07/11

NULL: No data available

All wells in the study area produce natural gas, as reported by OGSRL. Approximately 61% or 14 of the wells are classified as 'Abandoned' or officially plugged and abandoned, while 35% or eight wells have an 'Unknown' status, with no information on their condition in Ministry records. Only 4%, or one well, is currently 'Active.' The depths of the gas wells range from 214.88 to 266.7 metres below ground surface (m bgs). The gas wells were recorded as drilled between 1947 and 1957, with some being plugged between 1955 and 1967.

3.5 Physical Setting Sources

3.5.1 Topography, Hydrology, and Geology

A review of the Ministry of Northern Development and Mines, Geology Ontario Spatial Search tool as well as “Quaternary Geology of Southern Ontario”, Map 2556, showing the Quaternary Geology of Ontario, Southern Sheet” indicates that the Site is characterized by Glaciolacustrine deposits, consisting of silt and clay, and minor sand of basin and quiet water deposit. Map 2544, “Bedrock Geology of Ontario” Southern Sheet, indicates that the underlying bedrock consists of Salina formation (limestone, dolostone, shale, sandstone, gypsum and salt) in the Upper Silurian. Bedrock Topography Series P2403 (Welland-Fort Erie Area) depicts that the bedrock is located approximately 6.36 meters below the ground surface (bgs). Depth

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to groundwater was recorded to be between 6.7 – 7.9 m bgs based on a review of well records and historical boreholes within the study area. The Site elevation ranges between 176 and 186 m above sea level (masl).

The gas wells are situated in the Welland Pool (Gas reservoir), which is comprised of the Trenton and Black River Formations from the Ordovician period and encompasses the Irondequoit, Grimsby and Rochester Formations (OGSRL, 2024). These carbonate and dolomitic formations serve as significant natural gas reservoirs due to their high porosity and permeability. The Niagara Basin is favorable for hydrocarbon accumulation because of its sedimentary geology and tectonic features, including anticlines and faults. This region has been instrumental in natural gas production in Ontario.

The Oil & Gas Well Study Property land cover is characterized by a dominant forest area in the middle, north/northeast and east central and central west of the Site, followed by agricultural fields on the north/northwest and west of the Site. Frenchman's Creek meanders throughout the Site. Runoff would be directed towards the Frenchman's creek. The Site was noted to be relatively flat. The groundwater flow direction is inferred to be northeast due to the location of the Frenchman's Creek and Niagara River, and a review of the elevations and hydrogeology of the area.

3.5.2 Water Bodies and Areas of Natural Significance

The Site encompasses a portion of the Frenchman's Creek and is part of the Frenchman's Creek Wetland Complex. The Niagara River flows approximately 100 m to the north, approximately 100 m east beyond the eastern boundary of the Site. The mouth of Lake Erie is approximately 4.8 km to the southeast. The Ontario Watershed Information Tool (NPCA) map shows that the study area is in the sub-watershed of the Fort Erie Frenchman's Creek (approximately 17 km^2) area. According to the NPCA Water Quality Monitoring Program: 2017 Report, Frenchman Creek received a marginal Water Quality Index (WQI) rating and an impaired BioMap rating. This water quality assessment was attributed to elevated levels of chloride, phosphorus, total suspended solids, zinc, and E. coli, which were traced back to historic agricultural land use runoff. Frenchman's Creek wetland is designated as provincially significant and featured in the 2012 Watershed Report Card (NCPA, 2012), which identified spotted turtles (listed as provincially and nationally endangered species), as well as 25 Species at Risk, including the Fowler's Toad and Eastern Milk snake. Based on the NPCA Watershed Plan for Fort Erie https://npca.ca/images/uploads/common/NPCA-Watershed-Plan-Fort-Erie-Creeks_Figures-Technical.pdf), the Property is considered a sensitive area along the creek corridor throughout the Site and within the forested areas.

3.5.3 Water Well Records

The study area is partially serviced by municipal drinking water and wastewater systems; however, domestic wells are known to be in operation within the Fort Erie area. Well records can contain descriptive information pertaining to an area's hydrogeological and geological characteristics. Several well records were propagated during the database search on the Ontario Well Records Map and the ERIS database (BORE) records for Water Wells (WWIS); see Appendix C.

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4.0 SITE VISIT

4.1 General Requirements

Site reconnaissance of the Oil and Gas Well Study was conducted on January 30th, 2025, by NSSL field technicians Helen Pimentel and Jacob Toldi, and project manager Sue Narsted under the direction of Philip Adene, P.Geo/QP_{ESA}. The weather conditions were sunny with clouds, calm winds and temperatures of approximately -7 °C. A photo log is provided in Appendix D.

4.2 Specific Observations of the Oil and Gas Wells

Table 4 summarizes the general observations made at the Site based on NSSL's Site reconnaissance.

Table 4: Results of Site reconnaissance by NSSL

Item	Specific Observation
General Site Description	Seasonal observation, snow-covered cropped fields and wooded areas, and an ice-covered pond were found in property #1. Some areas in the northern strip are covered in grass and low brush. Frenchman's Creek system was found running across the Site. The Site is surrounded by residential, commercial and industrial land uses.
Gas Well and Associated structures	Some gas wells, open and plugged casings, pipelines, and other structures were found close to the OGSRL reported coordinates. In some cases, no well or partd of them were found.
Staining and corrosion	Signs of corrosion were observed in the potential casing and part of the well heads, and pipes.
Areas of Stained Soil, Vegetation, Pavement, and Stressed Vegetation	The entire site was covered in snow, except for the creek channel; however, no stained soil, vegetation, or pavement was observed.
Details of Well casings	Steel casings were found open and containing water or snow. The casings were noted above the surface, ranging approximately from 0.5 to 1.0 meters in height.
Gas Detector measurement	No Methane concentration was detected using the Eagle gas detector on the open casings.
Other	A potential wellhead was discovered in Frenchman's Creek, on the south side of the channel.
Surrounding Properties within the Site	Residential, Commercial, and industrial land uses.

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5.0 REVIEW AND EVALUATION OF INFORMATION

Niagara Soil Solutions Ltd. identified Gas wells located near and on Frenchman Creek, in residential properties (backyards), agricultural fields, forests, and an industrial site. Two potential gas wells were found with visible signs of corrosion and open, standing casing. Most of the structures found show signs of corrosion and damage. Additionally, pipelines, buried drums, and a presumed covered tank with a concrete slab were noted near the gas well coordinates provided by OGSRL. It is important to note that the locations provided by OGSRL are not accurate and have a 50-meter error radius. Six gas well locations are pending inspection due to weather conditions. See Table 5, Figure 4 and Appendix D for well details.

Table 5: Gas Well Status

License Number	Coordinates (OGSRL)	Coordinates (NSSL)	Land Use (75 m radius)	Well Status (OGSRL)	Site Visit Well Status (NSSL)	Well or Associated Structure Status (NSSL Visit)
Property #1 North (Hert Inc.)						
F015102	668141E, 4757008N	668160E, 4757055N	Backyard of dwelling	Unknown	Found	Standing Pipes with signs of potential corrosion within a 50m margin of the OGSRL coordinates.
Unknown	NA	667996E, 4756979N	Agricultural field	Unknown	Found	Presumed Natural Gas Well. Visible casing containing a T-pole inside it, signs of potential corrosion Not identified as a gas well – suspected water well from historical farm use.
F015131*	668315E, 4756697N	668315E, 4756697N	Forest, 35 m from an agricultural field	Abandoned	Found	Casing at ground level with two T-poles inside
F015272*	668128E, 4756355N	668128E, 4756355N	Forest and nearby Frenchman's Creek	Abandoned	Not Found	Metallic T poles were observed in the bank of Frenchman's Creek, within 50m of the OGSRL coordinates
Property #2 South (Hert Inc.)						
F015273	667849E, 4756203N	667849E, 4756203N	Forest area	Unknown	Not Found	Buried metallic drum with unknown contents and signs of corrosion at coordinates (667855E, 4756199N), within 50m of the OGSRL coordinates
F015275	668035E, 4756119N	NA	Forest area, 70 m from Frenchman Creek	Abandoned	Not Found	NA
F015181	667882E, 4755895N	PV	PV	Unknown	PV	PV
T009117*	667692E, 4755856N	NA	In a private property with buildings	Active	Found	Active well with pumpjack observed, west view. No access to this private site.
F015274*	668157E, 4756128N	PV	PV	Abandoned	PV	PV

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License Number	Coordinates (OGSRL)	Coordinates (NSSL)	Land Use (75 m radius)	Well Status (OGSRL)	Site Visit Well Status (NSSL)	Well or Associated Structure Status (NSSL Visit)
F015183*	668183E, 4755867N	PV	PV	Unknown	PV	PV
F015272*	668128E, 4756355N	NA	Forest and nearby Frenchman's Creek	Abandoned	Not Found	Metallic T poles were observed in the bank of Frenchman's Creek, within 50m of the OGSRL coordinates
Property #3 (Fort Erie Hills)						
F015209	667793E, 4755483N	PP	PP	Unknown	PP	PP
Property #4 North (FCBB Lands Inc.)						
F015101	4756855E, 668469N	NA	Forest	Abandoned	Not Found	NA
F015130	668718E, 4756635N	668718E, 4756635N	Forest and 20 m from a residential property boundary	Abandoned	Found	A concrete slab with unknown contents beneath it, potentially connected to a broken metallic pipeline, within 50m of the OGSRL coordinates
F015131	668315E, 4756697N	668315E, 4756697N	Forest, 35 m from an agricultural field	Abandoned	Found	Casing at ground level with two T-poles inside
F015558*	668681E, 4756818N	NA	within residential buildings	Abandoned	Not Found	NA
F015132*	668500E, 4757004N	NA	Within a residential property	Abandoned	Not Found	NA
Property #5 South (FCBB Lands Inc.)						
F015274	668157E, 4756128N	PV	PV	Abandoned	PV	PV
F015183	668183E, 4755867N	PV	PV	Unknown	PV	PV
F015272	668128E, 4756355N	668128E, 4756355N	Forest and nearby Frenchman's Creek	Abandoned	Not Found	Metallic T poles were observed in the bank of Frenchman's Creek, within 50m of the OGSRL coordinates
F015263	668260E, 4756295N	668145E, 4756342N	In the Frenchman's Creek bank	Abandoned	Found	Deteriorated wellhead casing with signs of corrosion and staining, located at the back of the creek. Surface and intermediate casings were observed
F015174	668873E, 4755928N	NA	Forest	Unknown	Not Found	NA
F015179	668816E, 4755775N	PV	PV	Abandoned	PV	PV
F015180	668546E, 4755890N	PV	PV	Unknown	PV	PV
F015271	668731E, 4756331N	PV	PV	Abandoned	PV	PV
F015276	668794E, 4756167N	NA	70 m from an agricultural field	Abandoned	Not Found	NA

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License Number	Coordinates (OGSRL)	Coordinates (NSSL)	Land Use (75 m radius)	Well Status (OGSRL)	Site Visit Well Status (NSSL)	Well or Associated Structure Status (NSSL Visit)
F015178*	668964E, 4755855N	PP	PP	Abandoned	PP	PP
F015105*	668944E, 4755855N	PP	PP	Unknown	PP	PP
F015275*	668035E, 4756119N	NA	Forest area, 70 m from Frenchman Creek	Abandoned	Not Found	NA
Unknown *	NA	668925E, 4755940N	Within the Wastewater Treatment Plant property	Abandoned	Found	Presumed Natural Gas Well. Visible casing containing liquid substance inside it, signs of corrosion. Potential Well F015174, within 50m of the OGSRL coordinates
Property #6 (2585908 Ontario Inc.)						
F015264	668794E, 4756167N	NA	Located in Vacant property #6	Abandoned	Not Found	NA
F015276*	668794E, 4756167N	NA	70 m from an agricultural field	Abandoned	Not Found	NA

Coordinates: NAD83 UTM Zone 17T.
Found: Coordinates within 50m margin
NA: No Applicable.
*Gas Well located not at property#1 but within 100m radius.
PV: Pending Visit
PP: No Access to Private Property

Methane readings were conducted using an Eagle gas reader on the open gas well casings; however, no readings were detected. No evidence of leakage was observed during the site visit.

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6.0 CONCLUSIONS

Niagara Soils Solutions Ltd. documented fourteen gas wells that have been abandoned or plugged, occurring between 58 and 70 years ago, and eight gas wells that were recorded with an unknown status. It is plausible that the plugs may have degraded over time due to exposure. The un-decommissioned wells could pose a hazard to both the environment and public safety. The gas wells encountered in and around Frenchman's Creek may also need to be decommissioned and/or have their status revised by the Ministry, considering the area along the creek corridor and within the forested areas is identified as sensitive.

Based upon the researched information and site reconnaissance, NSSL recommends proper abandonment of the property wells be completed, under the Ontario Water Resources Act (O. Reg. 903), the OGSR Act, and Ontario Regulation 245/97 for operational and technical standards.

6.1 Closure

This report was prepared by Helen Pimentel under the direction of Philip Adene.

Respectively submitted,

Niagara Soils Solutions Ltd.



Helen Pimentel, BSc, ET
Environmental Technician



Philip Adene, P.Geo., QP_{ESA}
Professional Geoscientist

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7.0 REFERENCES

The following resources were used as references:

- Niagara Historical Maps, Data & GIS Collection
- Carter, T.R., Fortner, L.D., Russell, H.A.J., Skuce, M.E., Longstaffe, F.J., and Sun, S. (2021). A hydrostratigraphic framework for the Paleozoic bedrock of southern Ontario: Geoscience Canada, v. 48, p. 23–58, https://doi.org/10.12789/geocanj.2021.48.172.
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- Government of Ontario. (n.d.). Oil and Gas Wells in Ontario. Fact Sheet
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- Prescott, S. (n.d.). Influence of Regulation on Oil and Gas Well Abandonment Rates in Alberta, Canada
- Source Protection Information Atlas (MECP)

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8.0 LIMITATIONS AND USE OF THE REPORT

Achieving the objectives that are stated in this report has required Niagara Soils Solutions Ltd. to derive conclusions based upon the best and most recent information currently available to Niagara Soils Solutions Ltd. No investigative method can completely eliminate the possibility of obtaining partially imprecise information. Niagara Soils Solutions Ltd. has expressed professional judgement in gathering and analyzing the information obtained and in the formulation of its conclusions.

Information in this report was obtained from sources deemed to be reliable; however, no representation or warranty is made as to the accuracy of this information. To the best of Niagara Soils Solutions Ltd.'s knowledge, the information gathered from outside sources contained in this report on which Niagara Soils Solutions Ltd. has formulated its opinions and conclusions, are both true and correct. Niagara Soils Solutions Ltd. assumes no responsibility for any misrepresentation of facts gathered from outside sources.

This report was prepared to assess and document evidence of potential environmental contamination, and not to judge the acceptability of the risks associated with such environmental contamination. Much of the information gathered for this report is only accurate at the time of collection and a change in the Site conditions may alter the interpretation of Niagara Soils Solutions Ltd.'s findings. Furthermore, the reader should note that the Site reconnaissance described in this report was an environmental assessment of the Site, not regulatory compliance or an environmental audit of the Site.

Niagara Soils Solutions Ltd. prepared this Report for Bridgeburg Landowners Group Inc. The material in it reflects Niagara Soils Solutions Ltd.'s best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Niagara Soils Solutions Ltd. accepts no responsibility for damages, if any suffered by any third party as a result of decisions made or actions based on this report.

Yours very truly,
Niagara Soils Solutions Ltd.

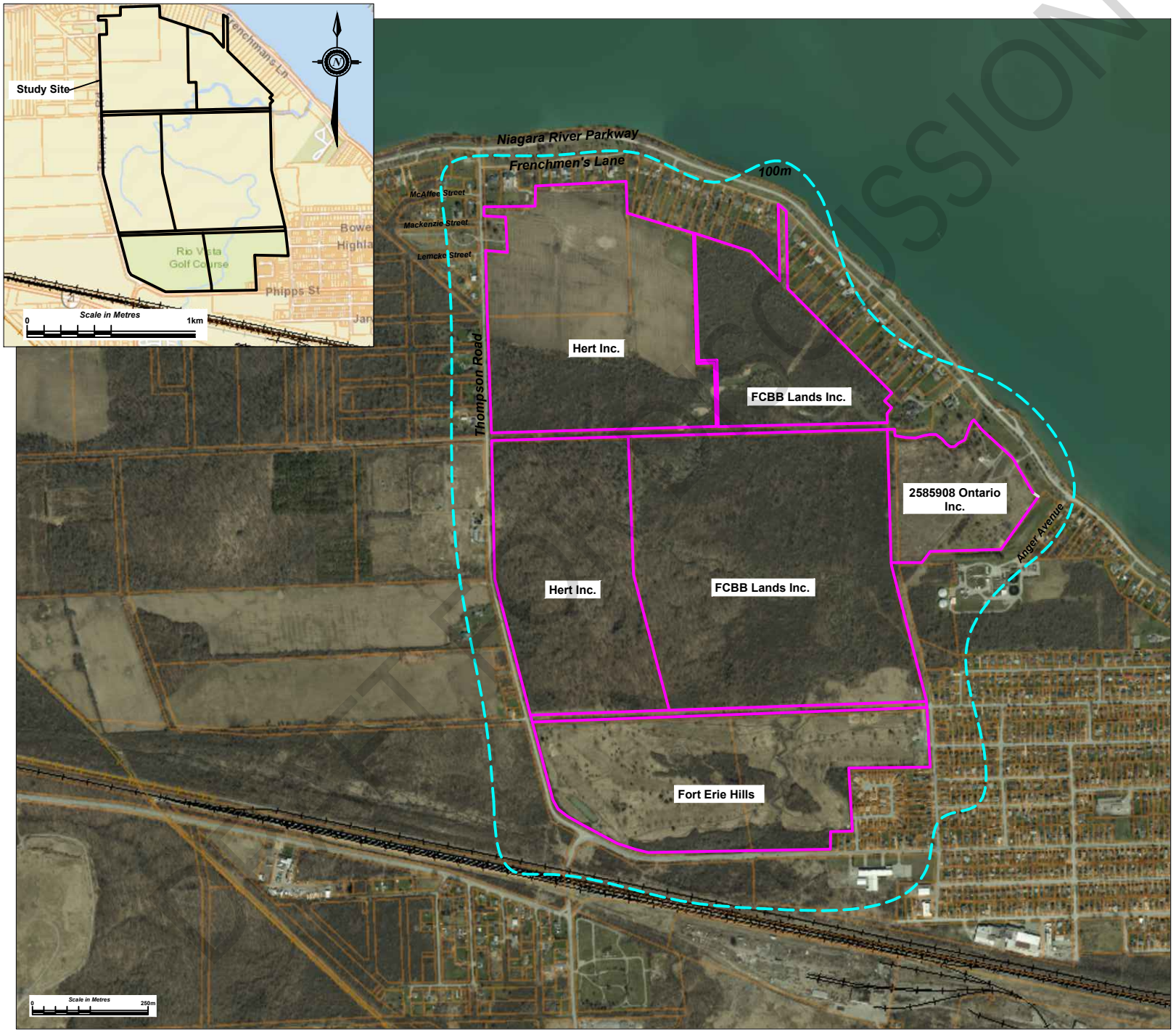
Jodie Glasier, H.BA, M.MM, EMA, EP
Founder & CEO

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FIGURES

1. SITE LOCATION
2. GAS WELL LOCATION (OGSRL DATA)
3. GAS WELL STATUS (OGSRL DATA)
4. POTENTIAL GAS WELL AND RELATED STRUCTURE LOCATIONS (NSSL VISIT)

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REFERENCE: BASE MAP PROVIDED BY NIAGARA NAVIGATOR, https://maps-beta.niagararegion.ca/Navigator/2023

N
W E
S

LEGEND

- Property Boundary
- 100 m Study Area
- Railway

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:
BRIDGEBURG LANDOWNERS GROUP INC.

PROJECT:

OIL AND GAS WELL STUDY
BRIDGEBURG NORTH LANDS
FORT ERIE, ON.

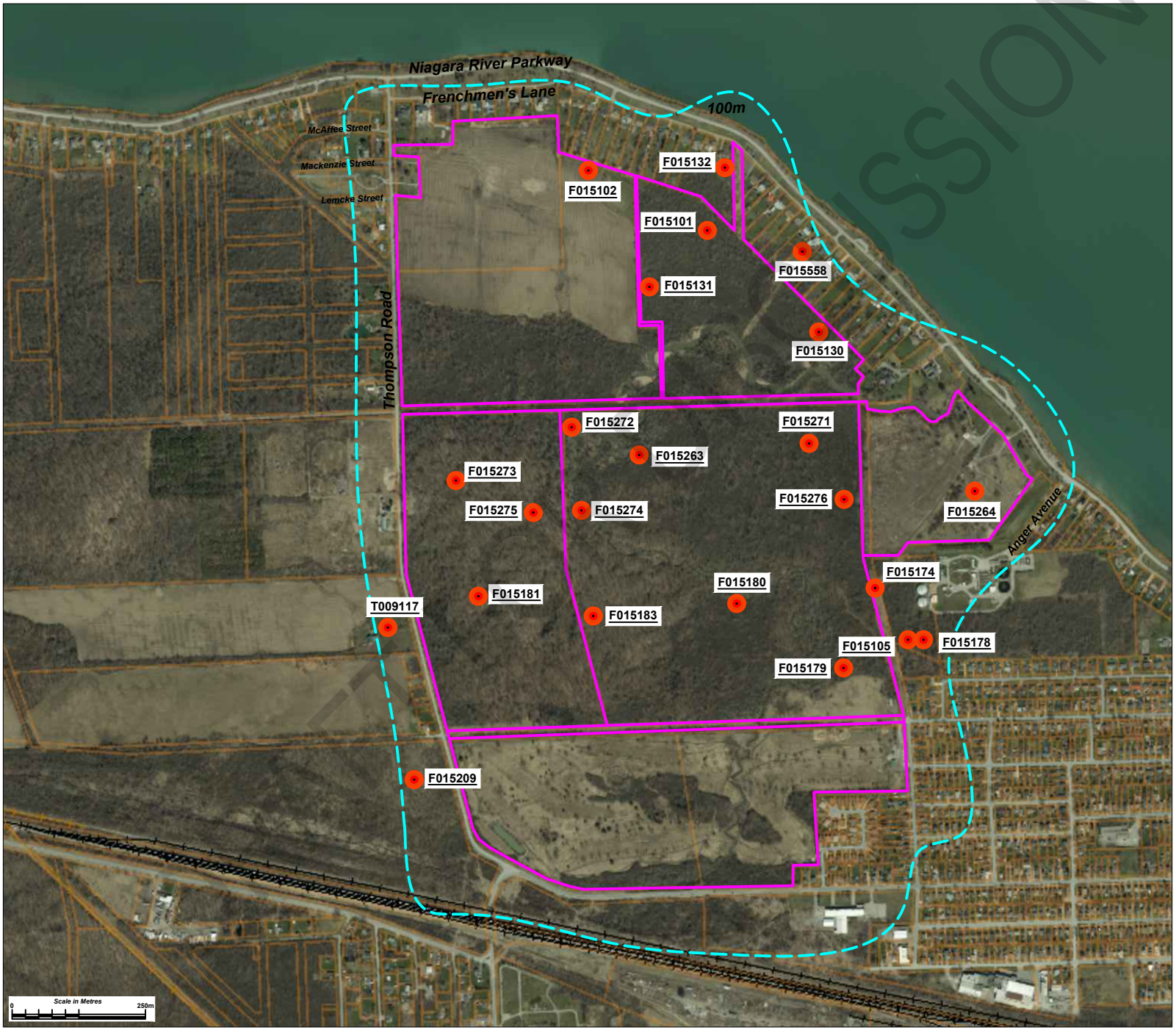
TITLE:

SITE LOCATION

DATE:	FEBRUARY 2025
PROJECT NO:	NS2504-9
SCALE:	AS SHOWN
DRAWN: CN	REVIEWED: PA
DATUM: NAD 83	PROJECTION: 17T

NO:

Figure 1



REFERENCE: BASE MAP PROVIDED BY NIAGARA NAVIGATOR, https://maps-beta.niagararegion.ca/Navigator/2023

N
W E
S

LEGEND

- Property Boundary
- Natural Gas Well
- 0000111 Gas Well License Number
- 100 m Study Area
- Railway

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:
BRIDGEBURG LANDOWNERS GROUP INC.

PROJECT:

OIL AND GAS WELL STUDY
BRIDGEBURG NORTH LANDS
FORT ERIE, ON.

TITLE:

GAS WELL LOCATIONS (OGSRL DATA)

DATE:	FEBRUARY 2025
PROJECT NO:	NS2504-9
SCALE:	AS SHOWN
DRAWN: CN	REVIEWED: PA
DATUM: NAD 83	PROJECTION: 17T

NO:

Figure 2



REFERENCE: BASE MAP PROVIDED BY NIAGARA NAVIGATOR, https://maps-beta.niagararegion.ca/Navigator/2023

N
W E
S

LEGEND

- Property Boundary
- 100 m Study Area
- Active Well
- Abandoned Well
- Unknown
- 0000111 Gas Well License Number
- Railway

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:
BRIDGEBURG LANDOWNERS GROUP INC.

PROJECT:
**OIL AND GAS WELL STUDY
BRIDGEBURG NORTH LANDS
FORT ERIE, ON.**

TITLE:
GAS WELL STATUS (OGSRL DATA)

DATE:	FEBRUARY 2025	
PROJECT NO:	NS2504-9	
SCALE:	AS SHOWN	
DRAWN:	CN	REVIEWED: PA
DATUM:	NAD 83	PROJECTION: 17T

NO:

Figure 3



REFERENCE: BASE MAP PROVIDED BY NIAGARA NAVIGATOR, https://maps-beta.niagararegion.ca/Navigator/2023

N
W E
S

LEGEND

- Property Boundary
- Potential Gas Well Related Structure
- Well not Found
- Potential Gas Well
- 100 m Study Area
- 0000111 Gas Well License Number
- Railway

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:
BRIDGEBURG LANDOWNERS GROUP INC.

PROJECT:
**OIL AND GAS WELL STUDY
BRIDGEBURG NORTH LANDS
FORT ERIE, ON.**

TITLE:
POTENTIAL GAS WELL AND RELATED STRUCTURE LOCATIONS (NSSL VISIT)

DATE:	FEBRUARY 2025		
PROJECT NO:	NS2504-9		
SCALE:	AS SHOWN		
DRAWN:	CN	REVIEWED:	PA
DATUM:	NAD 83	PROJECTION:	17T

NO:
Figure 4

APPENDIX A

GAS WELL CARDS (OGSRL)

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CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** INR
WELL NAME: Consumers Niagara Land Well No.561			**WELL ID:** F015178	**CLASS:**
OPERATOR: Consumers' Gas Company	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 181.70

KB ELEV: 182.00

TVD: PBTD:

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE:

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1990-01-11

COORDINATES

N/S BOUND: 182.36 N

E/W BOUND: 35.36 E

NAD 83

SURF LAT: 42.93661639
SURF LONG: -78.92918444

BOT LAT: 42.93661639
BOT LONG: -78.92918444

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 20 metres	Well Records (1954 to 1997)

Some content could not be displayed because it requires a member login

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CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 8	**CON:** IIINR
WELL NAME: Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3			**WELL ID:** F015209	**CLASS:** DEV
OPERATOR: Chippawa Creek Gas Syndicate	**Target:** CLI		**STATUS:** GS - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 185.00

KB ELEV: 185.31

TVD: 253.29 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-09-29

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 106.68 S

E/W BOUND: 64.01 W

NAD 83

SURF LAT: 42.93351528
SURF LONG: -78.94364833

BOT LAT: 42.93351528
BOT LONG: -78.94364833

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:** 1	**LOT:** 9	**CON:** IIINR
WELL NAME: PRIVATE BERTIE 1-9-IIINR			**WELL ID:** T009117	**CLASS:** DEV
OPERATOR: ref_5964c2f977923498d5fdcbe13f0afb7b	**Target:** CLI		**STATUS:** PGP - ACT	

DRILLING DATA

RIG TYPE:

GRND ELEV: 178.00

KB ELEV: 178.30

TVD: 256.00 **PBTD:**

DATES

LICENCE ISSUED: 1947-12-10

SPUD DATE:

TD DATE: 1948-04-12

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 119.48 N

E/W BOUND: 29.87 W

NAD 83

SURF LAT: 42.93689250
SURF LONG: -78.94477944

BOT LAT: 42.93689250
BOT LONG: -78.94477944

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Thomas DiMartile #7-T. DiMartile #4			**WELL ID:** F015276	**CLASS:** DEV
OPERATOR: DiMartile, T.A.	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 178.00

KB ELEV: 178.30

TVD: 249.94 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-06-12

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1962-11-20

COORDINATES

N/S BOUND: 106.68 N

E/W BOUND: 1066.80 E

NAD 83

SURF LAT: 42.93944944
SURF LONG: -78.93118889

BOT LAT: 42.93944944
BOT LONG: -78.93118889

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Thomas DiMartile #6-T. DiMartile #3			**WELL ID:** F015275	**CLASS:** DEV
OPERATOR: DiMartile, T.A.	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 177.00

KB ELEV: 176.31

TVD: 237.74 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-05-15

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1955-07-20

COORDINATES

N/S BOUND: 106.68 N

E/W BOUND: 304.80 E

NAD 83

SURF LAT: 42.93918694
SURF LONG: -78.94050028

BOT LAT: 42.93918694
BOT LONG: -78.94050028

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Thomas DiMartile #5-Thos DiMartile #2			**WELL ID:** F015274	**CLASS:** DEV
OPERATOR: The Consumers' Gas Company	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 175.00

KB ELEV: 175.31

TVD: 241.40 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-04-20

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1965-09-15

COORDINATES

N/S BOUND: 106.68 N

E/W BOUND: 426.72 E

NAD 83

SURF LAT: 42.93923556
SURF LONG: -78.93899861

BOT LAT: 42.93923556
BOT LONG: -78.93899861

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: PRIVATE BERTIE 10-IINR			**WELL ID:** F015273	**CLASS:** DEV
OPERATOR: ref_9cfbe6f367728f36a0264553a6278b5b	**Target:** CLI		**STATUS:** PGP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 179.00

KB ELEV: 179.30

TVD: 238.66 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-03-10

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 198.12 N

E/W BOUND: 121.92 E

NAD 83

SURF LAT: 42.93997917
SURF LONG: -78.94274417

BOT LAT: 42.93997917
BOT LONG: -78.94274417

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Kin Mar Syndicate #35 T.A. DiMartile #7			**WELL ID:** F015272	**CLASS:** DEV
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** DH - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 175.00

KB ELEV: 175.31

TVD: 266.70 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1957-11-03

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1957-06-24

COORDINATES

N/S BOUND: 45.72 S

E/W BOUND: 411.48 E

NAD 83

SURF LAT: 42.94129056
SURF LONG: -78.93927917

BOT LAT: 42.94129056
BOT LONG: -78.93927917

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 20 metres	Well Records (1954 to 1997)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Thomas KiMartile #9 - Thos. DiMartile #6			**WELL ID:** F015271	**CLASS:** DEV
OPERATOR: DiMartile, T.A.	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 176.00

KB ELEV: 176.31

TVD: 234.09 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-08-13

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1955-07-28

COORDINATES

N/S BOUND: 274.32 N

E/W BOUND: 106.68 W

NAD 83

SURF LAT: 42.94093389
SURF LONG: -78.93191056

BOT LAT: 42.94093389
BOT LONG: -78.93191056

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** INR
WELL NAME: Ralph M. Sider #4 C. Towlson #1			**WELL ID:** F015264	**CLASS:**
OPERATOR: Sider, R.M.	**Target:**		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 177.00

KB ELEV: 177.31

TVD: 241.71 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1950-01-01

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1967-07-11

COORDINATES

N/S BOUND: 155.45 N

E/W BOUND: 246.89 E

NAD 83

SURF LAT: 42.93998917
SURF LONG: -78.92731056

BOT LAT: 42.93998917
BOT LONG: -78.92731056

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 10	**CON:** IINR
WELL NAME: Thomas Dimartile #8 - T. DiMartile #5			**WELL ID:** F015263	**CLASS:** DEV
OPERATOR: DiMartile, T.A.	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 175.00

KB ELEV: 175.31

TVD: 243.84 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-07-13

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1962-11-21

COORDINATES

N/S BOUND: 121.92 S

E/W BOUND: 539.50 E

NAD 83

SURF LAT: 42.94071500
SURF LONG: -78.93768056

BOT LAT: 42.94071500
BOT LONG: -78.93768056

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** IINR
WELL NAME: Erie Prospecting Syndicate Welland Securities No.2			**WELL ID:** F015183	**CLASS:**
OPERATOR: Sider, R.M.	**Target:** CLI		**STATUS:** GP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 181.00

KB ELEV: 181.30

TVD: 214.88 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE:

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 152.40 S

E/W BOUND: 405.38 E

NAD 83

SURF LAT: 42.93688417
SURF LONG: -78.93876056

BOT LAT: 42.93688417
BOT LONG: -78.93876056

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 200 metres	

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** IINR
WELL NAME: Ralph Sider No.1 Welland Securities No.1			**WELL ID:** F015181	**CLASS:**
OPERATOR: Sider, R.M.	**Target:** CLI		**STATUS:** GP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 181.00

KB ELEV: 181.30

TVD: 242.93 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1948-11-22

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 109.73 S

E/W BOUND: 115.82 E

NAD 83

SURF LAT: 42.93720500
SURF LONG: -78.94243972

BOT LAT: 42.93720500
BOT LONG: -78.94243972

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** IINR
WELL NAME: Erie Prospecting Synd. No.1 Welland Securities No.4			**WELL ID:** F015180	**CLASS:**
OPERATOR: Erie Prospecting Syndicate	**Target:** CLI		**STATUS:** GP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 179.00

KB ELEV: 179.30

TVD: 249.02 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1951-03-17

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 150.00 S

E/W BOUND: 348.00 W

NAD 83

SURF LAT: 42.93701056
SURF LONG: -78.93429944

BOT LAT: 42.93701056
BOT LONG: -78.93429944

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** IINR
WELL NAME: Star Gas Syndicate No.1 John Barnes No.1			**WELL ID:** F015179	**CLASS:**
OPERATOR: Star Gas Syndicate	**Target:** CLI		**STATUS:** DH - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 179.00

KB ELEV: 179.30

TVD: 295.66 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1948-02-02

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1948-10-25

COORDINATES

N/S BOUND: 289.60 N

E/W BOUND: 133.20 W

NAD 83

SURF LAT: 42.93591611
SURF LONG: -78.93103194

BOT LAT: 42.93591611
BOT LONG: -78.93103194

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 9	**CON:** IINR
WELL NAME: Ralph Side No.3 Welland Securities No.3			**WELL ID:** F015174	**CLASS:**
OPERATOR: Sider, R.M.	**Target:** CLI		**STATUS:** GP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 180.50

KB ELEV: 180.80

TVD: 243.84 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-06-11

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 137.16 S

E/W BOUND: 15.24 W

NAD 83

SURF LAT: 42.93727611
SURF LONG: -78.93028306

BOT LAT: 42.93727611
BOT LONG: -78.93028306

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 3	**CON:** FCC
WELL NAME: Kin Mar Syndicate -T.A. DiMartile No.1			**WELL ID:** F015131	**CLASS:**
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 176.00

KB ELEV: 176.30

TVD: 233.17 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1953-10-19

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1962-08-31

COORDINATES

N/S BOUND: 257.00 N

E/W BOUND: 214.00 E

NAD 83

SURF LAT: 42.94432500
SURF LONG: -78.93688583

BOT LAT: 42.94432500
BOT LONG: -78.93688583

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 2	**CON:** FCC
WELL NAME: Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1			**WELL ID:** F015130	**CLASS:**
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE: Cable

GRND ELEV: 178.61

KB ELEV: 178.91

TVD: 252.37 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1951-10-22

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1965-08-11

COORDINATES

N/S BOUND: 179.00 N

E/W BOUND: 236.00 W

NAD 83

SURF LAT: 42.94367889
SURF LONG: -78.93196889

BOT LAT: 42.94367889
BOT LONG: -78.93196889

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 3	**CON:** FCC
WELL NAME: Kin Mar syndicate - R.F. Wilson No. 2			**WELL ID:** F015102	**CLASS:**
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** GP - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 177.00

KB ELEV: 177.30

TVD: 236.22 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1952-08-12

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 582.00 N

E/W BOUND: 55.00 E

NAD 83

SURF LAT: 42.94716278
SURF LONG: -78.93892833

BOT LAT: 42.94716278
BOT LONG: -78.93892833

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 3	**CON:** FCC
WELL NAME: Kin Mar Syndicate - Roy F. Wilson No. 3			**WELL ID:** F015101	**CLASS:**
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 176.17

KB ELEV: 176.47

TVD: 263.65 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1952-09-19

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1965-08-12

COORDINATES

N/S BOUND: 414.00 N

E/W BOUND: 72.00 W

NAD 83

SURF LAT: 42.94570778
SURF LONG: -78.93495778

BOT LAT: 42.94570778
BOT LONG: -78.93495778

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 3	**CON:** FCC
WELL NAME: Kin Mar Syndicate - T.A. DiMartile No. 1			**WELL ID:** F015132	**CLASS:**
OPERATOR: Kin Mar Syndicate	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 175.00

KB ELEV: 175.30

TVD: 233.48 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1952-11-21

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1955-07-25

COORDINATES

N/S BOUND: 565.00 N

E/W BOUND: 30.00 W

NAD 83

SURF LAT: 42.94704889
SURF LONG: -78.93453556

BOT LAT: 42.94704889
BOT LONG: -78.93453556

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 2	**CON:** FCC
WELL NAME: Consumers 557 (King Mar Syn. #28)			**WELL ID:** F015558	**CLASS:** DEV
OPERATOR: The Consumers' Gas Company	**Target:** CLI		**STATUS:** GP - ABD	

DRILLING DATA

RIG TYPE:

GRND ELEV: 174.00

KB ELEV: 174.31

TVD: 236.22 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1952-08-12

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE: 1962-11-14

COORDINATES

N/S BOUND: 377.95 N

E/W BOUND: 143.00 E

NAD 83

SURF LAT: 42.94533056
SURF LONG: -78.93236944

BOT LAT: 42.94533056
BOT LONG: -78.93236944

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

CTY: Welland	**TWP:** Bertie	**TRACT:**	**LOT:** 8	**CON:** IIINR
WELL NAME: Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3			**WELL ID:** F015209	**CLASS:** DEV
OPERATOR: Chippawa Creek Gas Syndicate	**Target:** CLI		**STATUS:** GS - UNK	

DRILLING DATA

RIG TYPE:

GRND ELEV: 185.00

KB ELEV: 185.31

TVD: 253.29 **PBTD:**

DATES

LICENCE ISSUED:

SPUD DATE:

TD DATE: 1949-09-29

COMPLETE DATE:

WORKOVER DATE:

PLUG DATE:

COORDINATES

N/S BOUND: 106.68 S

E/W BOUND: 64.01 W

NAD 83

SURF LAT: 42.93351528
SURF LONG: -78.94364833

BOT LAT: 42.93351528
BOT LONG: -78.94364833

SAMPLES

TRAY:

POOL

Welland Pool

FORMATION	TOP	TVD	ELEV

LOCATION COMMENTS

DATE	ACCURACY	METHOD OBTAINED
	Within 50 metres	Well Records (1921 to 1954)

Some content could not be displayed because it requires a member login

DRAFT FOR DISCUSSION

APPENDIX B

GAS WELL DATABASE (OGSRL)

DRAFT FOR DISCUSSION

OIL, GAS AND SALT RESOURCE LIBRARY OIL AND GAS WELL DATABASE

LIC_ NUMBER	WELL_ID	FULL_NAME	UWI_CODE	CUR_STATUS	IS_CHILD	OPERATOR	CLASS	TARGET	PURPOSE
F015101	27149	Kin Mar Syndicate - Roy F. Wilson No. 3, Bertie - 3 - FCC	F015101	GP - ABD	false	Kin Mar Syndicate	NULL	CLI	Natural Gas Well
F015102	27150	Kin Mar syndicate - R.F. Wilson No. 2, Bertie - 3 - FCC	F015102	GP - UNK	false	Kin Mar Syndicate	NULL	CLI	Natural Gas Well
F015105	27153	R.M. Sider No. 5 - Welland Securities No. 4, Bertie - 9 - INR	F015105	GP - UNK	false	Sider, R.M.	NULL	CLI	Natural Gas Well
F015130	27177	Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1, Bertie - 2 - FCC	F015130	GP - ABD	false	Kin Mar Syndicate	NULL	CLI	Natural Gas Well
F015131	27178	Kin Mar Syndicate -T.A. DiMartile No.1, Bertie - 3 - FCC	F015131	GP - ABD	false	Kin Mar Syndicate	NULL	CLI	Natural Gas Well
F015132	27179	Kin Mar Syndicate - T.A. DiMartile No. 1, Bertie - 3 - FCC	F015132	GP - ABD	false	Kin Mar Syndicate	NULL	CLI	Natural Gas Well
F015174	27233	Ralph Side No.3 Welland Securities No.3, Bertie - 9 - IINR	F015174	GP - UNK	false	Sider, R.M.	NULL	CLI	Natural Gas Well
F015178	27236	Consumers Niagara Land Well No.561, Bertie - 9 - INR	F015178	GP - ABD	false	Consumers' Gas Company	NULL	CLI	Natural Gas Well
F015179	27237	Star Gas Syndicate No.1 John Barnes No.1, Bertie - 9 - IINR	F015179	DH - ABD	false	Star Gas Syndicate	NULL	CLI	Natural Gas Well
F015180	27238	Erie Prospecting Synd. No.1 Welland Securities No.4, Bertie - 9 - IINR	F015180	GP - UNK	false	Erie Prospecting Syndicate	NULL	CLI	Natural Gas Well
F015181	27239	Ralph Sider No.1 Welland Securities No.1, Bertie - 9 - IINR	F015181	GP - UNK	false	Sider, R.M.	NULL	CLI	Natural Gas Well
F015183	27241	Erie Prospecting Syndicate Welland Securities No.2, Bertie - 9 - IINR	F015183	GP - UNK	false	Sider, R.M.	NULL	CLI	Natural Gas Well
F015209	27286	Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3, Bertie - 8 - IIINR	F015209	GS - UNK	false	Chippawa Creek Gas Syndicate	DEV	CLI	Natural Gas Well
F015263	27347	Thomas Dimartile #8 - T. DiMartile #5, Bertie - 10 - IINR	F015263	GP - ABD	false	DiMartile, T.A.	DEV	CLI	Natural Gas Well
F015264	27348	Ralph M. Sider #4 C. Towlson #1, Bertie - 10 - INR	F015264	GP - ABD	false	Sider, R.M.	NULL	NULL	Natural Gas Well
F015271	27355	Thomas KiMartile #9 - Thos. DiMartile #6, Bertie - 10 - IINR	F015271	GP - ABD	false	DiMartile, T.A.	DEV	CLI	Natural Gas Well
F015272	27356	Kin Mar Syndicate #35 T.A. DiMartile #7, Bertie - 10 - IINR	F015272	DH - ABD	false	Kin Mar Syndicate	DEV	CLI	Natural Gas Well
F015273	27357	PRIVATE Bertie 10 - IINR	F015273	PGP - UNK	false	ref_9cfbe6f367728f36a0264553a6278b5b	DEV	CLI	Private Gas Well
F015274	27358	Thomas DiMartile #5-Thos DiMartile #2, Bertie - 10 - IINR	F015274	GP - ABD	false	The Consumers' Gas Company	DEV	CLI	Natural Gas Well
F015275	27359	Thomas DiMartile #6-T. DiMartile #3, Bertie - 10 - IINR	F015275	GP - ABD	false	DiMartile, T.A.	DEV	CLI	Natural Gas Well
F015276	27360	Thomas DiMartile #7-T. DiMartile #4, Bertie - 10 - IINR	F015276	GP - ABD	false	DiMartile, T.A.	DEV	CLI	Natural Gas Well
F015558	27662	Consumers 557 (King Mar Syn. #28), Bertie - 2 - FCC	F015558	GP - ABD	false	The Consumers' Gas Company	DEV	CLI	Natural Gas Well
T009117	6091	PRIVATE Bertie 1 - 9 - IIINR	F013035	PGP - ACT	false	ref_5964c2f977923498d5fdcbe13f0afb7b	DEV	CLI	Private Gas Well

DRAFT FOR DISCUSSION

LIC_NUMBER	WELL_TYPE	WELL_MODE	GRND_ELEV	KB_ELEV	LOGGER_TD	TD	TVD	PBTD	TD_FORM	TD_FRM_SEQ
F015101	Natural Gas Well	Abandoned Well	176.17	176.47	NULL	263.65	263.65	NULL	Queenston	500
F015102	Natural Gas Well	Unknown	177.00	177.30	NULL	236.22	236.22	NULL	Queenston	500
F015105	Natural Gas Well	Unknown	181.00	181.30	NULL	254.51	254.51	NULL	Queenston	500
F015130	Natural Gas Well	Abandoned Well	178.61	178.91	NULL	252.37	252.37	NULL	Queenston	500
F015131	Natural Gas Well	Abandoned Well	176.00	176.30	NULL	233.17	233.17	NULL	Queenston	500
F015132	Natural Gas Well	Abandoned Well	175.00	175.30	NULL	233.48	233.48	NULL	Queenston	500
F015174	Natural Gas Well	Unknown	180.50	180.80	NULL	243.84	243.84	NULL	Queenston	500
F015178	Natural Gas Well	Abandoned Well	181.70	182.00	NULL	NULL	NULL	NULL	Queenston	500
F015179	Dry Hole	Abandoned Well	179.00	179.30	NULL	295.66	295.66	NULL	Queenston	500
F015180	Natural Gas Well	Unknown	179.00	179.30	NULL	249.02	249.02	NULL	Queenston	500
F015181	Natural Gas Well	Unknown	181.00	181.30	NULL	242.93	242.93	NULL	Queenston	500
F015183	Natural Gas Well	Unknown	181.00	181.30	NULL	214.88	214.88	NULL	Queenston	500
F015209	Gas Show	Unknown	185.00	185.31	NULL	253.29	253.29	NULL	Queenston	500
F015263	Natural Gas Well	Abandoned Well	175.00	175.31	NULL	243.84	243.84	NULL	Queenston	500
F015264	Natural Gas Well	Abandoned Well	177.00	177.31	NULL	241.71	241.71	NULL	Queenston	500
F015271	Natural Gas Well	Abandoned Well	176.00	176.31	NULL	234.09	234.09	NULL	NULL	NULL
F015272	Dry Hole	Abandoned Well	175.00	175.31	NULL	266.70	266.70	NULL	Queenston	500
F015273	Private Gas Well	Unknown	179.00	179.30	NULL	238.66	238.66	NULL	Queenston	500
F015274	Natural Gas Well	Abandoned Well	175.00	175.31	NULL	241.40	241.40	NULL	Queenston	500
F015275	Natural Gas Well	Abandoned Well	177.00	176.31	NULL	237.74	237.74	NULL	Queenston	500
F015276	Natural Gas Well	Abandoned Well	178.00	178.30	NULL	249.94	249.94	NULL	NULL	NULL
F015558	Natural Gas Well	Abandoned Well	174.00	174.31	NULL	236.22	236.22	NULL	Queenston	500
T009117	Private Gas Well	Active Well	178.00	178.30	NULL	256.00	256.00	NULL	Queenston	500

DRAFT FOR DISCUSSION

LIC_NUMBER	VERTICAL	HORIZONTAL	DIRECTIONL	DEEPENING	RE_ENTRY	LATERAL	ROTARY	CABLE	COUNTY	TOWNSHIP	TRACT
F015101	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015102	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015105	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015130	Y	N	N	N	N	N	N	Y	Welland	Bertie	NULL
F015131	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015132	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015174	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015178	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015179	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015180	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015181	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015183	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015209	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015263	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015264	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015271	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015272	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015273	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015274	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015275	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015276	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
F015558	Y	N	N	N	N	N	N	N	Welland	Bertie	NULL
T009117	Y	N	N	N	N	N	N	N	Welland	Bertie	1

DRAFT FOR DISCUSSION

LIC_NUMBER	LOT	CONC	LE_BLOCK	LE_TRACT	NS_BOUNDRY	NS_LOC_IND	EW_BOUNDRY	EW_LOC_IND	SUR_LAT83	SUR_LONG83	BOT_LAT83	BOT_LONG83	ACCURACY
F015101	3	FCC	NULL	NULL	414.00	N	72.00	W	42.94571	-78.935	42.94571	-78.935	50
F015102	3	FCC	NULL	NULL	582.00	N	55.00	E	42.94716	-78.9389	42.94716	-78.9389	50
F015105	9	INR	NULL	NULL	182.88	N	15.24	E	42.93662	-78.9294	42.93662	-78.9294	50
F015130	2	FCC	NULL	NULL	179.00	N	236.00	W	42.94368	-78.932	42.94368	-78.932	50
F015131	3	FCC	NULL	NULL	257.00	N	214.00	E	42.94433	-78.9369	42.94433	-78.9369	50
F015132	3	FCC	NULL	NULL	565.00	N	30.00	W	42.94705	-78.9345	42.94705	-78.9345	50
F015174	9	IINR	NULL	NULL	137.16	S	15.24	W	42.93728	-78.9303	42.93728	-78.9303	50
F015178	9	INR	NULL	NULL	182.36	N	35.36	E	42.93662	-78.9292	42.93662	-78.9292	20
F015179	9	IINR	NULL	NULL	289.60	N	133.20	W	42.93592	-78.931	42.93592	-78.931	50
F015180	9	IINR	NULL	NULL	150.00	S	348.00	W	42.93701	-78.9343	42.93701	-78.9343	50
F015181	9	IINR	NULL	NULL	109.73	S	115.82	E	42.93721	-78.9424	42.93721	-78.9424	50
F015183	9	IINR	NULL	NULL	152.40	S	405.38	E	42.93688	-78.9388	42.93688	-78.9388	200
F015209	8	IIINR	NULL	NULL	106.68	S	64.01	W	42.93352	-78.9436	42.93352	-78.9436	50
F015263	10	IINR	NULL	NULL	121.92	S	539.50	E	42.94072	-78.9377	42.94072	-78.9377	50
F015264	10	INR	NULL	NULL	155.45	N	246.89	E	42.93999	-78.9273	42.93999	-78.9273	50
F015271	10	IINR	NULL	NULL	274.32	N	106.68	W	42.94093	-78.9319	42.94093	-78.9319	50
F015272	10	IINR	NULL	NULL	45.72	S	411.48	E	42.94129	-78.9393	42.94129	-78.9393	20
F015273	10	IINR	NULL	NULL	198.12	N	121.92	E	42.93998	-78.9427	42.93998	-78.9427	50
F015274	10	IINR	NULL	NULL	106.68	N	426.72	E	42.93924	-78.939	42.93924	-78.939	50
F015275	10	IINR	NULL	NULL	106.68	N	304.80	E	42.93919	-78.9405	42.93919	-78.9405	50
F015276	10	IINR	NULL	NULL	106.68	N	1066.80	E	42.93945	-78.9312	42.93945	-78.9312	50
F015558	2	FCC	NULL	NULL	377.95	N	143.00	E	42.94533	-78.9324	42.94533	-78.9324	50
T009117	9	IIINR	NULL	NULL	119.48	N	29.87	W	42.93689	-78.9448	42.93689	-78.9448	50

DRAFT FOR DISCUSSION

LIC_NUMBER	METHOD	POOL	SPCING_ORD	PARENT	PRIM_PROD	PROD_TOP	PROD_BOT	GAS_VOLUME	OIL_VOLUME	PRESSURE	PERFORATED	OPEN_HOLE	CEMENT_REC
F015101	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	192.02	193.24	0.42	NULL	1034.21	N	N	NULL
F015102	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	188.98	NULL	0.85	NULL	1241.06	N	N	NULL
F015105	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	200.25	201.17	1.02	NULL	1585.79	N	N	NULL
F015130	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	190.80	191.72	0.48	NULL	1206.58	N	N	NULL
F015131	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	188.67	NULL	0.42	NULL	930.79	N	N	NULL
F015132	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	188.98	NULL	0.57	NULL	1034.21	N	N	NULL
F015174	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	202.39	NULL	0.99	NULL	1999.48	N	N	NULL
F015178	Well Records (1954 to 1997)	Welland Pool	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	N	N	NULL
F015179	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	NULL	NULL	NULL	0.00	NULL	NULL	N	N	NULL
F015180	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	201.47	NULL	0.85	NULL	1447.90	N	N	NULL
F015181	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	199.64	NULL	0.99	NULL	1999.48	N	N	NULL
F015183	NULL	Welland Pool	NULL	NULL	Irondequoit	202.69	NULL	0.99	NULL	1999.48	N	N	NULL
F015209	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	NULL	109.73	NULL	NULL	NULL	NULL	N	N	NULL
F015263	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	192.33	NULL	0.74	NULL	1206.58	N	N	NULL
F015264	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	NULL	197.51	NULL	18.36	NULL	NULL	N	N	NULL
F015271	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Grimsby	203.61	NULL	NULL	NULL	1206.58	N	N	NULL
F015272	Well Records (1954 to 1997)	Welland Pool	NULL	NULL	Rochester	193.85	NULL	NULL	NULL	NULL	N	N	NULL
F015273	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Grimsby	199.95	NULL	0.08	NULL	861.84	N	N	NULL
F015274	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Grimsby	195.68	197.51	0.42	NULL	1206.58	N	N	NULL
F015275	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Grimsby	192.02	193.55	1.47	NULL	1551.32	N	N	NULL
F015276	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	204.83	NULL	0.42	NULL	1551.32	N	N	NULL
F015558	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	188.98	NULL	0.85	NULL	1241.06	N	N	NULL
T009117	Well Records (1921 to 1954)	Welland Pool	NULL	NULL	Irondequoit	200.56	NULL	2.72	NULL	1930.53	N	Y	NULL

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LIC_NUMBER	SAMP_TRAY	WELL_NAME	APPL_DATE	LIC_ISS_D	START_DATE	TD_DATE	COMPL_DATE	WORKOVER_D	PLUG_END_D	LAST_SUS_D
F015101	NULL	Kin Mar Syndicate - Roy F. Wilson No. 3	1952-08-18 00:00:00	NULL	1952-08-19 00:00:00	1952-09-19 00:00:00	NULL	NULL	1965-08-12 00:00:00	NULL
F015102	NULL	Kin Mar syndicate - R.F. Wilson No. 2	1952-07-20 00:00:00	NULL	1952-07-15 00:00:00	1952-08-12 00:00:00	NULL	NULL	NULL	NULL
F015105	NULL	R.M. Sider No. 5 - Welland Securities No. 4	1951-08-13 00:00:00	NULL	1951-08-13 00:00:00	1951-09-14 00:00:00	NULL	NULL	NULL	NULL
F015130	NULL	Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1	1951-11-01 00:00:00	NULL	1951-09-26 00:00:00	1951-10-22 00:00:00	NULL	NULL	1965-08-11 00:00:00	NULL
F015131	NULL	Kin Mar Syndicate -T.A. DiMartile No.1	1953-09-15 00:00:00	NULL	1953-09-19 00:00:00	1953-10-19 00:00:00	NULL	NULL	1962-08-31 00:00:00	NULL
F015132	NULL	Kin Mar Syndicate - T.A. DiMartile No. 1	1952-10-20 00:00:00	NULL	1952-11-01 00:00:00	1952-11-21 00:00:00	NULL	NULL	1955-07-25 00:00:00	NULL
F015174	NULL	Ralph Side No.3 Welland Securities No.3	1949-03-26 00:00:00	NULL	1949-04-04 00:00:00	1949-06-11 00:00:00	NULL	NULL	NULL	NULL
F015178	NULL	Consumers Niagara Land Well No.561	1800-01-01 00:00:00	NULL	NULL	NULL	NULL	NULL	1990-01-11 00:00:00	NULL
F015179	NULL	Star Gas Syndicate No.1 John Barnes No.1	1947-11-11 00:00:00	NULL	1947-12-14 00:00:00	1948-02-02 00:00:00	NULL	NULL	1948-10-25 00:00:00	NULL
F015180	NULL	Erie Prospecting Synd. No.1 Welland Securities No.4	1951-02-24 00:00:00	NULL	1951-02-10 00:00:00	1951-03-17 00:00:00	NULL	NULL	NULL	NULL
F015181	NULL	Ralph Sider No.1 Welland Securities No.1	1948-09-20 00:00:00	NULL	1948-09-18 00:00:00	1948-11-22 00:00:00	NULL	NULL	NULL	NULL
F015183	NULL	Erie Prospecting Syndicate Welland Securities No.2	1948-12-03 00:00:00	NULL	NULL	NULL	NULL	NULL	NULL	NULL
F015209	NULL	Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3	1949-09-19 00:00:00	NULL	1949-09-07 00:00:00	1949-09-29 00:00:00	NULL	NULL	NULL	NULL
F015263	NULL	Thomas Dimartile #8 - T. DiMartile #5	1800-01-01 00:00:00	NULL	1949-06-16 00:00:00	1949-07-13 00:00:00	NULL	NULL	1962-11-21 00:00:00	NULL
F015264	NULL	Ralph M. Sider #4 C. Towlson #1	1800-01-01 00:00:00	NULL	1950-01-01 00:00:00	1950-01-01 00:00:00	NULL	NULL	1967-07-11 00:00:00	NULL
F015271	NULL	Thomas KiMartile #9 - Thos. DiMartile #6	1800-01-01 00:00:00	NULL	1949-07-20 00:00:00	1949-08-13 00:00:00	NULL	NULL	1955-07-28 00:00:00	NULL
F015272	NULL	Kin Mar Syndicate #35 T.A. DiMartile #7	1956-11-10 00:00:00	NULL	1957-04-12 00:00:00	1957-11-03 00:00:00	NULL	NULL	1957-06-24 00:00:00	NULL
F015273	NULL	PRIVATE BERTIE 10-IINR	1949-03-01 00:00:00	NULL	1949-02-02 00:00:00	1949-03-10 00:00:00	NULL	NULL	NULL	NULL
F015274	NULL	Thomas DiMartile #5-Thos DiMartile #2	1800-01-01 00:00:00	NULL	1949-03-14 00:00:00	1949-04-20 00:00:00	NULL	NULL	1965-09-15 00:00:00	NULL
F015275	NULL	Thomas DiMartile #6-T. DiMartile #3	1800-01-01 00:00:00	NULL	1949-04-22 00:00:00	1949-05-15 00:00:00	NULL	NULL	1955-07-20 00:00:00	NULL
F015276	NULL	Thomas DiMartile #7-T. DiMartile #4	1800-01-01 00:00:00	NULL	1949-05-18 00:00:00	1949-06-12 00:00:00	NULL	NULL	1962-11-20 00:00:00	NULL
F015558	NULL	Consumers 557 (King Mar Syn. #28)	1800-01-01 00:00:00	NULL	1952-07-15 00:00:00	1952-08-12 00:00:00	NULL	NULL	1962-11-14 00:00:00	NULL
T009117	NULL	PRIVATE BERTIE 1-9-IIINR	1948-10-06 00:00:00	1947-12-10 00:00:00	1947-12-10 00:00:00	1948-04-12 00:00:00	NULL	NULL	NULL	NULL

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LIC_NUMBER	LAST_CHANG	PLUG_NOTC	SPUD_DATE	PROPD_DEPT	WELL_COMPL	WELL_COM_1	W_CLASS_ID	SEQ_MIN	SEQ_MAX	id	Name	Nro
F015101	2006-09-28 13:46:36	NULL	1952-08-19 00:00:00	266.70	26758	26758	NULL	402	500		2585908 Ontario Inc.	6
F015102	2006-09-28 14:07:20	NULL	1952-07-15 00:00:00	266.70	26759	26759	NULL	402	500		2585908 Ontario Inc.	6
F015105	2006-10-16 10:47:43	NULL	1951-08-13 00:00:00	251.46	26828	26828	NULL	402	500		2585908 Ontario Inc.	6
F015130	2006-09-14 12:14:36	NULL	1951-09-26 00:00:00	243.84	26724	26724	NULL	402	500		2585908 Ontario Inc.	6
F015131	2006-09-28 14:58:20	NULL	1953-09-19 00:00:00	NULL	26756	26756	NULL	402	500		2585908 Ontario Inc.	6
F015132	2006-09-28 14:22:04	NULL	1952-11-01 00:00:00	259.08	26761	26761	NULL	402	500		2585908 Ontario Inc.	6
F015174	2006-10-06 09:52:47	NULL	1949-04-04 00:00:00	243.84	26792	26792	NULL	4000	500		2585908 Ontario Inc.	6
F015178	2006-10-13 13:49:15	NULL	NULL	NULL	26822	26822	NULL	NULL	NULL		2585908 Ontario Inc.	6
F015179	2006-10-06 11:07:46	NULL	1947-12-14 00:00:00	228.60	26796	26796	NULL	311	500		2585908 Ontario Inc.	6
F015180	2006-10-06 09:38:48	NULL	1951-02-10 00:00:00	243.84	26791	26791	NULL	402	500		2585908 Ontario Inc.	6
F015181	2006-10-06 09:11:12	NULL	1948-09-18 00:00:00	274.32	26790	26790	NULL	402	500		2585908 Ontario Inc.	6
F015183	2006-10-06 10:11:59	NULL	NULL	243.84	26793	26793	NULL	402	500		2585908 Ontario Inc.	6
F015209	2006-10-30 13:47:37	NULL	1949-09-07 00:00:00	259.08	26879	26879	2362	319	500		2585908 Ontario Inc.	6
F015263	2006-11-23 09:35:23	NULL	1949-06-16 00:00:00	259.08	26960	26960	2362	4000	500		2585908 Ontario Inc.	6
F015264	2006-11-27 10:55:54	NULL	1950-01-01 00:00:00	NULL	26973	26973	NULL	NULL	NULL		2585908 Ontario Inc.	6
F015271	2006-11-20 17:49:20	NULL	1949-07-20 00:00:00	259.08	26947	26947	2362	401	500		2585908 Ontario Inc.	6
F015272	2006-11-20 18:45:53	NULL	1957-04-12 00:00:00	259.08	26948	26948	2362	402	500		2585908 Ontario Inc.	6
F015273	2013-03-12 13:30:50	NULL	1949-02-02 00:00:00	NULL	26949	26949	2362	402	500		2585908 Ontario Inc.	6
F015274	2006-11-21 10:44:00	NULL	1949-03-14 00:00:00	NULL	26950	26950	2362	311	500		2585908 Ontario Inc.	6
F015275	2006-11-21 13:32:47	NULL	1949-04-22 00:00:00	259.08	26951	26951	2362	402	500		2585908 Ontario Inc.	6
F015276	2006-11-21 15:17:54	NULL	1949-05-18 00:00:00	259.08	26952	26952	2362	402	500		2585908 Ontario Inc.	6
F015558	2007-01-15 17:37:14	NULL	1952-07-15 00:00:00	NULL	27159	27159	2362	402	500		2585908 Ontario Inc.	6
T009117	2017-08-23 14:26:19	NULL	1947-12-10 00:00:00	66.14	8748	8748	2362	402	500		2585908 Ontario Inc.	6

DRAFT FOR DISCUSSION

APPENDIX C

ECOLOG ERIS REPORT

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DATABASE REPORT

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Project Property:	*Phase One ESA -Bridgeburg North, Fort Erie* *Frenchman's Lane* *Fort Erie ON*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24030600498*
Requested by:	*Niagara Soils Solutions Ltd.*
Date Completed:	*January 8, 2025*

Environmental Risk Information Services
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Executive Summary

Property Information:

Project Property:	*Phase One ESA -Bridgeburg North, Fort Erie* *Frenchman's Lane Fort Erie ON*
Project No:	

Order Information:

Order No:	*24030600498*
Date Requested:	*March 6, 2024*
Requested by:	*Niagara Soils Solutions Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

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Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	2	2
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	8	9
CA	Certificates of Approval	Y	0	10	10
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	1	1
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	5	6	11
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	2	41	43
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

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Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	1	1
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	17	14	31
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	1	1
PINC	Pipeline Incidents	Y	0	1	1
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
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	1	1
RSC	Record of Site Condition	Y	2	0	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	0	7	7
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0

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Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*4*	*20*	*24*
		Total:	*31*	*122*	*153*

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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
1	OOGW	Thomas Dimartile #8 - T. DiMartile #5	Bertie ON ***Licence No:*** F015263	NNW/0.0	-1.00	41
2	OOGW	Thomas DiMartile #5-Thos DiMartile #2	Bertie ON ***Licence No:*** F015274	W/0.0	-0.97	43
3	OOGW	Kin Mar Syndicate #35 T.A. DiMartile #7	Bertie ON ***Licence No:*** F015272	NW/0.0	-1.00	46
4	OOGW	Thomas DiMartile #6-T. DiMartile #3	Bertie ON ***Licence No:*** F015275	W/0.0	0.11	49
5	OOGW	Erie Prospecting Syndicate Welland Securities No.2	Bertie ON ***Licence No:*** F015183	SW/0.0	5.00	52
6	BORE		ON	NW/0.0	-0.98	54
7	OOGW	Erie Prospecting Synd. No.1 Welland Securities No.4	Bertie ON ***Licence No:*** F015180	SE/0.0	2.13	57
8	OOGW	Thomas KiMartile #9 - Thos. DiMartile #6	Bertie ON ***Licence No:*** F015271	ENE/0.0	0.00	59

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
9	EHS		Thompson Road Fort Erie ON	WNW/0.0	1.91	62
10	OOGW	Thomas DiMartile #7-T. DiMartile #4	Bertie ON ***Licence No:*** F015276	E/0.0	1.99	62
11	OOGW	Thomas DiMartile #4-T. DiMartile #1	Bertie ON ***Licence No:*** F015273	W/0.0	3.00	65
12	OOGW	Ralph Sider No.1 Welland Securities No.1	Bertie ON ***Licence No:*** F015181	WSW/0.0	4.25	68
13	OOGW	Kin Mar Syndicate -T.A. DiMartile No.1	Bertie ON ***Licence No:*** F015131	N/0.0	1.20	70
14	OOGW	Ralph Side No.3 Welland Securities No.3	Bertie ON ***Licence No:*** F015174	ESE/0.0	5.00	73
15	OOGW	Star Gas Syndicate No.1 John Barnes No.1	Bertie ON ***Licence No:*** F015179	ESE/0.0	2.89	75
16	WWIS		85 CROOKS ST lot 8 con 2 Fort Erie ON ***Well ID:*** 7371483	SSW/0.0	4.00	79
17	OOGW	Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1	Bertie ON ***Licence No:*** F015130	NE/0.0	-0.96	82
18	EHS		85 Crooks Street Fort Erie ON	S/0.0	5.00	84

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
19	EHS		85 Crook Street Fort Erie ON	S/0.0	5.00	85
20	OOGW	Kin Mar Syndicate - Roy F. Wilson No. 3	Bertie ON ***Licence No:*** F015101	NNE/0.0	1.02	85
21	OOGW	Ralph M. Sider #4 C. Towlson #1	Bertie ON ***Licence No:*** F015264	E/0.0	0.98	88
22	EHS		1047 Niagara River Parkway Fort Erie ON	E/0.0	1.25	88
23	GEN	RIO VISTA GOLF COURSE	85 CROOKS STREET FORT ERIE ON L2A 5N1	SE/0.0	6.00	89
23	GEN	RIO VISTA GOLF COURSE	85 CROOKS STREET GOLF COURSE FORT ERIE ON	SE/0.0	6.00	89
23	RSC	CBJ - FORT ERIE HILLS INC.	85 CROOKS STREET ON Fort Erie ON	SE/0.0	6.00	90
23	RSC	CBJ - FORT ERIE HILLS INC.	85 CROOKS STREET ON Fort Erie ON	SE/0.0	6.00	90
23	EHS		85 Crooks Fort Erie ON L2A 4H2	SE/0.0	6.00	91

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
24	WWIS		ON ***Well ID:*** 7389851	SE/0.0	5.50	91
25	WWIS		85 CROOKS ST lot 8 con 2 Fort Erie ON ***Well ID:*** 7371481	SE/0.0	5.86	92
26	OOGW	Kin Mar syndicate - R.F. Wilson No. 2	Bertie ON ***Licence No:*** F015102	NNW/0.0	0.00	95
27	WWIS		85 CROOKS ST lot 8 con 2 FORT Erie ON ***Well ID:*** 7371482	SSE/0.0	8.89	98

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Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	OOGW	Kin Mar Syndicate - T.A. DiMartile No. 1	Bertie ON ***Licence No:*** F015132	NNE/10.5	-0.37	101
29	WWIS		lot 4 ON ***Well ID:*** 6600033	NW/14.2	4.00	104
30	GEN	RIO VISTA GOLF COURSE	CROOKS STREET AND BOWEN ROAD FORT ERIE ON L2A 5N1	ESE/15.2	6.03	107
31	BORE		ON	E/18.8	2.88	108
32	WWIS		lot 3 ON ***Well ID:*** 6603283	NNE/23.4	-1.00	109
33	WWIS		lot 10 con 1 ON ***Well ID:*** 6600455	ENE/24.6	-0.97	112
34	OOGW	R.M. Sider No. 5 - Welland Securities No. 4	Bertie ON ***Licence No:*** F015105	ESE/34.0	5.00	114
35	GEN	RIO VISTA GOLF COURSE	100 Dodds Court GOLF COURSE FORT ERIE ON	SE/35.1	7.02	117
35	GEN	RIO VISTA GOLF COURSE	100 Dodds Court GOLF COURSE FORT ERIE ON	SE/35.1	7.02	118
36	BORE		ON	E/36.5	1.96	118
37	WWIS		lot 10 con 1 ON ***Well ID:*** 6600456	ENE/42.8	-1.15	120
38	SPL		1625 Niagara Parkway Fort Erie ON L2A 5M4	NW/46.9	1.51	121

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
39	SPL	Canadian Niagara Power Inc.	1553 Niagara Parkway Fort Erie ON	NNW/49.1	-0.55	122
40	EHS		2435 Thompson Rd Fort Erie ON L2A5M4	WNW/50.0	4.00	123
41	WWIS		2343 Thompson Rd lot 10 con 3 Fort Erie ON ***Well ID:*** 7384810	W/50.9	4.00	123
42	WWIS		lot 5 ON ***Well ID:*** 6600037	NW/52.3	4.00	130
43	OOGW	Consumers Niagara Land Well No.561	Bertie ON ***Licence No:*** F015178	ESE/54.1	5.00	133
44	AST		ON	E/57.4	4.00	133
45	WWIS		181 Mackenzie St lot 5 Fort Erie ON ***Well ID:*** 7398947	NW/58.2	2.62	134
46	BORE		ON	E/58.7	4.00	141
47	WWIS		lot 9 con 3 ON ***Well ID:*** 6600489	WSW/59.0	9.00	142
48	WWIS		lot 5 ON ***Well ID:*** 6600039	WNW/60.3	4.00	144
49	WWIS		lot 5 ON ***Well ID:*** 6600038	NW/64.1	3.00	147
50	WWIS		lot 5 ON ***Well ID:*** 6600034	NW/66.0	2.35	151
51	BORE		ON	E/76.2	-1.14	154

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	AST		ON	E/80.1	4.00	156
53	OOGW	Eugene George #1	Bertie ON ***Licence No:*** T009117	WSW/81.3	4.36	156
54	BORE		ON	E/81.8	0.00	159
55	CA	REGIONAL MUN. OF NIAGARA (X# 3-0242-92)	1 ANGER AVE., W.P.C.P. FORT ERIE TOWN ON L2A 5M4	E/83.9	3.69	160
55	CA	R.M. OF NIAGARA - SLUDGE TRANSFER FAC.	1 ANGER AVE., W.P.C.P. FORT ERIE TOWN ON L2A 5M4	E/83.9	3.69	161
55	SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER ANGER AVENUE WPCP (FORT ERIE) 1 ANGER AVENUE FORT ERIE TOWN ON	E/83.9	3.69	161
55	ECA	The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	E/83.9	3.69	162
55	ECA	The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	E/83.9	3.69	162
55	ECA	The Regional Municipality of Niagara	1 Anger Avenue Fort Erie ON L2V 4Y6	E/83.9	3.69	162
55	ECA	The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	E/83.9	3.69	163
55	GEN	NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	E/83.9	3.69	163
55	SPL	The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON	E/83.9	3.69	164

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
55	GEN	NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	E/83.9	3.69	165
55	SPL	The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON NA	E/83.9	3.69	165
55	GEN	NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	E/83.9	3.69	166
55	REC	NIAGARA, REGIONAL MUNICIPALITY OF	FORT ERIE WPCP 1 ANGER AVENUE FORT ERIE ON L2A 5M4	E/83.9	3.69	167
55	GEN	NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	E/83.9	3.69	170
55	NPR2	FORT ERIE POLLUTION CONTROL PLANT	1 ANGER AVE. FORT ERIE ON L2A5M4	E/83.9	3.69	173
55	PFHA	FORT ERIE POLLUTION CONTROL PLANT	1 ANGER AVE. FORT ERIE ON L2A5M4	E/83.9	3.69	230
56	BORE		ON	E/85.9	1.21	287
57	CA	NIAGARA PARKS COMMISSION	NIAGARA RIVER PKWY./ANGER AVE. FORT ERIE TOWN ON	E/86.9	-1.59	288
57	CA	FORT ERIE TOWN	NIAGARA RIVER PKWAY/ANGER AVE. FORT ERIE TOWN ON	E/86.9	-1.59	289
58	OOGW	Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3	Bertie ON ***Licence No:*** F015209	SW/87.2	9.00	289
59	OOGW	Consumers 557 (King Mar Syn. #28)	Bertie ON ***Licence No:*** F015558	NE/89.9	0.00	292
60	BORE		ON	E/96.6	-1.73	294

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
61	WWIS		425 PHIPPS STREET FORT ERIE ON ***Well ID:*** 7324026	SSE/102.9	7.95	296
62	HINC		1301 NIAGARA PARKWAY FORT ERIE ON L2A 5M4	NNE/108.6	-1.00	299
63	WWIS		lot 5 ON ***Well ID:*** 6600036	NW/111.5	2.00	299
64	PINC		420 Phipps Street, Fort Erie ON	SE/122.1	9.00	303
65	CA	FORT ERIE TOWN-PT. LOT 8, CONC. 1	BROCK ST./CROOK ST./JESSIE ST. FORT ERIE TOWN ON	SE/123.6	8.90	303
66	BORE		ON	E/127.0	-2.00	303
67	OOGW	Thomas DeMartile #3 W. Anthony Estate #1	Bertie ON ***Licence No:*** F015187	WSW/128.4	7.10	305
68	OOGW	Manock Gas Syndicate #1 Welland Securities 1	Bertie ON ***Licence No:*** F015278	W/129.6	4.00	307
69	CA	METCOR INC.	425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	SE/129.6	7.97	310
69	CA	METCOR INC.	425 PHIPPS ST. FORT ERIE TOWN ON L2A 2W1	SE/129.6	7.97	311
69	CA	METCOR INC.	425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	SE/129.6	7.97	311
69	SPL	METCOR INC.	METCOR INC. PHIPPS STREET FORT ERIE PLANT 425 PHIPPS STREET FORT ERIE TOWN ON	SE/129.6	7.97	311
69	SCT	Metcor Inc	425 Phipps St Fort Erie ON L2A 2W1	SE/129.6	7.97	312

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
69	SPL	METCOR INC.	FORT ERIE PLANT 425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	SE/129.6	7.97	312
69	SCT	Metcor Inc.	425 Phipps St Fort Erie ON L2A 2W1	SE/129.6	7.97	313
69	EBR	Metcor Inc.	425 Phipps Street Fort Erie Ontario L2A 2W1 Fort Erie ON	SE/129.6	7.97	313
69	GEN	GRAHAM (OUT OF BUSINESS)	(OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	SE/129.6	7.97	314
69	GEN	GRAHAM (OUT OF BUSINESS) 18-158	(OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	SE/129.6	7.97	314
69	GEN	METCOR INC.	425 PHIPPS ST. FORT ERIE ON L2A 2W1	SE/129.6	7.97	315
69	GEN	METCOR INC.	425 PHIPPS ST. FORT ERIE ON L2A 2W1	SE/129.6	7.97	315
69	GEN	METCOR INC.	425 PHIPPS ST., P.O.BOX 460 FORT ERIE ON L2A 2W1	SE/129.6	7.97	316
69	GEN	METCOR INC. 26-301	425 PHIPPS STREET FORT ERIE ON L2A 2W1	SE/129.6	7.97	316
69	GEN	METCOR INC	425 PHIPPS STREET FORT ERIE ON L2A 2W1	SE/129.6	7.97	317
69	GEN	METCOR INCORPORATED	425 PHIPPS STREET FORT ERIE ON L2A 2W1	SE/129.6	7.97	318
69	EHS		425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	319

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
69	CA	Metcor Inc.	425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	319
69	GEN	METCOR INCORPORATED	425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	320
69	GEN	METCOR INCORPORATED	425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	320
69	EHS		425 Phipps St Fort Erie ON L2A2W1	SE/129.6	7.97	321
69	ECA	Metcor Inc.	425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	321
69	GEN	ERI	425 Phipps Street Fort Erie ON L2A 2W1	SE/129.6	7.97	321
69	GEN	PINCHIN LTD	425 PHIPPS ST FORT ERIE ON L2A 2W1	SE/129.6	7.97	322
70	OOGW	Consumers' 562 Ralph Sider No. 2, Welland Securites No.2	Bertie ON ***Licence No:*** F015184	E/148.4	4.00	322
71	OOGW	Ralph M. Sider No.1 Welland Securites Ltd.No.1	Bertie ON ***Licence No:*** F015182	ESE/155.6	4.00	325
72	WWIS		2261 THOMPSON RD. lot 9 con 3 Fort Erie ON ***Well ID:*** 7124750	WSW/157.2	7.03	327
73	WWIS		425 PHIPPS STREET Fort Erie ON ***Well ID:*** 7331182	SE/163.7	8.04	329
74	WWIS		lot 5 ON ***Well ID:*** 6600035	NW/166.0	1.00	332
75	WWIS		425 PHIPPS STREET FORT ERIE ON ***Well ID:*** 7324025	SE/168.4	8.02	335

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
76	WWIS		2261 THOMPSON RD. lot 9 con 3 Fort Erie ON ***Well ID:*** 7124749	WSW/173.3	7.45	338
77	OOGW	R.M. Sider No.3, Welland Securities No. 3	Bertie ON ***Licence No:*** F015104	E/197.2	3.12	345
78	WWIS		lot 5 ON ***Well ID:*** 6604267	WNW/217.5	2.94	347
79	OOGW	Manock Gas Syndicate #5-Tp of Bertie #1	Bertie ON ***Licence No:*** F015284	W/234.9	3.00	351
80	OOGW	Manock Gas Syndicate.	Bertie ON ***Licence No:*** F015363	WNW/235.3	2.57	354
81	OOGW	Manock Gas Syndicate #6-Township of Bertie #2	Bertie ON ***Licence No:*** F015283	W/235.4	3.00	355
82	WWIS		14 CROOKS ST. FORT ERIE ON ***Well ID:*** 7311981	SE/236.1	9.00	357
83	EHS		177 Dunlop Street Fort Erie ON	S/241.1	10.00	360
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	361
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	361
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	361
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON	S/241.1	10.00	362
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	362

DRAFT FOR DISCUSSION

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	363
83	GEN	Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	363
83	GEN	Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	364
83	EHS		177 Dunlop Street Fort Erie ON	S/241.1	10.00	364
83	GEN	Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	365
83	GEN	Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	S/241.1	10.00	365
84	SCT	Acorn Products (1991) Inc.	15 Crooks St Fort Erie ON L2A 4H1	SE/241.9	9.00	366
84	GEN	CANADIAN GASKET CO. LTD.	15 CROOKS STREET - NIAGARA C/O P. O. BOX 66 FORT ERIE ON L2A 4H1	SE/241.9	9.00	366
84	GEN	ACORN PRODUCTS (1991) INC. 01-067	15 CROOKS STREET FORT ERIE ON L2A 4H1	SE/241.9	9.00	367
84	GEN	ACORN PRODUCTS (1991) INC.	15 CROOKS STREET FORT ERIE ON L2A 4H1	SE/241.9	9.00	367
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	368
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	368
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	369

DRAFT FOR DISCUSSION

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	370
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON	SE/241.9	9.00	370
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	371
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	372
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	372
84	GEN	ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	SE/241.9	9.00	373
84	EHS		15 Crooks St Fort Erie ON L2A4H1	SE/241.9	9.00	375
85	CA	FORT ERIE TOWN	PHIPPS ST/DODDS CT/ROBINSON ST FORT ERIE ON	SE/242.3	9.00	375

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Executive Summary: Summary By Data Source

AST - Aboveground Storage Tanks

A search of the AST database, dated May 31, 2014 has found that there are 2 AST site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	57.4	44
	ON	80.1	52

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 9 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	6
	ON	18.8	31
	ON	36.5	36
	ON	58.7	46
	ON	76.2	51
	ON	81.8	54

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Site	Address	Distance (m)	Map Key
	ON	85.9	56
	ON	96.6	60
	ON	127.0	66

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 10 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
REGIONAL MUN. OF NIAGARA (X# 3-0242-92)	1 ANGER AVE., W.P.C.P. FORT ERIE TOWN ON L2A 5M4	83.9	55
R.M. OF NIAGARA - SLUDGE TRANSFER FAC.	1 ANGER AVE., W.P.C.P. FORT ERIE TOWN ON L2A 5M4	83.9	55
NIAGARA PARKS COMMISSION	NIAGARA RIVER PKWY./ANGER AVE. FORT ERIE TOWN ON	86.9	57
FORT ERIE TOWN	NIAGARA RIVER PKWAY/ANGER AVE. FORT ERIE TOWN ON	86.9	57
FORT ERIE TOWN-PT. LOT 8, CONC. 1	BROCK ST./CROOK ST./JESSIE ST. FORT ERIE TOWN ON	123.6	65
METCOR INC.	425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	129.6	69

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
METCOR INC.	425 PHIPPS ST. FORT ERIE TOWN ON L2A 2W1	129.6	69
METCOR INC.	425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	129.6	69
Metcor Inc.	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69
FORT ERIE TOWN	PHIPPS ST/DODDS CT/ROBINSON ST FORT ERIE ON	242.3	85

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Oct 31, 2024 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Metcor Inc.	425 Phipps Street Fort Erie Ontario L2A 2W1 Fort Erie ON	129.6	69

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Oct 31, 2024 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	83.9	55
The Regional Municipality of Niagara	1 Anger Avenue Fort Erie ON L2V 4Y6	83.9	55
The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	83.9	55

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON L2V 4T7	83.9	55
Metcor Inc.	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 11 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Thompson Road Fort Erie ON	0.0	9
	85 Crooks Street Fort Erie ON	0.0	18
	85 Crook Street Fort Erie ON	0.0	19
	1047 Niagara River Parkway Fort Erie ON	0.0	22
	85 Crooks Fort Erie ON L2A 4H2	0.0	23
	2435 Thompson Rd Fort Erie ON L2A5M4	50.0	40
	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69
	425 Phipps St Fort Erie ON L2A2W1	129.6	69

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
	177 Dunlop Street Fort Erie ON	241.1	83
	177 Dunlop Street Fort Erie ON	241.1	83
	15 Crooks St Fort Erie ON L2A4H1	241.9	84

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2022 has found that there are 43 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
RIO VISTA GOLF COURSE	85 CROOKS STREET FORT ERIE ON L2A 5N1	0.0	23
RIO VISTA GOLF COURSE	85 CROOKS STREET GOLF COURSE FORT ERIE ON	0.0	23
RIO VISTA GOLF COURSE	CROOKS STREET AND BOWEN ROAD FORT ERIE ON L2A 5N1	15.2	30
RIO VISTA GOLF COURSE	100 Dodds Court GOLF COURSE FORT ERIE ON	35.1	35
RIO VISTA GOLF COURSE	100 Dodds Court GOLF COURSE FORT ERIE ON	35.1	35
NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	83.9	55

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	83.9	55
NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	83.9	55
NIAGARA, REGIONAL MUNICIPALITY OF	1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	83.9	55
GRAHAM (OUT OF BUSINESS)	(OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	129.6	69
GRAHAM (OUT OF BUSINESS) 18-158	(OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	129.6	69
METCOR INC.	425 PHIPPS ST. FORT ERIE ON L2A 2W1	129.6	69
METCOR INC.	425 PHIPPS ST. FORT ERIE ON L2A 2W1	129.6	69
METCOR INC.	425 PHIPPS ST., P.O.BOX 460 FORT ERIE ON L2A 2W1	129.6	69
METCOR INC. 26-301	425 PHIPPS STREET FORT ERIE ON L2A 2W1	129.6	69
METCOR INC	425 PHIPPS STREET FORT ERIE ON L2A 2W1	129.6	69
METCOR INCORPORATED	425 PHIPPS STREET FORT ERIE ON L2A 2W1	129.6	69
METCOR INCORPORATED	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
METCOR INCORPORATED	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69
ERI	425 Phipps Street Fort Erie ON L2A 2W1	129.6	69
PINCHIN LTD	425 PHIPPS ST FORT ERIE ON L2A 2W1	129.6	69
Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
Attar Metals Fort Erie	177 Dunlop Street Fort Erie ON L2A 6G2	241.1	83
CANADIAN GASKET CO. LTD.	15 CROOKS STREET - NIAGARA C/O P.O. BOX 66 FORT ERIE ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC. 01-067	15 CROOKS STREET FORT ERIE ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 CROOKS STREET FORT ERIE ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84
ACORN PRODUCTS (1991) INC.	15 Crooks Street Fort Erie ON L2A 4H1	241.9	84

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1301 NIAGARA PARKWAY FORT ERIE ON L2A 5M4	108.6	62

NPR2 - National Pollutant Release Inventory

A search of the NPR2 database, dated Feb 2024 has found that there are 1 NPR2 site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
FORT ERIE POLLUTION CONTROL PLANT	1 ANGER AVE. FORT ERIE ON L2A5M4	83.9	55

OOGW - Ontario Oil and Gas Wells

A search of the OOGW database, dated 1800-Aug 2024 has found that there are 31 OOGW site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Thomas Dimartile #8 - T. DiMartile #5	Bertie ON ***Licence No:*** F015263	0.0	1
Thomas DiMartile #5-Thos DiMartile #2	Bertie ON	0.0	2

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
	Licence No: F015274		
Kin Mar Syndicate #35 T.A. DiMartile #7	Bertie ON ***Licence No:*** F015272	0.0	3
Thomas DiMartile #6-T. DiMartile #3	Bertie ON ***Licence No:*** F015275	0.0	4
Erie Prospecting Syndicate Welland Securities No.2	Bertie ON ***Licence No:*** F015183	0.0	5
Erie Prospecting Synd. No.1 Welland Securities No.4	Bertie ON ***Licence No:*** F015180	0.0	7
Thomas KiMartile #9 - Thos. DiMartile #6	Bertie ON ***Licence No:*** F015271	0.0	8
Thomas DiMartile #7-T. DiMartile #4	Bertie ON ***Licence No:*** F015276	0.0	10
Thomas DiMartile #4-T. DiMartile #1	Bertie ON ***Licence No:*** F015273	0.0	11
Ralph Sider No.1 Welland Securities No.1	Bertie ON ***Licence No:*** F015181	0.0	12
Kin Mar Syndicate -T.A. DiMartile No.1	Bertie ON ***Licence No:*** F015131	0.0	13
Ralph Side No.3 Welland Securities No. 3	Bertie ON ***Licence No:*** F015174	0.0	14
Star Gas Syndicate No.1 John Barnes No.1	Bertie ON ***Licence No:*** F015179	0.0	15

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1	Bertie ON ***Licence No:*** F015130	0.0	17
Kin Mar Syndicate - Roy F. Wilson No. 3	Bertie ON ***Licence No:*** F015101	0.0	20
Ralph M. Sider #4 C. Towlson #1	Bertie ON ***Licence No:*** F015264	0.0	21
Kin Mar syndicate - R.F. Wilson No. 2	Bertie ON ***Licence No:*** F015102	0.0	26
Kin Mar Syndicate - T.A. DiMartile No. 1	Bertie ON ***Licence No:*** F015132	10.5	28
R.M. Sider No. 5 - Welland Securities No. 4	Bertie ON ***Licence No:*** F015105	34.0	34
Consumers Niagara Land Well No.561	Bertie ON ***Licence No:*** F015178	54.1	43
Eugene George #1	Bertie ON ***Licence No:*** T009117	81.3	53
Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3	Bertie ON ***Licence No:*** F015209	87.2	58
Consumers 557 (King Mar Syn. #28)	Bertie ON ***Licence No:*** F015558	89.9	59
Thomas DeMartile #3 W. Anthony Estate #1	Bertie ON ***Licence No:*** F015187	128.4	67
Manock Gas Syndicate #1 Welland Securities 1	Bertie ON	129.6	68

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
	Licence No: F015278		
Consumers' 562 Ralph Sider No.2, Welland Securites No.2	Bertie ON ***Licence No:*** F015184	148.4	70
Ralph M. Sider No.1 Welland Securites Ltd.No.1	Bertie ON ***Licence No:*** F015182	155.6	71
R.M. Sider No.3, Welland Securities No. 3	Bertie ON ***Licence No:*** F015104	197.2	77
Manock Gas Syndicate #5-Tp of Bertie #1	Bertie ON ***Licence No:*** F015284	234.9	79
Manock Gas Syndicate.	Bertie ON ***Licence No:*** F015363	235.3	80
Manock Gas Syndicate #6-Township of Bertie #2	Bertie ON ***Licence No:*** F015283	235.4	81

PFHA - Potential PFAS Handlers from NPRI

A search of the PFHA database, dated Feb 2024 has found that there are 1 PFHA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
FORT ERIE POLLUTION CONTROL PLANT	1 ANGER AVE. FORT ERIE ON L2A5M4	83.9	55

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	420 Phipps Street, Fort Erie ON	122.1	64

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key

REC - Ontario Regulation 347 Waste Receivers Summary

A search of the REC database, dated 1986-1990, 1992-2021 has found that there are 1 REC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
NIAGARA, REGIONAL MUNICIPALITY OF	FORT ERIE WPCP 1 ANGER AVENUE FORT ERIE ON L2A 5M4	83.9	55

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2024 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
CBJ - FORT ERIE HILLS INC.	85 CROOKS STREET ON Fort Erie ON	0.0	23
CBJ - FORT ERIE HILLS INC.	85 CROOKS STREET ON Fort Erie ON	0.0	23

SCT - 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 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Metcor Inc.	425 Phipps St Fort Erie ON L2A 2W1	129.6	69
Metcor Inc	425 Phipps St Fort Erie ON L2A 2W1	129.6	69
Acorn Products (1991) Inc.	15 Crooks St Fort Erie ON L2A 4H1	241.9	84

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug 2024; Oct 2024 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1625 Niagara Parkway Fort Erie ON L2A 5M4	46.9	38
Canadian Niagara Power Inc.	1553 Niagara Parkway Fort Erie ON	49.1	39
NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER ANGER AVENUE WPCP (FORT ERIE) 1 ANGER AVENUE FORT ERIE TOWN ON	83.9	55
The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON NA	83.9	55
The Regional Municipality of Niagara	1 Anger Ave Fort Erie ON	83.9	55
METCOR INC.	FORT ERIE PLANT 425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	129.6	69
METCOR INC.	METCOR INC. PHIPPS STREET FORT ERIE PLANT 425 PHIPPS STREET FORT ERIE TOWN ON	129.6	69

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 24 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	85 CROOKS ST lot 8 con 2 Fort Erie ON	0.0	16

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Site	Address	Distance (m)	Map Key
	Well ID: 7371483		
	ON ***Well ID:*** 7389851	0.0	24
	85 CROOKS ST lot 8 con 2 Fort Erie ON ***Well ID:*** 7371481	0.0	25
	85 CROOKS ST lot 8 con 2 FORT Erie ON ***Well ID:*** 7371482	0.0	27
	lot 4 ON ***Well ID:*** 6600033	14.2	29
	lot 3 ON ***Well ID:*** 6603283	23.4	32
	lot 10 con 1 ON ***Well ID:*** 6600455	24.6	33
	lot 10 con 1 ON ***Well ID:*** 6600456	42.8	37
	2343 Thompson Rd lot 10 con 3 Fort Erie ON ***Well ID:*** 7384810	50.9	41
	lot 5 ON ***Well ID:*** 6600037	52.3	42
	181 Mackenzie St lot 5 Fort Erie ON ***Well ID:*** 7398947	58.2	45
	lot 9 con 3 ON ***Well ID:*** 6600489	59.0	47

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Site	Address	Distance (m)	Map Key
	lot 5 ON ***Well ID:*** 6600039	60.3	48
	lot 5 ON ***Well ID:*** 6600038	64.1	49
	lot 5 ON ***Well ID:*** 6600034	66.0	50
	425 PHIPPS STREET FORT ERIE ON ***Well ID:*** 7324026	102.9	61
	lot 5 ON ***Well ID:*** 6600036	111.5	63
	2261 THOMPSON RD. lot 9 con 3 Fort Erie ON ***Well ID:*** 7124750	157.2	72
	425 PHIPPS STREET Fort Erie ON ***Well ID:*** 7331182	163.7	73
	lot 5 ON ***Well ID:*** 6600035	166.0	74
	425 PHIPPS STREET FORT ERIE ON ***Well ID:*** 7324025	168.4	75
	2261 THOMPSON RD. lot 9 con 3 Fort Erie ON ***Well ID:*** 7124749	173.3	76
	lot 5 ON ***Well ID:*** 6604267	217.5	78
	14 CROOKS ST. FORT ERIE ON	236.1	82

DRAFT FOR DISCUSSION

Site	Address	Distance (m)	Map Key
	Well ID: 7311981		

DRAFT FOR DISCUSSION



Map: 0.25 Kilometer Radius

Order Number: 24030600498

Address: Frenchman's Lane, Fort Erie, ON

ERIS

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership



Aerial

Year: 2023

Order Number: 24030600498

Address: Frenchman's Lane, Fort Erie, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



DRAFT FOR DISCUSSION

Topographic Map

Address: Frenchman's Lane, ON

Source: ESRI World Topographic Map

Order Number: 24030600498

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NNW/0.0	174.9 / -1.00	Thomas Dimartile #8 - T. DiMartile #5 Bertie ON	OOGW

Licence No:	F015263	**Well Compl:**	26960
Well ID:	27347	**County:**	Welland
Well Compl ID:	26960	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015263	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.940715
Depth(m):	243.84	**Surface Long NAD83:**	-78.93768056
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.940715
Completion Date:		**Bottom Long NAD83:**	-78.93768056
Depth Reached:	1949-7-13 0:00:00	**Lot Sides (m):**	121.92 S
Capped Date:	1962-11-21 0:00:00	**E/W (m):**	539.5 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-6-16 0:00:00	**bottom long27:**	
SPUD Date:	1949-6-16 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	175	**Method:**	Well Records (1921 to 1954)
KB Elev:	175.31	**Parent:**	
TVD:	243.84	**Prod Top:**	192.33
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	259.08
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	DiMartile, T.A.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Thomas Dimartile #8 - T. DiMartile #5
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015263	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		
License No:	F015263	**Elevation (m):**	-57.87
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-57.87 / 233.17
Top (m):	233.17		

DRAFT FOR DISCUSSION

License No:	F015263	**Elevation (m):**	-51.77
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.77 / 227.08
Top (m):	227.08		

License No:	F015263	**Elevation (m):**	168.6
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.6 / 6.71
Top (m):	6.71		

License No:	F015263	**Elevation (m):**	68.63
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.63 / 106.68
Top (m):	106.68		

License No:	F015263	**Elevation (m):**	168.6
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.6 / 6.71
Top (m):	6.71		

License No:	F015263	**Elevation (m):**	-24.95
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-24.95 / 200.25
Top (m):	200.25		

License No:	F015263	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	9.14
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 15.24
Top (m):	15.24		

License No:	F015263	**Elevation (m):**	168.61
Geology Formation:	Salina Group	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.61 / 6.7
Top (m):	6.7		

License No:	F015263	**Elevation (m):**	168.6
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.6 / 6.71
Top (m):	6.71		

License No:	F015263	**Elevation (m):**	10.71
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	10.71 / 164.59
Top (m):	164.59		

License No:	F015263	**Elevation (m):**	-51.77
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-51.77 / 227.08
Top (m):	227.08		

License No:	F015263	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		

DRAFT FOR DISCUSSION

License No:	F015263	**Elevation (m):**	-14.89
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-14.89 / 190.2
Top (m):	190.2		

License No:	F015263	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 131.06
Top (m):	131.06		

License No:	F015263	**Elevation (m):**	10.71
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	10.71 / 164.59
Top (m):	164.59		

License No:	F015263	**Elevation (m):**	-43.24
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-43.24 / 218.54
Top (m):	218.54		

License No:	F015263	**Elevation (m):**	-43.24
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-43.24 / 218.54
Top (m):	218.54		

License No:	F015263	**Elevation (m):**	68.63
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.63 / 106.68
Top (m):	106.68		

License No:	F015263	**Elevation (m):**	-14.89
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-14.89 / 190.2
Top (m):	190.2		

License No:	F015263	**Elevation (m):**	-57.87
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-57.87 / 233.17
Top (m):	233.17		

License No:	F015263	**Elevation (m):**	168.6
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.6 / 6.71
Top (m):	6.71		

License No:	F015263	**Elevation (m):**	-24.95
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-24.95 / 200.25
Top (m):	200.25		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	W/0.0	174.9 / -0.97	Thomas DiMartile #5-Thos DiMartile #2 Bertie ON	OOGW

Licence No:	F015274	**Well Compl:**	26950

DRAFT FOR DISCUSSION

Well ID:	27358	**County:**	Welland
Well Compl ID:	26950	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015274	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93923556
Depth(m):	241.4	**Surface Long NAD83:**	-78.93899861
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93923556
Completion Date:		**Bottom Long NAD83:**	-78.93899861
Depth Reached:	1949-4-20 0:00:00	**Lot Sides (m):**	106.68 N
Capped Date:	1965-9-15 0:00:00	**E/W (m):**	426.72 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-3-14 0:00:00	**bottom long27:**	
SPUD Date:	1949-3-14 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	175	**Method:**	Well Records (1921 to 1954)
KB Elev:	175.31	**Parent:**	
TVD:	241.4	**Prod Top:**	195.68
PBTD:		**Prod Bot:**	197.51
TD Form:	Queenston	**PROPD Depth:**	
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	The Consumers' Gas Company	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Thomas DiMartile #5-Thos DiMartile #2

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015274	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		
License No:	F015274	**Elevation (m):**	59.48
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	59.48 / 115.82
Top (m):	115.82		
License No:	F015274	**Elevation (m):**	-55.42
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-55.42 / 230.73
Top (m):	230.73		
License No:	F015274	**Elevation (m):**	-28.91
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-28.91 / 204.22
Top (m):	204.22		
License No:	F015274	**Elevation (m):**	165.86
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

Source:	FORM 7	**Elevatn / Top (m):**	165.86 / 9.45
Top (m):	9.45		

License No:	F015274	**Elevation (m):**	-48.72
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-48.72 / 224.03
Top (m):	224.03		

License No:	F015274	**Elevation (m):**	-64.57
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-64.57 / 239.88
Top (m):	239.88		

License No:	F015274	**Elevation (m):**	n/a
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	9.14
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 15.24
Top (m):	15.24		

License No:	F015274	**Elevation (m):**	-22.81
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-22.81 / 198.12
Top (m):	198.12		

License No:	F015274	**Elevation (m):**	-55.43
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.43 / 230.73
Top (m):	230.73		

License No:	F015274	**Elevation (m):**	-16.72
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-16.72 / 192.02
Top (m):	192.02		

License No:	F015274	**Elevation (m):**	1.57
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	1.57 / 173.74
Top (m):	173.74		

License No:	F015274	**Elevation (m):**	59.48
Geology Formation:	Amherstburg	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	59.48 / 115.82
Top (m):	115.82		

License No:	F015274	**Elevation (m):**	-22.81
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-22.81 / 198.12
Top (m):	198.12		

License No:	F015274	**Elevation (m):**	165.86
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	165.86 / 9.45
Top (m):	9.45		

License No:	F015274	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

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

Source:	MNRF	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		
License No:	F015274	**Elevation (m):**	-18.24
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-18.24 / 193.55
Top (m):	193.55		
License No:	F015274	**Elevation (m):**	165.86
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	165.86 / 9.45
Top (m):	9.45		
License No:	F015274	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 132.59
Top (m):	132.59		
License No:	F015274	**Elevation (m):**	-64.57
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-64.57 / 239.88
Top (m):	239.88		
License No:	F015274	**Elevation (m):**	-48.72
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-48.72 / 224.03
Top (m):	224.03		
License No:	F015274	**Elevation (m):**	1.57
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	1.57 / 173.74
Top (m):	173.74		

3	1 of 1	NW/0.0	174.9 / -1.00	**Kin Mar Syndicate #35 T.A. DiMartile #7** **Bertie ON**	OOGW

Licence No:	F015272	**Well Compl:**	26948
Well ID:	27356	**County:**	Welland
Well Compl ID:	26948	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015272	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.94129056
Depth(m):	266.7	**Surface Long NAD83:**	-78.93927917
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94129056
Completion Date:		**Bottom Long NAD83:**	-78.93927917
Depth Reached:	1957-11-3 0:00:00	**Lot Sides (m):**	45.72 S
Capped Date:	1957-6-24 0:00:00	**E/W (m):**	411.48 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1957-4-12 0:00:00	**bottom long27:**	
SPUD Date:	1957-4-12 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	20.00
Grnd Elev:	175	**Method:**	Well Records (1954 to 1997)
KB Elev:	175.31	**Parent:**	
TVD:	266.7	**Prod Top:**	193.85
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	259.08

DRAFT FOR DISCUSSION

Workover D:		**Location Method:**	Well Records (1954 to 1997)
Operator:	Kin Mar Syndicate	**Location Accuracy:**	Within 20 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Dry Hole
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Kin Mar Syndicate #35 T.A. DiMartile #7

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH NO HYDROCARBONS HAVE BEEN ENCOUNTERED

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015272	**Elevation (m):**	71.37
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	71.37 / 103.94
Top (m):	103.94		

License No:	F015272	**Elevation (m):**	-45.67
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-45.67 / 220.98
Top (m):	220.98		

License No:	F015272	**Elevation (m):**	-61.22
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-61.22 / 236.52
Top (m):	236.52		

License No:	F015272	**Elevation (m):**	-54.51
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-54.51 / 229.82
Top (m):	229.82		

License No:	F015272	**Elevation (m):**	-45.67
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-45.67 / 220.98
Top (m):	220.98		

License No:	F015272	**Elevation (m):**	10.1
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	10.1 / 165.2
Top (m):	165.2		

License No:	F015272	**Elevation (m):**	-16.11
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-16.11 / 191.41
Top (m):	191.41		

License No:	F015272	**Elevation (m):**	162.5
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	162.5 / 12.8
Top (m):	12.8		

DRAFT FOR DISCUSSION

License No:	F015272	***Elevation (m):***	71.37
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	71.37 / 103.94
Top (m):	103.94		

License No:	F015272	***Elevation (m):***	-91.39
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-91.39 / 266.7
Top (m):	266.7		

License No:	F015272	***Elevation (m):***	-54.51
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-54.51 / 229.82
Top (m):	229.82		

License No:	F015272	***Elevation (m):***	162.5
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	162.5 / 12.8
Top (m):	12.8		

License No:	F015272	***Elevation (m):***	-91.39
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-91.39 / 266.7
Top (m):	266.7		

License No:	F015272	***Elevation (m):***	176.31
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF - QA Code	***Elevatn / Top (m):***	176.31 / -1
Top (m):	-1		

License No:	F015272	***Elevation (m):***	-26.47
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-26.47 / 201.78
Top (m):	201.78		

License No:	F015272	***Elevation (m):***	-26.47
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-26.47 / 201.78
Top (m):	201.78		

License No:	F015272	***Elevation (m):***	n/a
Geology Formation:	Drift	***Static Level (m):***	3.35
Type of Water:	Fresh	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 12.8
Top (m):	12.8		

License No:	F015272	***Elevation (m):***	10.1
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	10.1 / 165.2
Top (m):	165.2		

License No:	F015272	***Elevation (m):***	-61.22
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-61.22 / 236.52
Top (m):	236.52		

DRAFT FOR DISCUSSION

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

License No:	F015272	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.35
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 104.55
Top (m):	104.55		

License No:	F015272	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		

License No:	F015272	**Elevation (m):**	-16.11
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-16.11 / 191.41
Top (m):	191.41		

License No:	F015272	**Elevation (m):**	175
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	175 / 0.3
Top (m):	0.3		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	W/0.0	176.0 / 0.11	Thomas DiMartile #6-T. DiMartile #3	OOGW

Bertie ON

Licence No:	F015275	**Well Compl:**	26951
Well ID:	27359	**County:**	Welland
Well Compl ID:	26951	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015275	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93918694
Depth(m):	237.74	**Surface Long NAD83:**	-78.94050028
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93918694
Completion Date:		**Bottom Long NAD83:**	-78.94050028
Depth Reached:	1949-5-15 0:00:00	**Lot Sides (m):**	106.68 N
Capped Date:	1955-7-20 0:00:00	**E/W (m):**	304.8 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-4-22 0:00:00	**bottom long27:**	
SPUD Date:	1949-4-22 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	177	**Method:**	Well Records (1921 to 1954)
KB Elev:	176.31	**Parent:**	
TVD:	237.74	**Prod Top:**	192.02
PBTD:		**Prod Bot:**	193.55
TD Form:	Queenston	**PROPD Depth:**	259.08
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	DiMartile, T.A.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Thomas DiMartile #6-T. DiMartile #3

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

DRAFT FOR DISCUSSION

Details

License No:	F015275	***Elevation (m):***	167.77
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	167.77 / 8.53
Top (m):	8.53		

License No:	F015275	***Elevation (m):***	66.58
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	66.58 / 109.73
Top (m):	109.73		

License No:	F015275	***Elevation (m):***	176
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	176 / 0.3
Top (m):	0.3		

License No:	F015275	***Elevation (m):***	13.24
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	13.24 / 163.07
Top (m):	163.07		

License No:	F015275	***Elevation (m):***	167.77
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	167.77 / 8.53
Top (m):	8.53		

License No:	F015275	***Elevation (m):***	176
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	176 / 0.3
Top (m):	0.3		

License No:	F015275	***Elevation (m):***	-59
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-59 / 235.31
Top (m):	235.31		

License No:	F015275	***Elevation (m):***	-24.25
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-24.25 / 200.56
Top (m):	200.56		

License No:	F015275	***Elevation (m):***	-24.25
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-24.25 / 200.56
Top (m):	200.56		

License No:	F015275	***Elevation (m):***	-54.43
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-54.43 / 230.73
Top (m):	230.73		

License No:	F015275	***Elevation (m):***	-44.06
Geology Formation:	Cabot Head	***Static Level (m):***	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-44.06 / 220.37
Top (m):	220.37		

License No:	F015275	**Elevation (m):**	-59
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-59 / 235.31
Top (m):	235.31		

License No:	F015275	**Elevation (m):**	167.77
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.77 / 8.53
Top (m):	8.53		

License No:	F015275	**Elevation (m):**	-14.19
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-14.19 / 190.5
Top (m):	190.5		

License No:	F015275	**Elevation (m):**	-44.06
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-44.06 / 220.37
Top (m):	220.37		

License No:	F015275	**Elevation (m):**	-14.19
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-14.19 / 190.5
Top (m):	190.5		

License No:	F015275	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 30.48
Top (m):	30.48		

License No:	F015275	**Elevation (m):**	-54.43
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-54.43 / 230.73
Top (m):	230.73		

License No:	F015275	**Elevation (m):**	13.24
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	13.24 / 163.07
Top (m):	163.07		

License No:	F015275	**Elevation (m):**	167.77
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.77 / 8.53
Top (m):	8.53		

License No:	F015275	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 1.83
Top (m):	1.83		

License No:	F015275	**Elevation (m):**	66.58
Geology Formation:	Guelph	**Static Level (m):**	n/a

DRAFT FOR DISCUSSION

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

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	66.58 / 109.73
Top (m):	109.73		

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5 *1 of 1* *SW/0.0* *180.9 / 5.00* ***Erie Prospecting Syndicate Welland Securities No.2*** ***OOGW***

Bertie ON

Licence No:	F015183	**Well Compl:**	26793
Well ID:	27241	**County:**	Welland
Well Compl ID:	26793	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015183	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93688417
Depth(m):	214.88	**Surface Long NAD83:**	-78.93876056
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93688417
Completion Date:		**Bottom Long NAD83:**	-78.93876056
Depth Reached:		**Lot Sides (m):**	152.4 S
Capped Date:		**E/W (m):**	405.38 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:		**bottom long27:**	
SPUD Date:		**Lateral:**	No
Class:		**Accuracy:**	200.00
Grnd Elev:	181	**Method:**	
KB Elev:	181.3	**Parent:**	
TVD:	214.88	**Prod Top:**	202.69
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	
Operator:	Sider, R.M.	**Location Accuracy:**	Within 200 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Unknown

Well Name: Erie Prospecting Syndicate Welland Securities No.2
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015183	**Elevation (m):**	-62.54
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-62.54 / 243.84
Top (m):	243.84		

License No:	F015183	**Elevation (m):**	-62.54
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-62.54 / 243.84
Top (m):	243.84		

License No:	F015183	**Elevation (m):**	181
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	181 / 0.3
Top (m):	0.3		

DRAFT FOR DISCUSSION

License No:	F015183	**Elevation (m):**	-19.87
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.87 / 201.17
Top (m):	201.17		

License No:	F015183	**Elevation (m):**	164.23
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	164.23 / 17.07
Top (m):	17.07		

License No:	F015183	**Elevation (m):**	-19.87
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.87 / 201.17
Top (m):	201.17		

License No:	F015183	**Elevation (m):**	68.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.53 / 112.78
Top (m):	112.78		

License No:	F015183	**Elevation (m):**	-50.35
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-50.35 / 231.65
Top (m):	231.65		

License No:	F015183	**Elevation (m):**	11.22
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	11.22 / 170.08
Top (m):	170.08		

License No:	F015183	**Elevation (m):**	-29.01
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-29.01 / 210.31
Top (m):	210.31		

License No:	F015183	**Elevation (m):**	11.22
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	11.22 / 170.08
Top (m):	170.08		

License No:	F015183	**Elevation (m):**	164.23
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	164.23 / 17.07
Top (m):	17.07		

License No:	F015183	**Elevation (m):**	181
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	181 / 0.3
Top (m):	0.3		

License No:	F015183	**Elevation (m):**	164.23
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	164.23 / 17.07
Top (m):	17.07		

DRAFT FOR DISCUSSION

License No:	F015183	**Elevation (m):**	164.23
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	164.23 / 17.07
Top (m):	17.07		

License No:	F015183	**Elevation (m):**	-29.01
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-29.01 / 210.31
Top (m):	210.31		

License No:	F015183	**Elevation (m):**	-55.83
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-55.83 / 237.13
Top (m):	237.13		

License No:	F015183	**Elevation (m):**	-50.35
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-50.35 / 231.65
Top (m):	231.65		

License No:	F015183	**Elevation (m):**	68.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.53 / 112.78
Top (m):	112.78		

License No:	F015183	**Elevation (m):**	-55.83
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.83 / 237.13
Top (m):	237.13		

License No:	F015183	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	5.49
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 19.81
Top (m):	19.81		

License No:	F015183	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	5.49
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 131.06
Top (m):	131.06		

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6 **1 of 1** **NW/0.0** **174.9 / -0.98** **ON** **BORE**

Borehole ID:	607144	**Inclin FLG:**	No
OGF ID:	215508952	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	APR-1957	**Municipality:**	
Static Water Level:	1.3	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	42.941447
Total Depth m:	-999	**Longitude DD:**	-78.939437
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	668115
Drill Method:		**Northing:**	4756372

DRAFT FOR DISCUSSION

Orig Ground Elev m: 176
Elev Reliabil Note:
DEM Ground Elev m: 175
Concession:
Location D:
Survey D:
Comments:

Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218377690
Top Depth: 220
Bottom Depth: 229
Material Color:
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SHALE.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218377689
Top Depth: 201
Bottom Depth: 220
Material Color:
Material 1: Bedrock
Material 2: Sandstone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SANDSTONE.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218377691
Top Depth: 229
Bottom Depth: 236
Material Color:
Material 1: Bedrock
Material 2: Sandstone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SANDSTONE.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218377688
Top Depth: 191
Bottom Depth: 201
Material Color:
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218377692
Top Depth: 236
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,SHALE. 00410037034000350541003206270031066100270724002707530025077500240 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

DRAFT FOR DISCUSSION

Geology Stratum ID:	218377686	***Mat Consistency:***	
Top Depth:	103	***Material Moisture:***	
Bottom Depth:	164	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK.

Geology Stratum ID:	218377687	***Mat Consistency:***	
Top Depth:	164	***Material Moisture:***	
Bottom Depth:	191	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE.

Geology Stratum ID:	218377684	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	12.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: UNSPECIFIED.

Geology Stratum ID:	218377685	***Mat Consistency:***	
Top Depth:	12.5	***Material Moisture:***	
Bottom Depth:	103	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE. WATER STABLE AT 574.8 FEET.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: NIAGARA.txt RecordID: 058140 NTS_Sheet: 30L15E
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SE/0.0	178.0 / 2.13	Erie Prospecting Synd. No.1 Welland Securities No.4 Bertie ON	OOGW

Licence No:	F015180	**Well Compl:**	26791
Well ID:	27238	**County:**	Welland
Well Compl ID:	26791	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015180	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93701056
Depth(m):	249.02	**Surface Long NAD83:**	-78.93429944
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93701056
Completion Date:		**Bottom Long NAD83:**	-78.93429944
Depth Reached:	1951-3-17 0:00:00	**Lot Sides (m):**	150 S
Capped Date:		**E/W (m):**	348 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1951-2-10 0:00:00	**bottom long27:**	
SPUD Date:	1951-2-10 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	179	**Method:**	Well Records (1921 to 1954)
KB Elev:	179.3	**Parent:**	
TVD:	249.02	**Prod Top:**	201.47
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Erie Prospecting Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Unknown

Well Name: Erie Prospecting Synd. No.1 Welland Securities No.4
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015180	**Elevation (m):**	178.99
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	178.99 / 0.3
Top (m):	0.3		

License No:	F015180	**Elevation (m):**	-20.65
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-20.65 / 199.95
Top (m):	199.95		

License No:	F015180	**Elevation (m):**	162.23
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	162.23 / 17.07
Top (m):	17.07		

License No:	F015180	**Elevation (m):**	162.23
Geology Formation:	F Unit	**Static Level (m):**	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	162.23 / 17.07
Top (m):	17.07		

License No:	F015180	***Elevation (m):***	-30.4
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-30.4 / 209.7
Top (m):	209.7		

License No:	F015180	***Elevation (m):***	-30.4
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-30.4 / 209.7
Top (m):	209.7		

License No:	F015180	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	5.49
Type of Water:	Fresh	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 19.81
Top (m):	19.81		

License No:	F015180	***Elevation (m):***	178.99
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	178.99 / 0.3
Top (m):	0.3		

License No:	F015180	***Elevation (m):***	162.23
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	162.23 / 17.07
Top (m):	17.07		

License No:	F015180	***Elevation (m):***	-66.07
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-66.07 / 245.36
Top (m):	245.36		

License No:	F015180	***Elevation (m):***	-53.57
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-53.57 / 232.87
Top (m):	232.87		

License No:	F015180	***Elevation (m):***	-20.65
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-20.65 / 199.95
Top (m):	199.95		

License No:	F015180	***Elevation (m):***	162.23
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	162.23 / 17.07
Top (m):	17.07		

License No:	F015180	***Elevation (m):***	-59.66
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-59.66 / 238.96
Top (m):	238.96		

License No:	F015180	***Elevation (m):***	-59.66
Geology Formation:	Whirlpool	***Static Level (m):***	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-59.66 / 238.96
Top (m):	238.96		

License No:	F015180	**Elevation (m):**	10.74
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	10.74 / 168.55
Top (m):	168.55		

License No:	F015180	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	5.79
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 33.53
Top (m):	33.53		

License No:	F015180	**Elevation (m):**	10.74
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	10.74 / 168.55
Top (m):	168.55		

License No:	F015180	**Elevation (m):**	-53.57
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-53.57 / 232.87
Top (m):	232.87		

License No:	F015180	**Elevation (m):**	70.18
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	70.18 / 109.12
Top (m):	109.12		

License No:	F015180	**Elevation (m):**	70.18
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	70.18 / 109.12
Top (m):	109.12		

License No:	F015180	**Elevation (m):**	-66.07
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-66.07 / 245.36
Top (m):	245.36		

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8 | **1 of 1** | **ENE/0.0** | **175.9 / 0.00** | **Thomas KiMartile #9 - Thos. DiMartile #6** | **OOGW**

Bertie ON

Licence No:	F015271	**Well Compl:**	26947
Well ID:	27355	**County:**	Welland
Well Compl ID:	26947	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015271	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.94093389
Depth(m):	234.09	**Surface Long NAD83:**	-78.93191056
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94093389
Completion Date:		**Bottom Long NAD83:**	-78.93191056
Depth Reached:	1949-8-13 0:00:00	**Lot Sides (m):**	274.32 N
Capped Date:	1955-7-28 0:00:00	**E/W (m):**	106.68 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-7-20 0:00:00	**bottom long27:**	

DRAFT FOR DISCUSSION

SPUD Date:	1949-7-20 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	176	**Method:**	Well Records (1921 to 1954)
KB Elev:	176.31	**Parent:**	
TVD:	234.09	**Prod Top:**	203.61
PBTD:		**Prod Bot:**	
TD Form:		**PROPD Depth:**	259.08
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	DiMartile, T.A.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Thomas KiMartile #9 - Thos. DiMartile #6

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015271	**Elevation (m):**	176
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	176 / 0.3
Top (m):	0.3		

License No:	F015271	**Elevation (m):**	68.1
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.1 / 108.2
Top (m):	108.2		

License No:	F015271	**Elevation (m):**	12.32
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	12.32 / 163.98
Top (m):	163.98		

License No:	F015271	**Elevation (m):**	165.64
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	165.64 / 10.67
Top (m):	10.67		

License No:	F015271	**Elevation (m):**	68.1
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.1 / 108.2
Top (m):	108.2		

License No:	F015271	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	0.91
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 6.71
Top (m):	6.71		

License No:	F015271	**Elevation (m):**	-14.19
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-14.19 / 190.5
Top (m):	190.5		

DRAFT FOR DISCUSSION

License No:	F015271	**Elevation (m):**	165.64
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	165.64 / 10.67
Top (m):	10.67		

License No:	F015271	**Elevation (m):**	-14.19
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-14.19 / 190.5
Top (m):	190.5		

License No:	F015271	**Elevation (m):**	-43.15
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-43.15 / 219.46
Top (m):	219.46		

License No:	F015271	**Elevation (m):**	-43.15
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-43.15 / 219.46
Top (m):	219.46		

License No:	F015271	**Elevation (m):**	-24.86
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-24.86 / 201.17
Top (m):	201.17		

License No:	F015271	**Elevation (m):**	-51.68
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.68 / 227.99
Top (m):	227.99		

License No:	F015271	**Elevation (m):**	-51.68
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-51.68 / 227.99
Top (m):	227.99		

License No:	F015271	**Elevation (m):**	12.32
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	12.32 / 163.98
Top (m):	163.98		

License No:	F015271	**Elevation (m):**	176
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	176 / 0.3
Top (m):	0.3		

License No:	F015271	**Elevation (m):**	-57.78
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-57.78 / 234.09
Top (m):	234.09		

License No:	F015271	**Elevation (m):**	-24.86
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-24.86 / 201.17
Top (m):	201.17		

DRAFT FOR DISCUSSION

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

License No:	F015271	**Elevation (m):**	-57.78
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-57.78 / 234.09
Top (m):	234.09		

License No:	F015271	**Elevation (m):**	165.64
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	165.64 / 10.67
Top (m):	10.67		

License No:	F015271	**Elevation (m):**	165.64
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	165.64 / 10.67
Top (m):	10.67		

License No:	F015271	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 130.45
Top (m):	130.45		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	WNW/0.0	177.8 / 1.91	Thompson Road Fort Erie ON	EHS

Order No:	20200407200	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	13-APR-20	**Search Radius (km):**	.25
Date Received:	07-APR-20	**X:**	-78.94116208
Previous Site Name:		**Y:**	42.94184989
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	E/0.0	177.9 / 1.99	Thomas DiMartile #7-T. DiMartile #4 Bertie ON	OOGW

Licence No:	F015276	**Well Compl:**	26952
Well ID:	27360	**County:**	Welland
Well Compl ID:	26952	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015276	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93944944
Depth(m):	249.94	**Surface Long NAD83:**	-78.93118889
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93944944
Completion Date:		**Bottom Long NAD83:**	-78.93118889
Depth Reached:	1949-6-12 0:00:00	**Lot Sides (m):**	106.68 N
Capped Date:	1962-11-20 0:00:00	**E/W (m):**	1066.8 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-5-18 0:00:00	**bottom long27:**	
SPUD Date:	1949-5-18 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	178	**Method:**	Well Records (1921 to 1954)
KB Elev:	178.3	**Parent:**	
TVD:	249.94	**Prod Top:**	204.83
PBTD:		**Prod Bot:**	
TD Form:		**PROPD Depth:**	259.08

DRAFT FOR DISCUSSION

Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	DiMartile, T.A.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Thomas DiMartile #7-T. DiMartile #4

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015276	**Elevation (m):**	-29.57
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-29.57 / 207.87
Top (m):	207.87		

License No:	F015276	**Elevation (m):**	169.16
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.16 / 9.14
Top (m):	9.14		

License No:	F015276	**Elevation (m):**	65.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	65.53 / 112.78
Top (m):	112.78		

License No:	F015276	**Elevation (m):**	-60.96
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-60.96 / 239.27
Top (m):	239.27		

License No:	F015276	**Elevation (m):**	65.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	65.53 / 112.78
Top (m):	112.78		

License No:	F015276	**Elevation (m):**	7.62
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	7.62 / 170.69
Top (m):	170.69		

License No:	F015276	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		

License No:	F015276	**Elevation (m):**	169.16
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	169.16 / 9.14
Top (m):	9.14		

DRAFT FOR DISCUSSION

License No:	F015276	**Elevation (m):**	-19.51
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.51 / 197.82
Top (m):	197.82		

License No:	F015276	**Elevation (m):**	7.62
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	7.62 / 170.69
Top (m):	170.69		

License No:	F015276	**Elevation (m):**	-49.38
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-49.38 / 227.69
Top (m):	227.69		

License No:	F015276	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	121.92
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 126.49
Top (m):	126.49		

License No:	F015276	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		

License No:	F015276	**Elevation (m):**	-29.57
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-29.57 / 207.87
Top (m):	207.87		

License No:	F015276	**Elevation (m):**	169.16
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	169.16 / 9.14
Top (m):	9.14		

License No:	F015276	**Elevation (m):**	169.16
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.16 / 9.14
Top (m):	9.14		

License No:	F015276	**Elevation (m):**	-60.96
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-60.96 / 239.27
Top (m):	239.27		

License No:	F015276	**Elevation (m):**	-49.38
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-49.38 / 227.69
Top (m):	227.69		

License No:	F015276	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	17.37
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 22.86
Top (m):	22.86		

DRAFT FOR DISCUSSION

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

License No:	F015276	**Elevation (m):**	-19.51
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.51 / 197.82
Top (m):	197.82		

License No:	F015276	**Elevation (m):**	-56.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-56.39 / 234.7
Top (m):	234.7		

License No:	F015276	**Elevation (m):**	-56.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-56.39 / 234.7
Top (m):	234.7		

11	1 of 1	W/0.0	178.9 / 3.00	**Thomas DiMartile #4-T. DiMartile #1** **Bertie ON**	OOGW

Licence No:	F015273	**Well Compl:**	26949
Well ID:	27357	**County:**	Welland
Well Compl ID:	26949	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015273	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93997917
Depth(m):	238.66	**Surface Long NAD83:**	-78.94274417
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93997917
Completion Date:		**Bottom Long NAD83:**	-78.94274417
Depth Reached:	1949-3-10 0:00:00	**Lot Sides (m):**	198.12 N
Capped Date:		**E/W (m):**	121.92 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-2-2 0:00:00	**bottom long27:**	
SPUD Date:	1949-2-2 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	179	**Method:**	Well Records (1921 to 1954)
KB Elev:	179.3	**Parent:**	
TVD:	238.66	**Prod Top:**	199.95
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Di Martile, Thomas	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Private Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Unknown

Well Name: Thomas DiMartile #4-T. DiMartile #1
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL USED BY THE LAND AND MINERAL RIGHTS OWNER TO PRODUCE GAS FROM A RESERVOIR FOR PRIVATE, NON-COMMERCIAL USE
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015273	**Elevation (m):**	168.03
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.03 / 11.28
Top (m):	11.28		

License No:	F015273	**Elevation (m):**	70.49
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	70.49 / 108.81
Top (m):	108.81		

License No:	F015273	**Elevation (m):**	-8.45
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-8.45 / 187.76
Top (m):	187.76		

License No:	F015273	**Elevation (m):**	70.49
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	70.49 / 108.81
Top (m):	108.81		

License No:	F015273	**Elevation (m):**	-53.87
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-53.87 / 233.17
Top (m):	233.17		

License No:	F015273	**Elevation (m):**	-37.1
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-37.1 / 216.41
Top (m):	216.41		

License No:	F015273	**Elevation (m):**	179
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	179 / 0.3
Top (m):	0.3		

License No:	F015273	**Elevation (m):**	168.03
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.03 / 11.28
Top (m):	11.28		

License No:	F015273	**Elevation (m):**	14.1
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	14.1 / 165.2
Top (m):	165.2		

License No:	F015273	**Elevation (m):**	168.03
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.03 / 11.28
Top (m):	11.28		

License No:	F015273	**Elevation (m):**	-37.1
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-37.1 / 216.41
Top (m):	216.41		

License No:	F015273	**Elevation (m):**	-8.45
Geology Formation:	Irondequoit	**Static Level (m):**	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-8.45 / 187.76
Top (m):	187.76		

License No:	F015273	**Elevation (m):**	14.1
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	14.1 / 165.2
Top (m):	165.2		

License No:	F015273	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	129.24
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 131.06
Top (m):	131.06		

License No:	F015273	**Elevation (m):**	179
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	179 / 0.3
Top (m):	0.3		

License No:	F015273	**Elevation (m):**	-17.6
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-17.6 / 196.9
Top (m):	196.9		

License No:	F015273	**Elevation (m):**	-59.35
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-59.35 / 238.66
Top (m):	238.66		

License No:	F015273	**Elevation (m):**	-53.87
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-53.87 / 233.17
Top (m):	233.17		

License No:	F015273	**Elevation (m):**	-59.35
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-59.35 / 238.66
Top (m):	238.66		

License No:	F015273	**Elevation (m):**	168.03
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.03 / 11.28
Top (m):	11.28		

License No:	F015273	**Elevation (m):**	-17.6
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-17.6 / 196.9
Top (m):	196.9		

License No:	F015273	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.05
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 15.24
Top (m):	15.24		

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	WSW/0.0	180.1 / 4.25	Ralph Sider No.1 Welland Securities No.1 Bertie ON	OOGW

Licence No:	F015181	**Well Compl:**	26790
Well ID:	27239	**County:**	Welland
Well Compl ID:	26790	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015181	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.937205
Depth(m):	242.93	**Surface Long NAD83:**	-78.94243972
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.937205
Completion Date:		**Bottom Long NAD83:**	-78.94243972
Depth Reached:	1948-11-22 0:00:00	**Lot Sides (m):**	109.73 S
Capped Date:		**E/W (m):**	115.82 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1948-9-18 0:00:00	**bottom long27:**	
SPUD Date:	1948-9-18 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	181	**Method:**	Well Records (1921 to 1954)
KB Elev:	181.3	**Parent:**	
TVD:	242.93	**Prod Top:**	199.64
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	274.32
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Unknown

Well Name: Ralph Sider No.1 Welland Securities No.1
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015181	**Elevation (m):**	168.8
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.8 / 12.5
Top (m):	12.5		
License No:	F015181	**Elevation (m):**	168.8
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.8 / 12.5
Top (m):	12.5		
License No:	F015181	**Elevation (m):**	-53.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-53.39 / 234.7
Top (m):	234.7		
License No:	F015181	**Elevation (m):**	n/a
Geology Formation:	F Salt	**Static Level (m):**	14.02
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 20.73
Top (m):	20.73		

DRAFT FOR DISCUSSION

License No:	F015181	**Elevation (m):**	-18.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-18.34 / 199.64
Top (m):	199.64		

License No:	F015181	**Elevation (m):**	-27.49
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-27.49 / 208.79
Top (m):	208.79		

License No:	F015181	**Elevation (m):**	-48.52
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-48.52 / 229.82
Top (m):	229.82		

License No:	F015181	**Elevation (m):**	-61.01
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-61.01 / 242.32
Top (m):	242.32		

License No:	F015181	**Elevation (m):**	6.65
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	6.65 / 174.65
Top (m):	174.65		

License No:	F015181	**Elevation (m):**	-48.52
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-48.52 / 229.82
Top (m):	229.82		

License No:	F015181	**Elevation (m):**	-18.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-18.34 / 199.64
Top (m):	199.64		

License No:	F015181	**Elevation (m):**	-27.49
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-27.49 / 208.79
Top (m):	208.79		

License No:	F015181	**Elevation (m):**	68.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.53 / 112.78
Top (m):	112.78		

License No:	F015181	**Elevation (m):**	-61.01
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-61.01 / 242.32
Top (m):	242.32		

License No:	F015181	**Elevation (m):**	n/a
Geology Formation:	F Salt	**Static Level (m):**	42.06
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 48.77
Top (m):	48.77		

DRAFT FOR DISCUSSION

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

License No:	F015181	**Elevation (m):**	168.8
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	168.8 / 12.5
Top (m):	12.5		

License No:	F015181	**Elevation (m):**	-53.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-53.39 / 234.7
Top (m):	234.7		

License No:	F015181	**Elevation (m):**	6.65
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	6.65 / 174.65
Top (m):	174.65		

License No:	F015181	**Elevation (m):**	168.8
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	168.8 / 12.5
Top (m):	12.5		

License No:	F015181	**Elevation (m):**	182.3
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF - QA Code	**Elevatn / Top (m):**	182.3 / -1
Top (m):	-1		

License No:	F015181	**Elevation (m):**	68.53
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.53 / 112.78
Top (m):	112.78		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	N/0.0	177.1 / 1.20	Kin Mar Syndicate -T.A. DiMartile No.1 Bertie ON	OOGW

Licence No:	F015131	**Well Compl:**	26756
Well ID:	27178	**County:**	Welland
Well Compl ID:	26756	**Block:**	
W Class ID:		**Lot:**	3
UWI Code:	F015131	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.944325
Depth(m):	233.17	**Surface Long NAD83:**	-78.93688583
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.944325
Completion Date:		**Bottom Long NAD83:**	-78.93688583
Depth Reached:	1953-10-19 0:00:00	**Lot Sides (m):**	257 N
Capped Date:	1962-8-31 0:00:00	**E/W (m):**	214 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1953-9-19 0:00:00	**bottom long27:**	
SPUD Date:	1953-9-19 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	176	**Method:**	Well Records (1921 to 1954)
KB Elev:	176.3	**Parent:**	
TVD:	233.17	**Prod Top:**	188.67
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Kin Mar Syndicate	**Location Accuracy:**	Within 50 metres

DRAFT FOR DISCUSSION

Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well
Well Name:	Kin Mar Syndicate -T.A. DiMartile No.1		
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)		
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR		
Status Mode Desc:	A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED		
Classification Desc:			
Cement Rec:			
Comments:	Accuracy is approximate and not verified.		

Details

License No:	F015131	**Elevation (m):**	161.67
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	161.67 / 14.63
Top (m):	14.63		

License No:	F015131	**Elevation (m):**	79.68
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	79.68 / 96.62
Top (m):	96.62		

License No:	F015131	**Elevation (m):**	-10.54
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-10.54 / 186.84
Top (m):	186.84		

License No:	F015131	**Elevation (m):**	-54.74
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-54.74 / 231.04
Top (m):	231.04		

License No:	F015131	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	4.57
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 16.46
Top (m):	16.46		

License No:	F015131	**Elevation (m):**	79.68
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	79.68 / 96.62
Top (m):	96.62		

License No:	F015131	**Elevation (m):**	20.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	20.85 / 155.45
Top (m):	155.45		

License No:	F015131	**Elevation (m):**	-19.99
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.99 / 196.29
Top (m):	196.29		

License No:	F015131	**Elevation (m):**	20.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

Source:	MNRF	**Elevatn / Top (m):**	20.85 / 155.45
Top (m):	155.45		
License No:	F015131	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	1.52
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 35.97
Top (m):	35.97		
License No:	F015131	**Elevation (m):**	-19.99
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.99 / 196.29
Top (m):	196.29		
License No:	F015131	**Elevation (m):**	-50.78
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-50.78 / 227.08
Top (m):	227.08		
License No:	F015131	**Elevation (m):**	176.21
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	176.21 / 0.09
Top (m):	0.09		
License No:	F015131	**Elevation (m):**	161.67
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	161.67 / 14.63
Top (m):	14.63		
License No:	F015131	**Elevation (m):**	-50.78
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-50.78 / 227.08
Top (m):	227.08		
License No:	F015131	**Elevation (m):**	176.21
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	176.21 / 0.09
Top (m):	0.09		
License No:	F015131	**Elevation (m):**	161.67
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	161.67 / 14.63
Top (m):	14.63		
License No:	F015131	**Elevation (m):**	161.67
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	161.67 / 14.63
Top (m):	14.63		
License No:	F015131	**Elevation (m):**	-10.54
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-10.54 / 186.84
Top (m):	186.84		
License No:	F015131	**Elevation (m):**	-54.74
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

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

Source:	FORM 7	**Elevatn / Top (m):**	-54.74 / 231.04
Top (m):	231.04		

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Bertie ON

Licence No:	F015174	**Well Compl:**	26792
Well ID:	27233	**County:**	Welland
Well Compl ID:	26792	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015174	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93727611
Depth(m):	243.84	**Surface Long NAD83:**	-78.93028306
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93727611
Completion Date:		**Bottom Long NAD83:**	-78.93028306
Depth Reached:	1949-6-11 0:00:00	**Lot Sides (m):**	137.16 S
Capped Date:		**E/W (m):**	15.24 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-4-4 0:00:00	**bottom long27:**	
SPUD Date:	1949-4-4 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	180.5	**Method:**	Well Records (1921 to 1954)
KB Elev:	180.8	**Parent:**	
TVD:	243.84	**Prod Top:**	202.39
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Unknown

Well Name: Ralph Side No.3 Welland Securities No.3
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015174	**Elevation (m):**	169.22
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.22 / 11.58
Top (m):	11.58		
License No:	F015174	**Elevation (m):**	-28.6
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-28.6 / 209.4
Top (m):	209.4		
License No:	F015174	**Elevation (m):**	-56.33
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-56.33 / 237.13
Top (m):	237.13		
License No:	F015174	**Elevation (m):**	n/a

DRAFT FOR DISCUSSION

Geology Formation:	B Unit	**Static Level (m):**	5.49
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 79.25
Top (m):	79.25		

License No:	F015174	**Elevation (m):**	169.22
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	169.22 / 11.58
Top (m):	11.58		

License No:	F015174	**Elevation (m):**	-28.6
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-28.6 / 209.4
Top (m):	209.4		

License No:	F015174	**Elevation (m):**	-62.12
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-62.12 / 242.93
Top (m):	242.93		

License No:	F015174	**Elevation (m):**	180.5
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	180.5 / 0.3
Top (m):	0.3		

License No:	F015174	**Elevation (m):**	169.22
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	169.22 / 11.58
Top (m):	11.58		

License No:	F015174	**Elevation (m):**	-49.93
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-49.93 / 230.73
Top (m):	230.73		

License No:	F015174	**Elevation (m):**	68.03
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.03 / 112.78
Top (m):	112.78		

License No:	F015174	**Elevation (m):**	68.03
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.03 / 112.78
Top (m):	112.78		

License No:	F015174	**Elevation (m):**	-19.45
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.45 / 200.25
Top (m):	200.25		

License No:	F015174	**Elevation (m):**	13.16
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	13.16 / 167.64
Top (m):	167.64		

License No:	F015174	**Elevation (m):**	n/a

DRAFT FOR DISCUSSION

Geology Formation:	F Unit	**Static Level (m):**	5.49
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 14.63
Top (m):	14.63		

License No:	F015174	**Elevation (m):**	169.22
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.22 / 11.58
Top (m):	11.58		

License No:	F015174	**Elevation (m):**	13.16
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	13.16 / 167.64
Top (m):	167.64		

License No:	F015174	**Elevation (m):**	169.2
Geology Formation:	Salina Group	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.2 / 11.6
Top (m):	11.6		

License No:	F015174	**Elevation (m):**	-56.33
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-56.33 / 237.13
Top (m):	237.13		

License No:	F015174	**Elevation (m):**	-19.45
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.45 / 200.25
Top (m):	200.25		

License No:	F015174	**Elevation (m):**	-62.12
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-62.12 / 242.93
Top (m):	242.93		

License No:	F015174	**Elevation (m):**	-49.93
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-49.93 / 230.73
Top (m):	230.73		

License No:	F015174	**Elevation (m):**	180.5
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	180.5 / 0.3
Top (m):	0.3		

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Bertie ON

Licence No:	F015179	**Well Compl:**	26796
Well ID:	27237	**County:**	Welland
Well Compl ID:	26796	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015179	**Conc:**	IINR
Permit Date:		**Surface Lat NAD83:**	42.93591611
Depth(m):	295.66	**Surface Long NAD83:**	-78.93103194
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93591611

DRAFT FOR DISCUSSION

Completion Date:		**Bottom Long NAD83:**	-78.93103194
Depth Reached:	1948-2-2 0:00:00	**Lot Sides (m):**	289.6 N
Capped Date:	1948-10-25 0:00:00	**E/W (m):**	133.2 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1947-12-14 0:00:00	**bottom long27:**	
SPUD Date:	1947-12-14 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	179	**Method:**	Well Records (1921 to 1954)
KB Elev:	179.3	**Parent:**	
TVD:	295.66	**Prod Top:**	
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	228.6
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Star Gas Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Dry Hole
Classification:		**Well Status Mode:**	Abandoned Well

Well Name: Star Gas Syndicate No.1 John Barnes No.1

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH NO HYDROCARBONS HAVE BEEN ENCOUNTERED

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc:

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015179	**Elevation (m):**	174.73
Geology Formation:	Amherstburg	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	174.73 / 4.57
Top (m):	4.57		

License No:	F015179	**Elevation (m):**	180.3
Geology Formation:	Manitoulin	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF - QA Code	**Elevatn / Top (m):**	180.3 / -1
Top (m):	-1		

License No:	F015179	**Elevation (m):**	n/a
Geology Formation:	Bois Blanc	**Static Level (m):**	0.91
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 12.19
Top (m):	12.19		

License No:	F015179	**Elevation (m):**	157.96
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	157.96 / 21.34
Top (m):	21.34		

License No:	F015179	**Elevation (m):**	-29.49
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-29.49 / 208.79
Top (m):	208.79		

License No:	F015179	**Elevation (m):**	n/a
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	4.57
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 37.49

DRAFT FOR DISCUSSION

Top (m):	37.49		
License No:	F015179	**Elevation (m):**	-100.51
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-100.51 / 279.81
Top (m):	279.81		
License No:	F015179	**Elevation (m):**	-94.41
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-94.41 / 273.71
Top (m):	273.71		
License No:	F015179	**Elevation (m):**	-65.46
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-65.46 / 244.75
Top (m):	244.75		
License No:	F015179	**Elevation (m):**	-56.31
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-56.31 / 235.61
Top (m):	235.61		
License No:	F015179	**Elevation (m):**	174.73
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	174.73 / 4.57
Top (m):	4.57		
License No:	F015179	**Elevation (m):**	-94.41
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-94.41 / 273.71
Top (m):	273.71		
License No:	F015179	**Elevation (m):**	157.96
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	157.96 / 21.34
Top (m):	21.34		
License No:	F015179	**Elevation (m):**	174.73
Geology Formation:	Bois Blanc	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	174.73 / 4.57
Top (m):	4.57		
License No:	F015179	**Elevation (m):**	-88.93
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-88.93 / 268.22
Top (m):	268.22		
License No:	F015179	**Elevation (m):**	178.99
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	178.99 / 0.3
Top (m):	0.3		
License No:	F015179	**Elevation (m):**	-65.46
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-65.46 / 244.75

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Top (m): 244.75

License No: F015179 ***Elevation (m):*** 174.73
Geology Formation: Top of Bedrock ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: FORM 7 ***Elevatn / Top (m):*** 174.73 / 4.57
Top (m): 4.57

License No: F015179 ***Elevation (m):*** 180.3
Geology Formation: Cabot Head ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: MNRF - QA Code ***Elevatn / Top (m):*** 180.3 / -1
Top (m): -1

License No: F015179 ***Elevation (m):*** 31.47
Geology Formation: Guelph ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: FORM 7 ***Elevatn / Top (m):*** 31.47 / 147.83
Top (m): 147.83

License No: F015179 ***Elevation (m):*** -56.31
Geology Formation: Irondequoit ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: FORM 7 ***Elevatn / Top (m):*** -56.31 / 235.61
Top (m): 235.61

License No: F015179 ***Elevation (m):*** 31.47
Geology Formation: Guelph ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: MNRF ***Elevatn / Top (m):*** 31.47 / 147.83
Top (m): 147.83

License No: F015179 ***Elevation (m):*** -29.49
Geology Formation: Rochester ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: FORM 7 ***Elevatn / Top (m):*** -29.49 / 208.79
Top (m): 208.79

License No: F015179 ***Elevation (m):*** -88.93
Geology Formation: Cabot Head ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: MNRF ***Elevatn / Top (m):*** -88.93 / 268.22
Top (m): 268.22

License No: F015179 ***Elevation (m):*** -100.51
Geology Formation: Queenston ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: MNRF ***Elevatn / Top (m):*** -100.51 / 279.81
Top (m): 279.81

License No: F015179 ***Elevation (m):*** n/a
Geology Formation: Bois Blanc ***Static Level (m):*** 0.91
Type of Water: Fresh ***Geology/Water:*** Water
Source: n/a ***Elevatn / Top (m):*** n/a / 6.4
Top (m): 6.4

License No: F015179 ***Elevation (m):*** 178.99
Geology Formation: Drift ***Static Level (m):*** n/a
Type of Water: n/a ***Geology/Water:*** Geology
Source: MNRF ***Elevatn / Top (m):*** 178.99 / 0.3
Top (m): 0.3

License No: F015179 ***Elevation (m):*** n/a
Geology Formation: Guelph ***Static Level (m):*** 4.57
Type of Water: Sulphur ***Geology/Water:*** Water
Source: n/a ***Elevatn / Top (m):*** n/a / 179.83

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Top (m): 179.83

16 | **1 of 1** | **SSW/0.0** | **179.9 / 4.00** | **85 CROOKS ST lot 8 con 2 Fort Erie ON** | **WWIS**

Well ID: 7371483
Construction Date:
Use 1st: Test Hole
Use 2nd:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z341649
Tag: A301170
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 10/27/2020
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7320
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot: 008
Concession: 02
Concession Name: NRF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Additional Detail(s) (Map)

Bore Hole ID: 1008496355
Depth M:
Year Completed: 2020
Well Completed Dt: 09/18/2020
Audit No: Z341649
Path:

Tag No: A301170
Contractor: 7320
Latitude: 42.9342343889826
Longitude: -78.9397039370115
Y: 42.93423438430475
X: -78.93970378801177

Bore Hole Information

Bore Hole ID: 1008496355
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/18/2020
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 668113.00
North83: 4755571.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009645974
Layer: 1
Color: 6
General Color: BROWN
Material 1: 06

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Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.009999990463257
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1009645975
Layer: 2
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3: 34
Material 3 Desc: TILL
Formation Top Depth: 3.009999990463257
Formation End Depth: 3.6600000858306885
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647194
Layer: 1
Plug From: 0.0
Plug To: 0.30000001192092896
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647196
Layer: 3
Plug From: 0.7599999904632568
Plug To: 3.6600000858306885
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647195
Layer: 2
Plug From: 0.30000001192092896
Plug To: 0.7599999904632568
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1009648489
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

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Method of Construction & Well Use

Method Construction ID:	1009648490
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	BSA

Pipe Information

Pipe ID:	1009644283
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1009649148
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	-0.7599999904632568
Depth To:	0.9100000262260437
Casing Diameter:	5.099999904632568
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1009649608
Layer:	1
Slot:	010
Screen Top Depth:	0.9100000262260437
Screen End Depth:	3.6600000858306885
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.099999904632568

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009650608
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	1009650007

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Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	
Water Found Depth UOM:	

Hole Diameter

Hole ID:	1009647898
Diameter:	11.0
Depth From:	0.0
Depth To:	3.6600000858306885
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	NE/0.0	174.9 / -0.96	Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1 Bertie ON	OOGW

Licence No:	F015130	**Well Compl:**	26724
Well ID:	27177	**County:**	Welland
Well Compl ID:	26724	**Block:**	
W Class ID:		**Lot:**	2
UWI Code:	F015130	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.94367889
Depth(m):	252.37	**Surface Long NAD83:**	-78.93196889
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94367889
Completion Date:		**Bottom Long NAD83:**	-78.93196889
Depth Reached:	1951-10-22 0:00:00	**Lot Sides (m):**	179 N
Capped Date:	1965-8-11 0:00:00	**E/W (m):**	236 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1951-9-26 0:00:00	**bottom long27:**	
SPUD Date:	1951-9-26 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	178.61	**Method:**	Well Records (1921 to 1954)
KB Elev:	178.91	**Parent:**	
TVD:	252.37	**Prod Top:**	190.8
PBTD:		**Prod Bot:**	191.72
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Kin Mar Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name:	Kin Mar Syndicate (Provincial No. 558) - Roy F. Wilson No. 1
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc:	A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:	
Cement Rec:	
Comments:	Accuracy is approximate and not verified.

Details

License No:	F015130	**Elevation (m):**	-55.48
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-55.48 / 234.39
Top (m):	234.39		

DRAFT FOR DISCUSSION

License No:	F015130	**Elevation (m):**	-55.48
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.48 / 234.39
Top (m):	234.39		

License No:	F015130	**Elevation (m):**	-47.55
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-47.55 / 226.47
Top (m):	226.47		

License No:	F015130	**Elevation (m):**	12.19
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	12.19 / 166.73
Top (m):	166.73		

License No:	F015130	**Elevation (m):**	-38.11
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-38.11 / 217.02
Top (m):	217.02		

License No:	F015130	**Elevation (m):**	178.82
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	178.82 / 0.09
Top (m):	0.09		

License No:	F015130	**Elevation (m):**	166.72
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	166.72 / 12.19
Top (m):	12.19		

License No:	F015130	**Elevation (m):**	72.84
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	72.84 / 106.07
Top (m):	106.07		

License No:	F015130	**Elevation (m):**	72.84
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	72.84 / 106.07
Top (m):	106.07		

License No:	F015130	**Elevation (m):**	-38.11
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-38.11 / 217.02
Top (m):	217.02		

License No:	F015130	**Elevation (m):**	166.72
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	166.72 / 12.19
Top (m):	12.19		

License No:	F015130	**Elevation (m):**	-19.51
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.51 / 198.42
Top (m):	198.42		

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

License No:	F015130	**Elevation (m):**	166.72
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	166.72 / 12.19
Top (m):	12.19		

License No:	F015130	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	105.16
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 107.9
Top (m):	107.9		

License No:	F015130	**Elevation (m):**	178.82
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	178.82 / 0.09
Top (m):	0.09		

License No:	F015130	**Elevation (m):**	12.19
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	12.19 / 166.73
Top (m):	166.73		

License No:	F015130	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	15.85
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 18.59
Top (m):	18.59		

License No:	F015130	**Elevation (m):**	166.72
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	166.72 / 12.19
Top (m):	12.19		

License No:	F015130	**Elevation (m):**	-19.51
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.51 / 198.42
Top (m):	198.42		

License No:	F015130	**Elevation (m):**	-10.37
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-10.37 / 189.28
Top (m):	189.28		

License No:	F015130	**Elevation (m):**	-47.55
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-47.55 / 226.47
Top (m):	226.47		

License No:	F015130	**Elevation (m):**	-10.37
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-10.37 / 189.28
Top (m):	189.28		

18	***1 of 1***	***S/0.0***	***180.9 / 5.00***	***85 Crooks Street Fort Erie ON***	***EHS***

Order No:	20121128001	**Nearest Intersection:**	

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

Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	04-DEC-12	**Search Radius (km):**	.25
Date Received:	28-NOV-12	**X:**	-78.93606
Previous Site Name:		**Y:**	42.933321
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 1	S/0.0	180.9 / 5.00	85 Crook Street Fort Erie ON	EHS

Order No:	20170404074	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11-APR-17	**Search Radius (km):**	.25
Date Received:	04-APR-17	**X:**	-78.936293
Previous Site Name:		**Y:**	42.933155
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	NNE/0.0	176.9 / 1.02	Kin Mar Syndicate - Roy F. Wilson No. 3 Bertie ON	OOGW

Licence No:	F015101	**Well Compl:**	26758
Well ID:	27149	**County:**	Welland
Well Compl ID:	26758	**Block:**	
W Class ID:		**Lot:**	3
UWI Code:	F015101	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.94570778
Depth(m):	263.65	**Surface Long NAD83:**	-78.93495778
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94570778
Completion Date:		**Bottom Long NAD83:**	-78.93495778
Depth Reached:	1952-9-19 0:00:00	**Lot Sides (m):**	414 N
Capped Date:	1965-8-12 0:00:00	**E/W (m):**	72 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1952-8-19 0:00:00	**bottom long27:**	
SPUD Date:	1952-8-19 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	176.17	**Method:**	Well Records (1921 to 1954)
KB Elev:	176.47	**Parent:**	
TVD:	263.65	**Prod Top:**	192.02
PBTD:		**Prod Bot:**	193.24
TD Form:	Queenston	**PROPD Depth:**	266.7
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Kin Mar Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name:	Kin Mar Syndicate - Roy F. Wilson No. 3
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc:	A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:	
Cement Rec:	
Comments:	Accuracy is approximate and not verified.

Details

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License No:	F015101	**Elevation (m):**	160.93
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	160.93 / 15.54
Top (m):	15.54		

License No:	F015101	**Elevation (m):**	-51.52
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.52 / 227.99
Top (m):	227.99		

License No:	F015101	**Elevation (m):**	176.17
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	176.17 / 0.3
Top (m):	0.3		

License No:	F015101	**Elevation (m):**	-13.12
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-13.12 / 189.59
Top (m):	189.59		

License No:	F015101	**Elevation (m):**	-58.23
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-58.23 / 234.7
Top (m):	234.7		

License No:	F015101	**Elevation (m):**	71.01
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	71.01 / 105.46
Top (m):	105.46		

License No:	F015101	**Elevation (m):**	-42.68
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-42.68 / 219.15
Top (m):	219.15		

License No:	F015101	**Elevation (m):**	-13.12
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-13.12 / 189.59
Top (m):	189.59		

License No:	F015101	**Elevation (m):**	160.93
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	160.93 / 15.54
Top (m):	15.54		

License No:	F015101	**Elevation (m):**	-51.52
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-51.52 / 227.99
Top (m):	227.99		

License No:	F015101	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.66
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 20.73
Top (m):	20.73		

DRAFT FOR DISCUSSION

License No:	F015101	***Elevation (m):***	-24.09
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-24.09 / 200.56
Top (m):	200.56		

License No:	F015101	***Elevation (m):***	160.93
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	160.93 / 15.54
Top (m):	15.54		

License No:	F015101	***Elevation (m):***	71.01
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	71.01 / 105.46
Top (m):	105.46		

License No:	F015101	***Elevation (m):***	12.49
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	12.49 / 163.98
Top (m):	163.98		

License No:	F015101	***Elevation (m):***	176.17
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	176.17 / 0.3
Top (m):	0.3		

License No:	F015101	***Elevation (m):***	160.93
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	160.93 / 15.54
Top (m):	15.54		

License No:	F015101	***Elevation (m):***	-24.09
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-24.09 / 200.56
Top (m):	200.56		

License No:	F015101	***Elevation (m):***	12.49
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	12.49 / 163.98
Top (m):	163.98		

License No:	F015101	***Elevation (m):***	-42.68
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-42.68 / 219.15
Top (m):	219.15		

License No:	F015101	***Elevation (m):***	-58.23
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-58.23 / 234.7
Top (m):	234.7		

License No:	F015101	***Elevation (m):***	n/a
Geology Formation:	Guelph	***Static Level (m):***	
Type of Water:	Sulphur	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 106.07
Top (m):	106.07		

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	E/0.0	176.8 / 0.98	Ralph M. Sider #4 C. Towlson #1 Bertie ON	OOGW

Licence No:	F015264	**Well Compl:**	26973
Well ID:	27348	**County:**	Welland
Well Compl ID:	26973	**Block:**	
W Class ID:		**Lot:**	10
UWI Code:	F015264	**Conc:**	INR
Permit Date:		**Surface Lat NAD83:**	42.93998917
Depth(m):	241.71	**Surface Long NAD83:**	-78.92731056
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93998917
Completion Date:		**Bottom Long NAD83:**	-78.92731056
Depth Reached:	1950-1-1 0:00:00	**Lot Sides (m):**	155.45 N
Capped Date:	1967-7-11 0:00:00	**E/W (m):**	246.89 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1950-1-1 0:00:00	**bottom long27:**	
SPUD Date:	1950-1-1 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	177	**Method:**	Well Records (1921 to 1954)
KB Elev:	177.31	**Parent:**	
TVD:	241.71	**Prod Top:**	197.51
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:		**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name: Ralph M. Sider #4 C. Towlson #1
Target Desc:
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015264	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Mineral	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 23.16
Top (m):	23.16		

License No:	F015264	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 11.28
Top (m):	11.28		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	E/0.0	177.1 / 1.25	1047 Niagara River Parkway Fort Erie ON	EHS

Order No:	22040700026	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	12-APR-22	**Search Radius (km):**	.25
Date Received:	07-APR-22	**X:**	-78.92711
Previous Site Name:		**Y:**	42.93985

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

23	1 of 5	SE/0.0	181.9 / 6.00	RIO VISTA GOLF COURSE 85 CROOKS STREET FORT ERIE ON L2A 5N1	GEN

Generator Info

Generator No:	ON2606600	**Choice of Contact:**	
Approval Years:	02	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS

Waste Detail(s)

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

23	2 of 5	SE/0.0	181.9 / 6.00	RIO VISTA GOLF COURSE 85 CROOKS STREET GOLF COURSE FORT ERIE ON	GEN

Generator Info

Generator No:	ON2606600	**Choice of Contact:**	
Approval Years:	03,04,05	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	713910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Golf Courses & Country Clubs		

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

Waste Detail(s)

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

Waste Detail(s)

DRAFT FOR DISCUSSION

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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23 | **3 of 5** | **SE/0.0** | **181.9 / 6.00** | **CBJ - FORT ERIE HILLS INC.**
85 CROOKS STREET ON
Fort Erie ON | **RSC**

RSC No: 231613
RA No:
Status: FILED
Filing Date:
Date Ack:
Date Returned:
Approval Date: May 25, 2022
Cert Date:
Cert Prop Use No:
Curr Property Use:
Intended Prop Use:
Restoration Type:
Soil Type:
Criteria:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
CPU Issu Sect 1686:
Business Name: CBJ - FORT ERIE HILLS INC.
Address: 85 CROOKS STREET ON
Legal Desc:
Site Pin: 64233-0064 (LT)
Asmt Roll No:
Project Type: POST2011
Approval Type: RSC based on Phase One and Two ESAs
Applicable Standards:
PDF Link: https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=231613

X: -78.93764924076501
Y: 42.933008744908534
Latitude: 42.93300875
Longitude: -78.93764924
UTM Coordinates:
Latitude Longitude:
Accuracy Estimate:
Measurement Method:
Mailing Address:
Telephone:
Fax:
Email:
Postal Code: L2A 4H2
Ministry District:
MOE District: Niagara
SWP Area Name: Niagara Peninsula
Qual Person Name: PATRICK SHRINER
Consultant:

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23 | **4 of 5** | **SE/0.0** | **181.9 / 6.00** | **CBJ - FORT ERIE HILLS INC.**
85 CROOKS STREET ON
Fort Erie ON | **RSC**

RSC No: 231124
RA No:
Status: FILED
Filing Date:
Date Ack:
Date Returned:
Approval Date: May 5, 2022
Cert Date:
Cert Prop Use No:
Curr Property Use:
Intended Prop Use:
Restoration Type:
Soil Type:
Criteria:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
CPU Issu Sect 1686:
Business Name: CBJ - FORT ERIE HILLS INC.
Address: 85 CROOKS STREET ON
Legal Desc:
Site Pin: 64233-0064 (LT)
Asmt Roll No:

X: -78.93261686866191
Y: 42.933611301640646
Latitude: 42.9336113
Longitude: -78.93261687
UTM Coordinates:
Latitude Longitude:
Accuracy Estimate:
Measurement Method:
Mailing Address:
Telephone:
Fax:
Email:
Postal Code: L2A 4H2
Ministry District:
MOE District: Niagara
SWP Area Name: Niagara Peninsula
Qual Person Name: PATRICK SHRINER
Consultant:

DRAFT FOR DISCUSSION

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

Project Type: POST2011
Approval Type: RSC based on Phase One and Two ESAs
Applicable Standards:
PDF Link: https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=231124

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23 | **5 of 5** | **SE/0.0** | **181.9 / 6.00** | **85 Crooks**
Fort Erie ON L2A 4H2 | **EHS**

Order No:	20200708109	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	15-JUL-20	**Search Radius (km):**	.25
Date Received:	08-JUL-20	**X:**	-78.929533
Previous Site Name:		**Y:**	42.934232
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans

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24 | **1 of 1** | **SE/0.0** | **181.4 / 5.50**
ON | **WWIS**

Well ID:	7389851	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	06/17/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C50609	**Contractor:**	7464
Tag:	_NO_TAG	**Form Version:**	8
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Additional Detail(s) (Map)

Bore Hole ID:	1008685989	**Tag No:**	_NO_TAG
Depth M:		**Contractor:**	7464
Year Completed:	2021	**Latitude:**	42.9340888949652
Well Completed Dt:	02/12/2021	**Longitude:**	-78.9296474314213
Audit No:	C50609	**Y:**	42.93408889042803
Path:		**X:**	-78.92964728186949

Bore Hole Information

Bore Hole ID:	1008685989	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	668934.00
Code OB Desc:		**North83:**	4755575.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	02/12/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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25 | **1 of 1** | **SE/0.0** | **181.7 / 5.86** | **85 CROOKS ST lot 8 con 2 Fort Erie ON** | **WWIS**

Well ID:	7371481	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	10/27/2020
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z341651	**Contractor:**	7320
Tag:	A301168	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	NRF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Additional Detail(s) (Map)

Bore Hole ID:	1008496319	**Tag No:**	A301168
Depth M:		**Contractor:**	7320
Year Completed:	2020	**Latitude:**	42.9341062287718
Well Completed Dt:	09/15/2020	**Longitude:**	-78.9296100855196
Audit No:	Z341651	**Y:**	42.934106224510394
Path:		**X:**	-78.92960993711692

Bore Hole Information

Bore Hole ID:	1008496319	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	668937.00
Code OB Desc:		**North83:**	4755577.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/15/2020	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

DRAFT FOR DISCUSSION

Formation ID: 1009645971
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.009999990463257
Formation End Depth: 5.789999961853027
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1009645970
Layer: 1
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.009999990463257
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647187
Layer: 1
Plug From: 0.0
Plug To: 0.15000000596046448
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647188
Layer: 2
Plug From: 0.15000000596046448
Plug To: 2.440000057220459
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647189
Layer: 3
Plug From: 2.440000057220459
Plug To: 5.789999961853027
Plug Depth UOM: m

Method of Construction & Well Use

DRAFT FOR DISCUSSION

Method Construction ID: 1009648485
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1009648486
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HAS

Pipe Information

Pipe ID: 1009644281
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009649146
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 2.740000009536743
Casing Diameter: 5.099999904632568
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1009649606
Layer: 1
Slot: 010
Screen Top Depth: 0.7400000095367432
Screen End Depth: 5.789999961853027
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.099999904632568

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009650606
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:

DRAFT FOR DISCUSSION

Flowing: No

Water Details

Water ID: 1009650005
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM:

Hole Diameter

Hole ID: 1009647896
Diameter: 21.0
Depth From: 0.0
Depth To: 5.789999961853027
Hole Depth UOM: m
Hole Diameter UOM: cm

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26 ***1 of 1*** ***NNW/0.0*** ***175.9 / 0.00*** ***Kin Mar syndicate - R.F. Wilson No. 2*** ***OOGW***

Bertie ON

Licence No: F015102
Well ID: 27150
Well Compl ID: 26759
W Class ID:
UWI Code: F015102
Permit Date:
Depth(m): 236.22
Well Pool: Welland Pool
Completion Date:
Depth Reached: 1952-8-12 0:00:00
Capped Date:
Class ID:
DB Source:
Status as of: August 2024
Start Date: 1952-7-15 0:00:00
SPUD Date: 1952-7-15 0:00:00
Class:
Grnd Elev: 177
KB Elev: 177.3
TVD: 236.22
PBTD:
TD Form: Queenston
Workover D:
Operator: Kin Mar Syndicate
Township: Bertie
Target: CLI
Classification:

Well Compl: 26759
County: Welland
Block:
Lot: 3
Conc: FCC
Surface Lat NAD83: 42.94716278
Surface Long NAD83: -78.93892833
Bottom Lat NAD83: 42.94716278
Bottom Long NAD83: -78.93892833
Lot Sides (m): 582 N
E/W (m): 55 E
Latitude Nad27:
Longitude Nad27:
bottom lat27:
bottom long27:
Lateral: No
Accuracy: 50.00
Method: Well Records (1921 to 1954)
Parent:
Prod Top: 188.98
Prod Bot:
PROPD Depth: 266.7
Location Method: Well Records (1921 to 1954)
Location Accuracy: Within 50 metres
Dt Obtained:
Well Status Type: Natural Gas Well
Well Status Mode: Unknown

Well Name: Kin Mar syndicate - R.F. Wilson No. 2
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

DRAFT FOR DISCUSSION

License No:	F015102	**Elevation (m):**	176.99
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	176.99 / 0.3
Top (m):	0.3		

License No:	F015102	**Elevation (m):**	-47.95
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-47.95 / 225.25
Top (m):	225.25		

License No:	F015102	**Elevation (m):**	-9.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-9.85 / 187.15
Top (m):	187.15		

License No:	F015102	**Elevation (m):**	17.89
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	17.89 / 159.41
Top (m):	159.41		

License No:	F015102	**Elevation (m):**	163.58
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	163.58 / 13.72
Top (m):	13.72		

License No:	F015102	**Elevation (m):**	73.06
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	73.06 / 104.24
Top (m):	104.24		

License No:	F015102	**Elevation (m):**	163.58
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	163.58 / 13.72
Top (m):	13.72		

License No:	F015102	**Elevation (m):**	17.89
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	17.89 / 159.41
Top (m):	159.41		

License No:	F015102	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:	Black	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 106.07
Top (m):	106.07		

License No:	F015102	**Elevation (m):**	-38.19
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-38.19 / 215.49
Top (m):	215.49		

License No:	F015102	**Elevation (m):**	-19.3
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.3 / 196.6
Top (m):	196.6		

DRAFT FOR DISCUSSION

License No:	F015102	**Elevation (m):**	-54.35
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-54.35 / 231.65
Top (m):	231.65		

License No:	F015102	**Elevation (m):**	-38.19
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-38.19 / 215.49
Top (m):	215.49		

License No:	F015102	**Elevation (m):**	-19.3
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.3 / 196.6
Top (m):	196.6		

License No:	F015102	**Elevation (m):**	176.99
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	176.99 / 0.3
Top (m):	0.3		

License No:	F015102	**Elevation (m):**	163.58
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	163.58 / 13.72
Top (m):	13.72		

License No:	F015102	**Elevation (m):**	-54.35
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-54.35 / 231.65
Top (m):	231.65		

License No:	F015102	**Elevation (m):**	163.58
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	163.58 / 13.72
Top (m):	13.72		

License No:	F015102	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.05
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 19.2
Top (m):	19.2		

License No:	F015102	**Elevation (m):**	73.06
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	73.06 / 104.24
Top (m):	104.24		

License No:	F015102	**Elevation (m):**	-9.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-9.85 / 187.15
Top (m):	187.15		

License No:	F015102	**Elevation (m):**	-47.95
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-47.95 / 225.25
Top (m):	225.25		

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	1 of 1	SSE/0.0	184.8 / 8.89	85 CROOKS ST lot 8 con 2 FORT Erie ON	WWIS

Well ID: 7371482
Construction Date:
Use 1st: Test Hole
Use 2nd:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z341650
Tag: A301169
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 10/27/2020
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7320
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot: 008
Concession: 02
Concession Name: NRF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/737\7371482.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/05/2020
Year Completed: 2020
Depth (m):
Latitude: 42.9319166997312
Longitude: -78.9320240810283
X: -78.93202393248195
Y: 42.93191669572431
Path: 737\7371482.pdf

Bore Hole Information

Bore Hole ID: 1008496349
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/05/2020
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 668746.00
North83: 4755329.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009645972
Layer: 1
Color: 6

DRAFT FOR DISCUSSION

General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3: 91
Material 3 Desc: WATER-BEARING
Formation Top Depth: 0.0
Formation End Depth: 3.009999990463257
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1009645973
Layer: 2
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3: 34
Material 3 Desc: TILL
Formation Top Depth: 3.009999990463257
Formation End Depth: 5.329999923706055
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647191
Layer: 2
Plug From: 0.15000000596046448
Plug To: 1.2200000286102295
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647190
Layer: 1
Plug From: 0.0
Plug To: 0.15000000596046448
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647193
Layer: 4
Plug From: 4.71999979019165
Plug To: 5.329999923706055
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1009647192
Layer: 3
Plug From: 1.2200000286102295
Plug To: 4.71999979019165

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Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1009648488
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HAS

Method of Construction & Well Use

Method Construction ID: 1009648487
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1009644282
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009649147
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.5199999809265137
Casing Diameter: 5.099999904632568
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1009649607
Layer: 1
Slot: 010
Screen Top Depth: 1.5199999809265137
Screen End Depth: 4.570000171661377
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.099999904632568

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009650607
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m

DRAFT FOR DISCUSSION

Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1009650006
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1009647897
Diameter:	21.0
Depth From:	0.0
Depth To:	5.329999923706055
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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28 | ***1 of 1*** | ***NNE/10.5*** | ***175.5 / -0.37*** | ***Kin Mar Syndicate - T.A. DiMartile No. 1*** | ***OOGW***

Bertie ON

Licence No:	F015132	**Well Compl:**	26761
Well ID:	27179	**County:**	Welland
Well Compl ID:	26761	**Block:**	
W Class ID:		**Lot:**	3
UWI Code:	F015132	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.94704889
Depth(m):	233.48	**Surface Long NAD83:**	-78.93453556
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94704889
Completion Date:		**Bottom Long NAD83:**	-78.93453556
Depth Reached:	1952-11-21 0:00:00	**Lot Sides (m):**	565 N
Capped Date:	1955-7-25 0:00:00	**E/W (m):**	30 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1952-11-1 0:00:00	**bottom long27:**	
SPUD Date:	1952-11-1 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	175	**Method:**	Well Records (1921 to 1954)
KB Elev:	175.3	**Parent:**	
TVD:	233.48	**Prod Top:**	188.98
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	259.08
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Kin Mar Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name:	Kin Mar Syndicate - T.A. DiMartile No. 1
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc:	A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:	

DRAFT FOR DISCUSSION

Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015132	***Elevation (m):***	174.99
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	174.99 / 0.3
Top (m):	0.3		

License No:	F015132	***Elevation (m):***	16.19
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	16.19 / 159.11
Top (m):	159.11		

License No:	F015132	***Elevation (m):***	161.58
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	161.58 / 13.72
Top (m):	13.72		

License No:	F015132	***Elevation (m):***	-56.04
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-56.04 / 231.34
Top (m):	231.34		

License No:	F015132	***Elevation (m):***	16.19
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	16.19 / 159.11
Top (m):	159.11		

License No:	F015132	***Elevation (m):***	-50.25
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-50.25 / 225.55
Top (m):	225.55		

License No:	F015132	***Elevation (m):***	161.58
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	161.58 / 13.72
Top (m):	13.72		

License No:	F015132	***Elevation (m):***	72.28
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	72.28 / 103.02
Top (m):	103.02		

License No:	F015132	***Elevation (m):***	-50.25
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-50.25 / 225.55
Top (m):	225.55		

License No:	F015132	***Elevation (m):***	174.99
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	174.99 / 0.3
Top (m):	0.3		

DRAFT FOR DISCUSSION

License No:	F015132	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.35
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 14.33
Top (m):	14.33		

License No:	F015132	**Elevation (m):**	72.28
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	72.28 / 103.02
Top (m):	103.02		

License No:	F015132	**Elevation (m):**	-11.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-11.85 / 187.15
Top (m):	187.15		

License No:	F015132	**Elevation (m):**	-56.04
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-56.04 / 231.34
Top (m):	231.34		

License No:	F015132	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 21.03
Top (m):	21.03		

License No:	F015132	**Elevation (m):**	-40.5
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-40.5 / 215.8
Top (m):	215.8		

License No:	F015132	**Elevation (m):**	161.58
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	161.58 / 13.72
Top (m):	13.72		

License No:	F015132	**Elevation (m):**	-19.77
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-19.77 / 195.07
Top (m):	195.07		

License No:	F015132	**Elevation (m):**	-11.85
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-11.85 / 187.15
Top (m):	187.15		

License No:	F015132	**Elevation (m):**	-40.5
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-40.5 / 215.8
Top (m):	215.8		

License No:	F015132	**Elevation (m):**	161.58
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	161.58 / 13.72
Top (m):	13.72		

DRAFT FOR DISCUSSION

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

License No:	F015132	**Elevation (m):**	-19.77
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.77 / 195.07
Top (m):	195.07		

29 **1 of 1** **NW/14.2** **179.9 / 4.00** **lot 4 ON** **WWIS**

Well ID:	6600033	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Irrigation	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	12/07/1960
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	004
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600033.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/21/1960
Year Completed:	1960
Depth (m):	20.4216
Latitude:	42.9470168524129
Longitude:	-78.9439709374965
X:	-78.94397078858472
Y:	42.94701684781219
Path:	660\6600033.pdf

Bore Hole Information

Bore Hole ID:	10459767	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667730.10
Code OB Desc:		**North83:**	4756982.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	09/21/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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Overburden and Bedrock Materials Interval

Formation ID:	932587832
Layer:	4
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587829
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587831
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	19.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587833
Layer:	5
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	

DRAFT FOR DISCUSSION

Material 3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587830
Layer: 2
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587834
Layer: 6
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600033
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008337
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746527
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65.0

DRAFT FOR DISCUSSION

Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930746528
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	67.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600033
Pump Set At:	
Static Level:	19.0
Final Level After Pumping:	44.0
Recommended Pump Depth:	44.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933947258
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	ESE/15.2	181.9 / 6.03	RIO VISTA GOLF COURSE CROOKS STREET AND BOWEN ROAD FORT ERIE ON L2A 5N1	GEN

Generator Info

Generator No:	ON2606600	**Choice of Contact:**	
Approval Years:	00,01	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9651
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	GOLF COURSES		

DRAFT FOR DISCUSSION

Waste Detail(s)

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

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31 ***1 of 1*** ***E/18.8*** ***178.7 / 2.88*** ***ON*** ***BORE***

Borehole ID:	607167	***Inclin FLG:***	No
OGF ID:	215508975	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	DEC-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:	Not Used	***Township:***	
Sec. Water Use:		***Latitude DD:***	42.938704
Total Depth m:	6.1	***Longitude DD:***	-78.92715
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	669125
Drill Method:	Power auger	***Northing:***	4756092
Orig Ground Elev m:	178	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	179		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377766	***Mat Consistency:***	Firm
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Organic	***Depositional Gen:***	organic
Gsc Material Description:			
Stratum Description:	LOAM,CLAY,SILT, ORGANIC. BROWN,FIRM.		

Geology Stratum ID:	218377767	***Mat Consistency:***	Stiff
Top Depth:	.5	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND, GRAVEL. BROWN,LACUSTRINE,STIFF.		

Geology Stratum ID:	218377769	***Mat Consistency:***	Soft
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,SILT,GRAVEL. VERY SOFT.		

DRAFT FOR DISCUSSION

Geology Stratum ID:	218377770	**Mat Consistency:**	Hard
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	4.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,CLAY,GRAVEL. BROWN,GLACIAL,HARD.		

Geology Stratum ID:	218377768	**Mat Consistency:**	Stiff
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,ORGANIC, GRAVEL. BROWN,LACUSTRINE,STIFF.		

Geology Stratum ID:	218377771	**Mat Consistency:**	Hard
Top Depth:	4.2	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	TILL,CLAY,SILT, GRAVEL. BROWN,GLACIAL,HARD. 020 020 026 013 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 058370 NTS_Sheet: 30L15E		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

32 | ***1 of 1*** | ***NNE/23.4*** | ***174.9 / -1.00*** | ***lot 3 ON*** | ***WWIS***

Well ID:	6603283	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Abandoned-Quality	**Date Received:**	11/02/1978
Water Type:		**Selected Flag:**	TRUE

DRAFT FOR DISCUSSION

Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3640
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6603283.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/11/1978
Year Completed:	1978
Depth (m):	22.2504
Latitude:	42.9468438073848
Longitude:	-78.9338642292748
X:	-78.93386408011133
Y:	42.94684380237729
Path:	660\6603283.pdf

Bore Hole Information

Bore Hole ID:	10462898	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	668555.10
Code OB Desc:		**North83:**	4756983.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/11/1978	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932597653
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

DRAFT FOR DISCUSSION

Overburden and Bedrock Materials Interval

Formation ID:	932597654
Layer:	2
Color:	3
General Color:	BLUE
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	32.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932597655
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966603283
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11011468
Casing No:	1
Comment:	
Alt Name:	

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996603283
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft

DRAFT FOR DISCUSSION

Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933950514
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	70.0
Water Found Depth UOM:	ft

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33 | ***1 of 1*** | ***ENE/24.6*** | ***174.9 / -0.97*** | ***lot 10 con 1 ON*** | ***WWIS***

Well ID:	6600455	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	01/25/1951
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3809
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	010
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	NRF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600455.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/28/1948
Year Completed:	1948
Depth (m):	7.9248
Latitude:	42.9420767478962
Longitude:	-78.9271955642503
X:	-78.92719541485995
Y:	42.942076743481344
Path:	660\6600455.pdf

Bore Hole Information

Bore Hole ID:	10460189	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	669112.20
Code OB Desc:		***North83:***	4756467.00
Open Hole:		***Org CS:***	

DRAFT FOR DISCUSSION

Cluster Kind:
Date Completed: 07/28/1948
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 932588919
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932588918
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600455
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008759
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

DRAFT FOR DISCUSSION

Casing ID:	930747341
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930747342
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	26.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600455
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	0.0
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:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933947717
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	24.0
Water Found Depth UOM:	ft

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34 ***1 of 1*** ***ESE/34.0*** ***180.9 / 5.00*** ***R.M. Sider No. 5 - Welland Securities No. 4*** ***OOGW***

Bertie ON

Licence No:	F015105	***Well Compl:***	26828
Well ID:	27153	***County:***	Welland
Well Compl ID:	26828	***Block:***	
W Class ID:		***Lot:***	9
UWI Code:	F015105	***Conc:***	INR
Permit Date:		***Surface Lat NAD83:***	42.93661694
Depth(m):	254.51	***Surface Long NAD83:***	-78.92943972

DRAFT FOR DISCUSSION

Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93661694
Completion Date:		**Bottom Long NAD83:**	-78.92943972
Depth Reached:	1951-9-14 0:00:00	**Lot Sides (m):**	182.88 N
Capped Date:		**E/W (m):**	15.24 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1951-8-13 0:00:00	**bottom long27:**	
SPUD Date:	1951-8-13 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	181	**Method:**	Well Records (1921 to 1954)
KB Elev:	181.3	**Parent:**	
TVD:	254.51	**Prod Top:**	200.25
PBTD:		**Prod Bot:**	201.17
TD Form:	Queenston	**PROPD Depth:**	251.46
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Unknown

Well Name: R.M. Sider No. 5 - Welland Securities No. 4

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS

Classification Desc:

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015105	**Elevation (m):**	-49.43
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-49.43 / 230.73
Top (m):	230.73		

License No:	F015105	**Elevation (m):**	163.01
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	163.01 / 18.29
Top (m):	18.29		

License No:	F015105	**Elevation (m):**	-28.1
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-28.1 / 209.4
Top (m):	209.4		

License No:	F015105	**Elevation (m):**	64.87
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	64.87 / 116.43
Top (m):	116.43		

License No:	F015105	**Elevation (m):**	163.01
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	163.01 / 18.29
Top (m):	18.29		

License No:	F015105	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	8.53
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 28.65

DRAFT FOR DISCUSSION

Top (m):	28.65		
License No:	F015105	**Elevation (m):**	181
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	181 / 0.3
Top (m):	0.3		
License No:	F015105	**Elevation (m):**	64.87
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	64.87 / 116.43
Top (m):	116.43		
License No:	F015105	**Elevation (m):**	-18.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-18.34 / 199.64
Top (m):	199.64		
License No:	F015105	**Elevation (m):**	181
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	181 / 0.3
Top (m):	0.3		
License No:	F015105	**Elevation (m):**	-55.53
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-55.53 / 236.83
Top (m):	236.83		
License No:	F015105	**Elevation (m):**	-28.1
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-28.1 / 209.4
Top (m):	209.4		
License No:	F015105	**Elevation (m):**	-64.06
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-64.06 / 245.36
Top (m):	245.36		
License No:	F015105	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 48.77
Top (m):	48.77		
License No:	F015105	**Elevation (m):**	-64.06
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-64.06 / 245.36
Top (m):	245.36		
License No:	F015105	**Elevation (m):**	163.01
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	163.01 / 18.29
Top (m):	18.29		
License No:	F015105	**Elevation (m):**	-49.43
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-49.43 / 230.73

DRAFT FOR DISCUSSION

Top (m):	230.73		
License No:	F015105	**Elevation (m):**	12.14
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	12.14 / 169.16
Top (m):	169.16		
License No:	F015105	**Elevation (m):**	-55.53
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.53 / 236.83
Top (m):	236.83		
License No:	F015105	**Elevation (m):**	12.14
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	12.14 / 169.16
Top (m):	169.16		
License No:	F015105	**Elevation (m):**	163.01
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	163.01 / 18.29
Top (m):	18.29		
License No:	F015105	**Elevation (m):**	-18.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-18.34 / 199.64
Top (m):	199.64		

35	1 of 2	SE/35.1	182.9 / 7.02	**RIO VISTA GOLF COURSE** **100 Dodds Court GOLF COURSE** **FORT ERIE ON**	GEN

Generator Info

Generator No:	ON2606600	**Choice of Contact:**	
Approval Years:	06,07,08	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	713910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Golf Courses and Country Clubs		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	2 of 2	SE/35.1	182.9 / 7.02	RIO VISTA GOLF COURSE 100 Dodds Court GOLF COURSE FORT ERIE ON	GEN

Generator Info

Generator No:	ON2606600	**Choice of Contact:**	
Approval Years:	2009	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	713910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Golf Courses and Country Clubs		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	1 of 1	E/36.5	177.8 / 1.96	ON	BORE

Borehole ID:	607166	**Inclin FLG:**	No
OGF ID:	215508974	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	DEC-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.938778
Total Depth m:	3	**Longitude DD:**	-78.926289
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	669195
Drill Method:	Power auger	**Northing:**	4756102
Orig Ground Elev m:	176	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	178		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377762	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	

DRAFT FOR DISCUSSION

Bottom Depth:	.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:		**Depositional Gen:**	organic
Gsc Material Description:			
Stratum Description:	LOAM,CLAY,ORGANIC. FIRM.		

Geology Stratum ID:	218377765	**Mat Consistency:**	Firm
Top Depth:	2.8	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SAND,GRAVEL. LACUSTRINE,FIRM. 0000001600013045000700280009101700 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218377763	**Mat Consistency:**	Hard
Top Depth:	.4	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,LACUSTRINE,HARD.		

Geology Stratum ID:	218377764	**Mat Consistency:**	Stiff
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SAND,SILT, GRAVEL. BROWN,LACUSTRINE,STIFF.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 058360 NTS_Sheet: 30L15E		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	ENE/42.8	174.7 / -1.15	lot 10 con 1 ON	WWIS

Well ID:	6600456	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Abandoned-Supply	**Date Received:**	01/25/1951
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3809
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	010
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	NRF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600456.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/15/1948
Year Completed:	1948
Depth (m):	6.7056
Latitude:	42.9421682637939
Longitude:	-78.9282710740125
X:	-78.92827092517943
Y:	42.942168259722024
Path:	660\6600456.pdf

Bore Hole Information

Bore Hole ID:	10460190	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	669024.20
Code OB Desc:		**North83:**	4756475.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	07/15/1948	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932588920
Layer:	1
Color:	7
General Color:	RED

DRAFT FOR DISCUSSION

Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966600456
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11008760
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930747343
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

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38 | ***1 of 1*** | ***NW/46.9*** | ***177.4 / 1.51*** | ***1625 Niagara Parkway Fort Erie ON L2A 5M4*** | ***SPL***

Ref No:	4574-8G2JNT	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	12/25/2010	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	4/18/2011	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			

MOE Response:	No Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	Private Residence<UNOFFICIAL>
Site Address:	1625 Niagara Parkway
Site Region:	
Site Municipality:	Fort Erie
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	

DRAFT FOR DISCUSSION

Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	Other Discharges
Incident Preceding Spill:	
Incident Reason:	Fire/Explosion - Resulting from fires/explosions (Not occurrences which cause a fire or explosion)
Incident Summary:	House Fire Water Elevated Benzene to Basement
Environment Impact:	Confirmed
Health Env Consequence:	
Nature of Impact:	Other Impact(s)
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Other
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

39 ***1 of 1*** ***NNW/49.1*** ***175.3 / -0.55*** ***Canadian Niagara Power Inc.***
1553 Niagara Parkway
Fort Erie ON ***SPL***

Ref No:	6010-9MX5AR	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2014/08/12	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2014/08/12	***Impact to Health:***	
Dt Document Closed:	2014/10/17	***Agency Involved:***	

Site No:	NA
MOE Response:	No Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	Residential backyards<UNOFFICIAL>
Site Address:	1553 Niagara Parkway
Site Region:	
Site Municipality:	Fort Erie
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	Canadian Niagara Power Inc.
Client Type:	
Source Type:	
Incident Cause:	Leak/Break
Incident Preceding Spill:	
Incident Reason:	Weather Conditions
Incident Summary:	Can Niagara Pwr: non-PCB trans oil spill
Environment Impact:	Confirmed

DRAFT FOR DISCUSSION

Health Env Consequence:	
Nature of Impact:	Soil Contamination
Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Contaminant Code:	15
Contaminant Name:	TRANSFORMER OIL (N.O.S.)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Transformer
SAC Action Class:	Primary Assessment of Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

40 | **1 of 1** | **WNW/50.0** | **179.9 / 4.00** | **2435 Thompson Rd Fort Erie ON L2A5M4** | **EHS**

Order No:	20130708019	**Nearest Intersection:**	
Status:	C	**Municipality:**	Regional Municipality of Niagara
Report Type:	Site Report	**Client Prov/State:**	ON
Report Date:	09-JUL-13	**Search Radius (km):**	0
Date Received:	08-JUL-13	**X:**	-78.944937
Previous Site Name:		**Y:**	42.942055
Lot/Building Size:			
Additional Info Ordered:			

41 | **1 of 1** | **W/50.9** | **179.9 / 4.00** | **2343 Thompson Rd lot 10 con 3 Fort Erie ON** | **WWIS**

Well ID:	7384810	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	04/16/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z356131	**Contractor:**	7713
Tag:	A314628	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	010
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	NRF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7384810.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/09/2021

DRAFT FOR DISCUSSION

Year Completed:	2021
Depth (m):	
Latitude:	42.9395138399067
Longitude:	-78.9448592445089
X:	-78.94485909607866
Y:	42.939513835809834
Path:	738\7384810.pdf

Bore Hole Information

Bore Hole ID:	1008647345	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667678.00
Code OB Desc:		**North83:**	4756147.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/09/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1009834564
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	02
Material 2 Desc:	TOPSOIL
Material 3:	81
Material 3 Desc:	SANDY
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009834565
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock

DRAFT FOR DISCUSSION

Materials Interval

Formation ID:	1009834566
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	40.79999923706055
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009835455
Layer:	1
Plug From:	0.0
Plug To:	21.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1009836502
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1009722239
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1009836756
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009837555
Pump Set At:	39.0
Static Level:	20.100000381469727
Final Level After Pumping:	22.0
Recommended Pump Depth:	35.0
Pumping Rate:	18.0
Flowing Rate:	

DRAFT FOR DISCUSSION

Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1009838674
Test Type: Draw Down
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838684
Test Type: Recovery
Test Duration: 30
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838686
Test Type: Recovery
Test Duration: 50
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838664
Test Type: Draw Down
Test Duration: 3
Test Level: 20.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838669
Test Type: Draw Down
Test Duration: 20
Test Level: 21.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838671
Test Type: Draw Down
Test Duration: 30
Test Level: 21.399999618530273
Test Level UOM: ft

Draw Down & Recovery

DRAFT FOR DISCUSSION

Pump Test Detail ID: 1009838675
Test Type: Recovery
Test Duration: 1
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838677
Test Type: Recovery
Test Duration: 3
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838683
Test Type: Recovery
Test Duration: 25
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838685
Test Type: Recovery
Test Duration: 40
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838662
Test Type: Draw Down
Test Duration: 1
Test Level: 20.200000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838678
Test Type: Recovery
Test Duration: 4
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838663
Test Type: Draw Down
Test Duration: 2
Test Level: 20.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838666
Test Type: Draw Down
Test Duration: 5
Test Level: 20.700000762939453

DRAFT FOR DISCUSSION

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838670
Test Type: Draw Down
Test Duration: 25
Test Level: 21.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838672
Test Type: Draw Down
Test Duration: 40
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838676
Test Type: Recovery
Test Duration: 2
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838687
Test Type: Recovery
Test Duration: 60
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838665
Test Type: Draw Down
Test Duration: 4
Test Level: 20.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838673
Test Type: Draw Down
Test Duration: 50
Test Level: 21.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838680
Test Type: Recovery
Test Duration: 10
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

DRAFT FOR DISCUSSION

Pump Test Detail ID: 1009838667
Test Type: Draw Down
Test Duration: 10
Test Level: 21.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838679
Test Type: Recovery
Test Duration: 5
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838681
Test Type: Recovery
Test Duration: 15
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838682
Test Type: Recovery
Test Duration: 20
Test Level: 20.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009838668
Test Type: Draw Down
Test Duration: 15
Test Level: 21.200000762939453
Test Level UOM: ft

Water Details

Water ID: 1009837240
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1009836080
Diameter: 6.0
Depth From: 21.0
Depth To: 40.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1009836079

DRAFT FOR DISCUSSION

Diameter:	10.0
Depth From:	0.0
Depth To:	21.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

42 **1 of 1** **NW/52.3** **179.9 / 4.00** **lot 5 ON** **WWIS**

Well ID:	6600037	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/10/1961
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600037.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/07/1961
Year Completed:	1961
Depth (m):	20.7264
Latitude:	42.9457497475007
Longitude:	-78.945116283657
X:	-78.9451161349233
Y:	42.9457497434644
Path:	660\6600037.pdf

Bore Hole Information

Bore Hole ID:	10459771	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667640.10
Code OB Desc:		**North83:**	4756839.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	07/07/1961	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

DRAFT FOR DISCUSSION

Overburden and Bedrock Materials Interval

Formation ID:	932587852
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587854
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587853
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587851
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	

DRAFT FOR DISCUSSION

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600037
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008341
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746534
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 56.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930746535
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 68.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996600037
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 23.0
Recommended Pump Depth: 25.0
Pumping Rate: 10.0
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: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30

DRAFT FOR DISCUSSION

Flowing: No

Water Details

Water ID: 933947262
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 66.0
Water Found Depth UOM: ft

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43 | ***1 of 1*** | ***ESE/54.1*** | ***180.9 / 5.00*** | ***Consumers Niagara Land Well No.561*** | ***OOGW***

Bertie ON

Licence No: F015178
Well ID: 27236
Well Compl ID: 26822
W Class ID:
UWI Code: F015178
Permit Date:
Depth(m):
Well Pool: Welland Pool
Completion Date:
Depth Reached:
Capped Date: 1990-1-11 0:00:00
Class ID:
DB Source:
Status as of: August 2024
Start Date:
SPUD Date:
Class:
Grnd Elev: 181.7
KB Elev: 182
TVD:
PBTD:
TD Form: Queenston
Workover D:
Operator: Consumers' Gas Company
Township: Bertie
Target: CLI
Classification:
Well Compl: 26822
County: Welland
Block:
Lot: 9
Conc: INR
Surface Lat NAD83: 42.93661639
Surface Long NAD83: -78.92918444
Bottom Lat NAD83: 42.93661639
Bottom Long NAD83: -78.92918444
Lot Sides (m): 182.36 N
E/W (m): 35.36 E
Latitude Nad27:
Longitude Nad27:
bottom lat27:
bottom long27:
Lateral: No
Accuracy: 20.00
Method: Well Records (1954 to 1997)
Parent:
Prod Top:
Prod Bot:
PROPD Depth:
Location Method: Well Records (1954 to 1997)
Location Accuracy: Within 20 metres
Dt Obtained:
Well Status Type: Natural Gas Well
Well Status Mode: Abandoned Well
Well Name: Consumers Niagara Land Well No.561
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

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44 | ***1 of 1*** | ***E/57.4*** | ***179.9 / 4.00*** | ***ON*** | ***AST***

OGF ID: 600970690
Sub Type: Water Tank
Sub Type No: 1331
Location Accuracy: Within 10 metres
Sensitivity Class: Non-Sensitive
Sensitivity Date: 20070106
Sensitivity Rationale: No Restriction Needed
Verification Flag: Verified
Verification Date: 19980508

DRAFT FOR DISCUSSION

Business Effective Dt Flag:	Estimated
Business Effective Dt:	19980508
Sys Calcu Area:	283.969
Sys Calcu Length:	0.0
User Calc Metric:	0.0
Effective Date/Time:	19980508

45 ***1 of 1*** ***NW/58.2*** ***178.5 / 2.62*** ***181 Mackenzie St lot 5 Fort Erie ON*** ***WWIS***

Well ID:	7398947	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Water Supply	***Date Received:***	09/23/2021
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z326140	***Contractor:***	7179
Tag:	A324400	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	005
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	GI U
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008801760	***Tag No:***	A324400
Depth M:		***Contractor:***	7179
Year Completed:	2021	***Latitude:***	42.9474361721081
Well Completed Dt:	08/21/2021	***Longitude:***	-78.9452575138065
Audit No:	Z326140	***Y:***	42.94743616751412
Path:		***X:***	-78.94525736517245

Bore Hole Information

Bore Hole ID:	1008801760	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	667624.00
Code OB Desc:		***North83:***	4757026.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	08/21/2021	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gis
Location Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

DRAFT FOR DISCUSSION

Formation ID: 1010011025
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 16.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1010011023
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3: 27
Material 3 Desc: OTHER
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1010011026
Layer: 4
Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3: 71
Material 3 Desc: FRACTURED
Formation Top Depth: 27.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1010011024
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 12
Material 2 Desc: STONES
Material 3: 27
Material 3 Desc: OTHER
Formation Top Depth: 2.0

DRAFT FOR DISCUSSION

Formation End Depth: 16.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1010011648
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1010012464
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1009894270
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1010012788
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 27.0
Depth To: 45.0
Casing Diameter: 6.25
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1010012787
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -16.0
Depth To: 27.0
Casing Diameter: 6.25
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1010013488
Pump Set At: 42.0
Static Level: 7.0
Final Level After Pumping: 21.600000381469727
Recommended Pump Depth: 42.0
Pumping Rate: 10.0
Flowing Rate:

DRAFT FOR DISCUSSION

Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1010014952
Test Type: Draw Down
Test Duration: 20
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014956
Test Type: Draw Down
Test Duration: 50
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014962
Test Type: Recovery
Test Duration: 5
Test Level: 11.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014946
Test Type: Draw Down
Test Duration: 2
Test Level: 10.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014959
Test Type: Recovery
Test Duration: 2
Test Level: 17.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014968
Test Type: Recovery
Test Duration: 40
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

DRAFT FOR DISCUSSION

Pump Test Detail ID: 1010014948
Test Type: Draw Down
Test Duration: 4
Test Level: 13.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014954
Test Type: Draw Down
Test Duration: 30
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014958
Test Type: Recovery
Test Duration: 1
Test Level: 19.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014966
Test Type: Recovery
Test Duration: 25
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014945
Test Type: Draw Down
Test Duration: 1
Test Level: 9.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014949
Test Type: Draw Down
Test Duration: 5
Test Level: 15.199999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014953
Test Type: Draw Down
Test Duration: 25
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014951
Test Type: Draw Down
Test Duration: 15
Test Level: 21.600000381469727

DRAFT FOR DISCUSSION

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014964
Test Type: Recovery
Test Duration: 15
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014950
Test Type: Draw Down
Test Duration: 10
Test Level: 19.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014961
Test Type: Recovery
Test Duration: 4
Test Level: 13.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014970
Test Type: Recovery
Test Duration: 60
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014947
Test Type: Draw Down
Test Duration: 3
Test Level: 12.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014955
Test Type: Draw Down
Test Duration: 40
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014957
Test Type: Draw Down
Test Duration: 60
Test Level: 21.600000381469727
Test Level UOM: ft

Draw Down & Recovery

DRAFT FOR DISCUSSION

Pump Test Detail ID: 1010014960
Test Type: Recovery
Test Duration: 3
Test Level: 15.100000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014965
Test Type: Recovery
Test Duration: 20
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014963
Test Type: Recovery
Test Duration: 10
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014967
Test Type: Recovery
Test Duration: 30
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1010014969
Test Type: Recovery
Test Duration: 50
Test Level: 7.0
Test Level UOM: ft

Water Details

Water ID: 1010013213
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 43.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1010012130
Diameter: 6.25
Depth From: 20.0
Depth To: 45.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1010012129

DRAFT FOR DISCUSSION

Diameter:	10.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

46 **1 of 1** **E/58.7** **179.9 / 4.00** **ON** **BORE**

Borehole ID:	607168	**Inclin FLG:**	No
OGF ID:	215508976	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	DEC-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.938344
Total Depth m:	4.6	**Longitude DD:**	-78.927162
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	669125
Drill Method:	Power auger	**Northing:**	4756052
Orig Ground Elev m:	179	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	179		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377774	**Mat Consistency:**	Dense
Top Depth:	3.8	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL. DENSE. 020 00000008000130790012510OD,SILT, **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218377773	**Mat Consistency:**	Hard
Top Depth:	.4	**Material Moisture:**	
Bottom Depth:	3.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SAND,SILT, GRAVEL. BROWN,LACUSTRINE,HARD.		

Geology Stratum ID:	218377772	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:		**Depositional Gen:**	organic
Gsc Material Description:			

DRAFT FOR DISCUSSION

Stratum Description: LOAM,CLAY,ORGANIC. BROWN,FIRM.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: NIAGARA.txt RecordID: 058380 NTS_Sheet: 30L15E
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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47 | ***1 of 1*** | ***WSW/59.0*** | ***184.9 / 9.00*** | ***lot 9 con 3 ON*** | ***WWIS***

Well ID:	6600489	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/26/1952
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4754
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	009
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	NRF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600489.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/20/1951
Year Completed:	1951
Depth (m):	7.9248
Latitude:	42.9349021282901
Longitude:	-78.9437859240554
X:	-78.94378577532778
Y:	42.93490212373781
Path:	660\6600489.pdf

Bore Hole Information

Bore Hole ID:	10460223	***Elevation:***	

DRAFT FOR DISCUSSION

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667778.10
Code OB Desc:		**North83:**	4755637.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/20/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932589026
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932589027
Layer: 2
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600489
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008793
Casing No: 1

DRAFT FOR DISCUSSION

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930747406
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996600489
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933947752
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	26.0
Water Found Depth UOM:	ft

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48 | ***1 of 1*** | ***WNW/60.3*** | ***179.9 / 4.00*** | ***lot 5 ON*** | ***WWIS***

Well ID:	6600039	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	08/20/1963
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5425
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	005
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	GI U
Overburden/Bedrock:		***Easting NAD83:***	

DRAFT FOR DISCUSSION

Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600039.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/08/1963
Year Completed:	1963
Depth (m):	18.288
Latitude:	42.9421199187706
Longitude:	-78.9450654624442
X:	-78.9450653130535
Y:	42.942119914720934
Path:	660\6600039.pdf

Bore Hole Information

Bore Hole ID:	10459773	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667654.10
Code OB Desc:		**North83:**	4756436.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	06/08/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932587863
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587864
Layer:	3
Color:	
General Color:	

DRAFT FOR DISCUSSION

Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587862
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587865
Layer: 4
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600039
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008343
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746538

DRAFT FOR DISCUSSION

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600039
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	40.0
Pumping Rate:	5.0
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 Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933947264
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

49 | ***1 of 1*** | ***NW/64.1*** | ***178.9 / 3.00*** | ***lot 5 ON*** | ***WWIS***

Well ID:	6600038	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/26/1962
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600038.pdf

DRAFT FOR DISCUSSION

Additional Detail(s) (Map)

Well Completed Date:	12/02/1961
Year Completed:	1961
Depth (m):	17.9832
Latitude:	42.946920326013
Longitude:	-78.9451141041786
X:	-78.94511395551393
Y:	42.946920321747
Path:	660\6600038.pdf

Bore Hole Information

Bore Hole ID:	10459772	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	667637.10
Code OB Desc:		***North83:***	4756969.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/02/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932587860
Layer:	6
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	53.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587861
Layer:	7
Color:	3
General Color:	BLUE
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	57.0

DRAFT FOR DISCUSSION

Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587856
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587858
Layer: 4
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 36.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587857
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 36.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587859
Layer: 5
Color:
General Color:
Material 1: 05

DRAFT FOR DISCUSSION

Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	41.0
Formation End Depth:	53.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587855
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966600038
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11008342
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930746536
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930746537
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	59.0
Casing Diameter:	6.0

DRAFT FOR DISCUSSION

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600038
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	32.0
Recommended Pump Depth:	30.0
Pumping Rate:	5.0
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 Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933947263
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

50 ***1 of 1*** ***NW/66.0*** ***178.2 / 2.35*** ***lot 5 ON*** ***WWIS***

Well ID:	6600034	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	01/11/1957
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5425
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	005
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	GI U
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600034.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/15/1956
Year Completed:	1956

DRAFT FOR DISCUSSION

Depth (m): 18.5928
Latitude: 42.9474469093093
Longitude: -78.9453539920632
X: -78.9453538433041
Y: 42.94744690461512
Path: 660\6600034.pdf

Bore Hole Information

Bore Hole ID: 10459768
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/15/1956
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 17
East83: 667616.10
North83: 4757027.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 932587835
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587836
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

DRAFT FOR DISCUSSION

Formation ID: 932587838
Layer: 4
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 36.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587839
Layer: 5
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587840
Layer: 6
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 59.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587837
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0

DRAFT FOR DISCUSSION

Formation End Depth: 36.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600034
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008338
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746529
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 61.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996600034
Pump Set At:
Static Level: 16.0
Final Level After Pumping: 24.0
Recommended Pump Depth:
Pumping Rate: 8.0
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: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933947259
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 59.0
Water Found Depth UOM: ft

51	*1 of 1*	*E/76.2*	*174.7 / -1.14*	*ON*	*BORE*

DRAFT FOR DISCUSSION

Borehole ID:	607172	***Inclin FLG:***	No
OGF ID:	215508980	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	DEC-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:	Not Used	***Township:***	
Sec. Water Use:		***Latitude DD:***	42.940097
Total Depth m:	3	***Longitude DD:***	-78.924529
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	669335
Drill Method:	Power auger	***Northing:***	4756252
Orig Ground Elev m:	173	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	175		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377789	***Mat Consistency:***	Stiff
Top Depth:	.3	***Material Moisture:***	
Bottom Depth:	1.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,GRAVEL. MOTTLED,LACUSTRINE,STIFF.		

Geology Stratum ID:	218377790	***Mat Consistency:***	Hard
Top Depth:	1.1	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. BROWN,LACUSTRINE,HARD, LAMINATED. 0001001800035064,SHALE.		

Geology Stratum ID:	218377788	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Organic	***Geologic Period:***	
Material 4:		***Depositional Gen:***	organic
Gsc Material Description:			
Stratum Description:	LOAM,SILT,ORGANIC. BROWN.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

DRAFT FOR DISCUSSION

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: NIAGARA.txt RecordID: 058420 NTS_Sheet: 30L15E
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada
Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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52 | **1 of 1** | **E/80.1** | **179.9 / 4.00** | **ON** | **AST**

OGF ID: 600970691
Sub Type: Water Tank
Sub Type No: 1331
Location Accuracy: Within 10 metres
Sensitivity Class: Non-Sensitive
Sensitivity Date: 20070106
Sensitivity Rationale: No Restriction Needed
Verification Flag: Verified
Verification Date: 19980508
Business Effective Dt Flag: Estimated
Business Effective Dt: 19980508
Sys Calcu Area: 283.5
Sys Calcu Length: 0.0
User Calc Metric: 0.0
Effective Date/Time: 19980508

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53 | **1 of 1** | **WSW/81.3** | **180.2 / 4.36** | **Eugene George #1**
Bertie ON | **OOGW**

Licence No: T009117
Well ID: 6091
Well Compl ID: 8748
W Class ID: 2362
UWI Code: F013035
Permit Date: 1947-12-10 0:00:00
Depth(m): 256
Well Pool: Welland Pool
Completion Date:
Depth Reached: 1948-4-12 0:00:00
Capped Date:
Class ID:
DB Source:
Status as of: August 2024
Start Date: 1947-12-10 0:00:00
SPUD Date: 1947-12-10 0:00:00
Class: DEV
Grnd Elev: 178
KB Elev: 178.3
TVD: 256
PBTD:
TD Form: Queenston
Workover D:
Operator: George, Eugene & Paura, Monica & Randolph
Township: Bertie
Target: CLI
Well Compl: 8748
County: Welland
Block: 1
Lot: 9
Conc: IIINR
Surface Lat NAD83: 42.9368925
Surface Long NAD83: -78.94477944
Bottom Lat NAD83: 42.9368925
Bottom Long NAD83: -78.94477944
Lot Sides (m): 119.48 N
E/W (m): 29.87 W
Latitude Nad27:
Longitude Nad27:
bottom lat27:
bottom long27:
Lateral: No
Accuracy: 50.00
Method: Well Records (1921 to 1954)
Parent:
Prod Top: 200.56
Prod Bot:
PROPD Depth: 66.14
Location Method: Well Records (1921 to 1954)
Location Accuracy: Within 50 metres
Dt Obtained:
Well Status Type: Private Gas Well

DRAFT FOR DISCUSSION

Classification:	DEVELOPMENT	***Well Status Mode:***	Active Well
Well Name:	Eugene George #1		
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)		
Status Type Desc:	A WELL USED BY THE LAND AND MINERAL RIGHTS OWNER TO PRODUCE GAS FROM A RESERVOIR FOR PRIVATE, NON-COMMERCIAL USE		
Status Mode Desc:	A WELL WHICH IS IN ACTIVE OPERATION IN ACCORDANCE WITH THE PURPOSE FOR WHICH IT IS LICENSED		
Classification Desc:	"DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED		
Cement Rec:			
Comments:	Accuracy is approximate and not verified.		

Details

License No:	T009117	***Elevation (m):***	68.58
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	68.58 / 109.73
Top (m):	109.73		

License No:	T009117	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	3.35
Type of Water:		***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 23.77
Top (m):	23.77		

License No:	T009117	***Elevation (m):***	n/a
Geology Formation:	Guelph	***Static Level (m):***	3.35
Type of Water:	Black	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 153.01
Top (m):	153.01		

License No:	T009117	***Elevation (m):***	164.28
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	164.28 / 14.02
Top (m):	14.02		

License No:	T009117	***Elevation (m):***	-63.71
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-63.71 / 242.01
Top (m):	242.01		

License No:	T009117	***Elevation (m):***	-51.82
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-51.82 / 230.12
Top (m):	230.12		

License No:	T009117	***Elevation (m):***	164.28
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	164.28 / 14.02
Top (m):	14.02		

License No:	T009117	***Elevation (m):***	-63.71
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-63.71 / 242.01
Top (m):	242.01		

License No:	T009117	***Elevation (m):***	10.66
Geology Formation:	Rochester	***Static Level (m):***	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	10.66 / 167.64
Top (m):	167.64		

License No:	T009117	**Elevation (m):**	-21.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-21.34 / 199.64
Top (m):	199.64		

License No:	T009117	**Elevation (m):**	-30.48
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-30.48 / 208.79
Top (m):	208.79		

License No:	T009117	**Elevation (m):**	-51.82
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.82 / 230.12
Top (m):	230.12		

License No:	T009117	**Elevation (m):**	-30.48
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-30.48 / 208.79
Top (m):	208.79		

License No:	T009117	**Elevation (m):**	164.28
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	164.28 / 14.02
Top (m):	14.02		

License No:	T009117	**Elevation (m):**	-56.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-56.39 / 234.7
Top (m):	234.7		

License No:	T009117	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	3.35
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 9.75
Top (m):	9.75		

License No:	T009117	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		

License No:	T009117	**Elevation (m):**	10.66
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	10.66 / 167.64
Top (m):	167.64		

License No:	T009117	**Elevation (m):**	164.28
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	164.28 / 14.02
Top (m):	14.02		

License No:	T009117	**Elevation (m):**	68.58
Geology Formation:	Guelph	**Static Level (m):**	n/a

DRAFT FOR DISCUSSION

Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.58 / 109.73
Top (m):	109.73		

License No:	T009117	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		

License No:	T009117	**Elevation (m):**	-21.34
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-21.34 / 199.64
Top (m):	199.64		

License No:	T009117	**Elevation (m):**	-56.39
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-56.39 / 234.7
Top (m):	234.7		

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54 **1 of 1** **E/81.8** **175.9 / 0.00** **ON** **BORE**

Borehole ID:	607164	**Inclin FLG:**	No
OGF ID:	215508972	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	DEC-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.939474
Total Depth m:	3	**Longitude DD:**	-78.924918
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	669305
Drill Method:	Power auger	**Northing:**	4756182
Orig Ground Elev m:	174	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	175		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377757	**Mat Consistency:**	Hard
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			

Stratum Description: CLAY,SILT,GRAVEL. VARI-COLOURED,LACUSTRINE,HARD.0000001900025066000670560009005 5 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218377756	**Mat Consistency:**	Hard
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	

DRAFT FOR DISCUSSION

Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT. BROWN,LACUSTRINE,HARD.

Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen: lacustrine

Geology Stratum ID: 218377754
Top Depth: 0
Bottom Depth: .8
Material Color: Brown
Material 1: Topsoil
Material 2: Clay
Material 3: Organic
Material 4:
Gsc Material Description:
Stratum Description: LOAM,CLAY,ORGANIC. BROWN.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen: organic

Geology Stratum ID: 218377755
Top Depth: .8
Bottom Depth: 2
Material Color: Brown
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT. BROWN,LACUSTRINE,HARD, LAMINATED.

Mat Consistency: Hard
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen: lacustrine

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: NIAGARA.txt RecordID: 058340 NTS_Sheet: 30L15E
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	1 of 16	E/83.9	179.5 / 3.69	REGIONAL MUN. OF NIAGARA (X# 3-0242-92) 1 ANGER AVE., W.P.C.P. FORT ERIE TOWN ON L2A 5M4	CA

Certificate #: 8-2059-92-
Application Year: 92
Issue Date: 7/16/1992
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

DRAFT FOR DISCUSSION

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

Project Description: (2) GAC UNITS FOR SLUDGE TRANSFER FAC.
Contaminants:
Emission Control: Act. Charcoal Filter

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55 | **2 of 16** | **E/83.9** | **179.5 / 3.69** | **R.M. OF NIAGARA - SLUDGE TRANSFER FAC.**
1 ANGER AVE., W.P.C.P.
FORT ERIE TOWN ON L2A 5M4 | **CA**

Certificate #: 3-0242-92-
Application Year: 92
Issue Date: 4/13/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

55 | **3 of 16** | **E/83.9** | **179.5 / 3.69** | **NIAGARA, REGIONAL MUNICIPALITY**
NIAGARA RIVER ANGER AVENUE WPCP (FORT ERIE) 1 ANGER AVENUE
FORT ERIE TOWN ON | **SPL**

Ref No: 120775
Year:
Incident Dt: 11/13/1995
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/14/1995
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 4755820.00
Easting: 669760.00
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Preceding Spill:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: NIAGARA R.M.-4 HR BYPASS OF RAW UNCHLORINATED SEWAGE,PUMP FAILED.
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Water course or lake
Contaminant Qty:
Contaminant Qty 1:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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55 ***4 of 16*** ***E/83.9*** ***179.5 / 3.69*** ***The Regional Municipality of Niagara***
1 Anger Ave
Fort Erie ON L2V 4T7 ***ECA***

Approval No: 6391-7Q4JHB
Approval Date: 2009-04-07
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: 1 Anger Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5341-7M2SYB-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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55 ***5 of 16*** ***E/83.9*** ***179.5 / 3.69*** ***The Regional Municipality of Niagara***
1 Anger Ave
Fort Erie ON L2V 4T7 ***ECA***

Approval No: 0421-8LVJ3N
Approval Date: 2011-10-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: 1 Anger Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8106-8LNT5T-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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55 ***6 of 16*** ***E/83.9*** ***179.5 / 3.69*** ***The Regional Municipality of Niagara***
1 Anger Avenue
Fort Erie ON L2V 4Y6 ***ECA***

Approval No: 9966-5PXJWC
Approval Date: 2003-08-29
Status: Revoked and/or Replaced
Record Type: ECA
MOE District:
City:
Longitude:
Latitude:

DRAFT FOR DISCUSSION

Link Source: IDS
Geometry X:
SWP Area Name:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: 1 Anger Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3926-5NSMHC-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	7 of 16	E/83.9	179.5 / 3.69	**The Regional Municipality of Niagara** **1 Anger Ave** **Fort Erie ON L2V 4T7**	ECA

Approval No: 9966-5PXJWC
MOE District:
Approval Date: 2006-10-19
City:
Status: Revoked and/or Replaced
Longitude:
Record Type: ECA
Latitude:
Link Source: IDS
Geometry X:
SWP Area Name:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: 1 Anger Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4694-6UMRTP-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	8 of 16	E/83.9	179.5 / 3.69	**NIAGARA, REGIONAL MUNICIPALITY OF** **1 ANGER AVENUE POLLUTION CONTROL PLANT** **FORT ERIE ON L2A 5M4**	GEN

Generator Info

Generator No: ON0148210
Choice of Contact:
Approval Years: As of Dec 2018
Contaminated Fac:
Status: Registered
MHSW Facility:
PO Box No:
SIC Code:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 148 B
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

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

DRAFT FOR DISCUSSION

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

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55 | ***9 of 16*** | ***E/83.9*** | ***179.5 / 3.69*** | ***The Regional Municipality of Niagara***
1 Anger Ave
Fort Erie ON | ***SPL***

Ref No: 6218-B65PXZ
Year:
Incident Dt: 2018/11/02
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/11/02
Dt Document Closed:
Site No: 3236-5DUGB8
MOE Response: No
Site County/District: Regional Municipality of Niagara
Site Geo Ref Meth: 10 -100 metres eg. Topographic Map
Site District Office: Niagara
Nearest Watercourse: Niagara River
Site Name: Anger Avenue Wastewater Treatment Plant
Site Address: 1 Anger Ave
Site Region: West Central
Site Municipality: Fort Erie
Site Lot:
Site Conc: NA
Site Geo Ref Accu: GPS
Site Map Datum: NAD83
Northing: 4756055
Easting: 669360
Entity Operating Name:
Client Name: The Regional Municipality of Niagara
Client Type: Municipal Government
Source Type: Sewage Treatment
Incident Cause:
Incident Preceding Spill: Process Upset/Malfunction
Incident Reason: Weather Conditions
Incident Summary: Anger Ave WPCP: overflow at plant
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Surface Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: Sewage Bypasses / Overflows
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	10 of 16	E/83.9	179.5 / 3.69	NIAGARA, REGIONAL MUNICIPALITY OF 1 ANGER AVENUE POLLUTION CONTROL PLANT FORT ERIE ON L2A 5M4	GEN

Generator Info

Generator No:	ON0148210	***Choice of Contact:***	
Approval Years:	As of Jul 2020	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	148 B
Waste Class Name:	Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class:	263 I
Waste Class Name:	Misc. waste organic chemicals

Waste Detail(s)

Waste Class:	148 C
Waste Class Name:	Misc. wastes and inorganic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	11 of 16	E/83.9	179.5 / 3.69	The Regional Municipality of Niagara 1 Anger Ave Fort Erie ON NA	SPL

Ref No:	1082-BRDTG2	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2020/07/10	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2020/07/10	***Impact to Health:***	2 - Minor Environment
Dt Document Closed:	2020/07/31	***Agency Involved:***	
Site No:	3236-5DUGB8		
MOE Response:	No		
Site County/District:	Regional Municipality of Niagara		
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Site District Office:	Niagara		
Nearest Watercourse:			
Site Name:	Anger Avenue Wastewater Treatment Plant		
Site Address:	1 Anger Ave		
Site Region:	West Central		
Site Municipality:	Fort Erie		
Site Lot:			
Site Conc:	NA		
Site Geo Ref Accu:	GPS		
Site Map Datum:	NAD83		

DRAFT FOR DISCUSSION

Northing:	4756055
Easting:	669360
Entity Operating Name:	
Client Name:	The Regional Municipality of Niagara
Client Type:	Municipal Government
Source Type:	Sewage Treatment
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Incident Reason:	Unknown / N/A
Incident Summary:	Spill: Digester gas to atmosphere, unknown cause
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Contaminant Code:	36
Contaminant Name:	DIGESTER GAS
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Air
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Municipal Sewage
SAC Action Class:	Air Spills - Gases and Vapours
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

55	***12 of 16***	***E/83.9***	***179.5 / 3.69***	***NIAGARA, REGIONAL MUNICIPALITY OF*** ***1 ANGER AVENUE POLLUTION CONTROL PLANT*** ***FORT ERIE ON L2A 5M4***	***GEN***

Generator Info

Generator No:	ON0148210	***Choice of Contact:***	
Approval Years:	As of Nov 2021	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	148 B
Waste Class Name:	Misc. wastes and inorganic chemicals

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	148 C

DRAFT FOR DISCUSSION

Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

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55 | **13 of 16** | **E/83.9** | **179.5 / 3.69** | **NIAGARA, REGIONAL MUNICIPALITY OF**
FORT ERIE WPCP 1 ANGER AVENUE
FORT ERIE ON L2A 5M4 | **REC**

ID: 138
Company ID:
Receiver No: W120292
Co Admin:
Choice of Contact: CO_OFFICIAL
Rec Div:
Rec Op Div:
Rec Op Name: NIAGARA, REGIONAL MUNICIPALITY OF
Site Bldg:
Facility Type: WATER POLL. CONTROL PLANT
Approval Yrs: 1993; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008; 2009; 2010; 2011; 2012; 2013; 2014; 2015; 2016; 2017; 2018; 2019; 2020; 2021

Province In: ONTARIO
Province Out:
County Out:
Mail Addr:
Site PO Box:

1993 Receiver Manifest Details

Rec No: W120292
Waste Code: 150
Waste Class: INERT INORGANIC WASTES
Waste Count: 2
Qty Recvd: 1001

1998 Receiver Manifest Details

Gen Dist: 100
Gen District Office Name: LONDON, ONT
Gen Region Code: 01
Gen Region Office Name: SOUTHWESTERN REGION
Gen Sic: 3711
NAICS Desc: IND. INORGANIC CHEM.
Waste Code: 132
Waste Class: NEUTRALIZED WASTES - OTHER METALS
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 135
Qty Recvd: 2607045

Gen Dist: 100
Gen District Office Name: LONDON, ONT
Gen Region Code: 01
Gen Region Office Name: SOUTHWESTERN REGION
Gen Sic: 9999
NAICS Desc: OTHER SERVICES
Waste Code: 149
Waste Class: LANDFILL LEACHATES
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 17
Qty Recvd: 450158

1999 Receiver Manifest Details

DRAFT FOR DISCUSSION

Gen Dist:	100
Gen District Office Name:	
Gen Region Code:	
Gen Region Office Name:	
Gen Sic:	9999
NAICS Desc:	OTHER SERVICES
Waste Code:	149
Waste Class:	LANDFILL LEACHATES
Waste Chara:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	8
Qty Recvd:	252000

Gen Dist:	100
Gen District Office Name:	
Gen Region Code:	
Gen Region Office Name:	
Gen Sic:	3711
NAICS Desc:	IND. INORGANIC CHEM.
Waste Code:	132
Waste Class:	NEUTRALIZED WASTES - OTHER METALS
Waste Chara:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	84
Qty Recvd:	1634827

2000 Receiver Manifest Details

Gen Dist:	100
Gen District Office Name:	
Gen Region Code:	
Gen Region Office Name:	
Gen Sic:	3711
NAICS Desc:	IND. INORGANIC CHEM.
Waste Code:	132
Waste Class:	NEUTRALIZED WASTES - OTHER METALS
Waste Chara:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	34
Qty Recvd:	608380

Gen Dist:	100
Gen District Office Name:	
Gen Region Code:	
Gen Region Office Name:	
Gen Sic:	3081
NAICS Desc:	MACHINE SHOP IND.
Waste Code:	132
Waste Class:	NEUTRALIZED WASTES - OTHER METALS
Waste Chara:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	2
Qty Recvd:	12287

2001 Receiver Manifest Details

Gen Dist:	100
Gen District Office Name:	
Gen Region Code:	
Gen Region Office Name:	
Gen Sic:	3711
NAICS Desc:	IND. INORGANIC CHEM.
Waste Code:	132
Waste Class:	NEUTRALIZED WASTES - OTHER METALS

DRAFT FOR DISCUSSION

Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 53
Qty Recvd: 995923

Gen Dist: 100
Gen District Office Name:
Gen Region Code:
Gen Region Office Name:
Gen Sic: 3081
NAICS Desc: MACHINE SHOP IND.
Waste Code: 132
Waste Class: NEUTRALIZED WASTES - OTHER METALS
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 3
Qty Recvd: 18339

2002 Receiver Manifest Details

Rec No: W120292
Gen District Office Name:
Gen NAICS:
NAICS Desc:
Waste Code: 132
Waste Code Desc: NEUTRALIZED WASTES - OTHER METALS
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 59
Qty Recvd: 1110497
NAICS2 Desc:

2003 Receiver Manifest Details

Rec No: W120292
Gen Dist: 100
Gen District Office Name: IN ONTARIO
Gen Region Code:
Gen Region Office Name:
NAICS Code: 325999
NAICS Desc: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING
Waste Code: 132
Waste Code Desc: NEUTRALIZED WASTES - OTHER METALS
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 25
Qty Recvd: 467557

2004 Receiver Manifest Details

Gen Dist: 100
Gen District Office Name: IN ONTARIO
Gen Region Code:
Gen Region Office Name:
Gen NAICS: 325999
NAICS Desc: All Other Miscellaneous Chemical Product Manufacturing
Waste Code: 132
Waste Code Desc: NEUTRALIZED WASTES - OTHER METALS
Waste Chara: L
Char Desc: LIQUID INDUSTRIAL WASTE
Waste Count: 87
Qty Recvd: 1571466

DRAFT FOR DISCUSSION

2005 Receiver Manifest Details

NAICS Code:	325999
NAICS Desc:	All Other Miscellaneous Chemical Product Manufacturing
Waste Code:	132
Waste Class Desc:	NEUTRALIZED WASTES - OTHER METALS
Waste Chara:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	37
Qty Recvd:	682527
NAICS 2 Code:	
NAICS 2 Desc:	
NAICS 3 Code:	
NAICS 3 Desc:	

2006 Receiver Manifest Details

Gen District:	203
Gen District Office Name:	ST. CATHARINES, ON
Gen Region Code:	02
Gen Region Office Name:	WEST-CENTRAL REGION
Gen NAICS:	325999
NAICS Desc:	All Other Miscellaneous Chemical Product Manufacturing
Waste Code:	132
Waste Class Desc:	NEUTRALIZED WASTES - OTHER METALS
Waste Char:	L
Char Desc:	LIQUID INDUSTRIAL WASTE
Waste Count:	99
Qty Recvd:	1788083

2015 Receiver Waste Information Details

Waste Code:	132
Waste Class Name:	NEUTRALIZED WASTES - OTHER METALS

2019 Receiver Waste Information Details

Rec No:	W120292
Waste Code:	132
Waste Class Name:	NEUTRALIZED WASTES - OTHER METALS

2020 Receiver Waste Information Details

Rec No:	W120292
Waste Code:	132
Waste Class Name:	NEUTRALIZED WASTES - OTHER METALS

2021 Receiver Waste Information Details

Rec No:	W120292
Waste Code:	132
Waste Class Name:	NEUTRALIZED WASTES - OTHER METALS

55	***14 of 16***	***E/83.9***	***179.5 / 3.69***	***NIAGARA, REGIONAL MUNICIPALITY OF 1 ANGER AVENUE POLLUTION CONTROL PLANT***	***GEN***

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FORT ERIE ON L2A 5M4

Generator Info

Generator No:	ON0148210	***Choice of Contact:***	
Approval Years:	As of Oct 2022	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	263 I
Waste Class Name:	ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class:	252 L
Waste Class Name:	WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class:	148 B
Waste Class Name:	INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class:	148 C
Waste Class Name:	INORGANIC LABORATORY CHEMICALS

2017 Generator Info

Gen No:	ON0148210	***Choice of Contact:***	CO_ADMIN
ID:	1742	***Phone No Official:***	905-354-2754 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905-354-2754 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	221320	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	NIAGARA, REGIONAL MUNICIPALITY OF		
Gen Div:			
Gen Op Name:	FORT ERIE WASTEWATER TREATMENT		
Gen Op Div:			
Site Adrs1:	1 ANGER AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:	POLLUTION CONTROL PLANT		
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 5M4		
Site Country:	Canada		
Co Official:	ROBERT DAW		
Co Admin:	ROBERT DAW		

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2017 Generator Manifest

ID:	8296	***Sum Received Qty:***	4.0
Generator No:	ON0148210	***Waste Class Name:***	INORGANIC LABORATORY CHEMICALS
Receiver Type:	035	***Count Manifests:***	2
Waste Char:	C	***District:***	203
Waste Code:	148		

2018 Generator Info

Gen No:	ON0148210	***Choice of Contact:***	CO_ADMIN
ID:	1701	***Phone No Official:***	905-354-2754 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905-354-2754 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	221320	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	NIAGARA, REGIONAL MUNICIPALITY OF		
Gen Div:			
Gen Op Name:	FORT ERIE WASTEWATER TREATMENT		
Gen Op Div:			
Site Adrs1:	1 ANGER AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:	POLLUTION CONTROL PLANT		
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 5M4		
Site Country:	Canada		
Co Official:	ROBERT DAW		
Co Admin:	ROBERT DAW		

2019 Generator Info

Gen No:	ON0148210	***Choice of Contact:***	CO_ADMIN
ID:	1654	***Phone No Official:***	905-354-2754 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905-354-2754 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	221320	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	NIAGARA, REGIONAL MUNICIPALITY OF		
Gen Div:			
Gen Op Name:	FORT ERIE WASTEWATER TREATMENT		
Gen Op Div:			
Site Adrs1:	1 ANGER AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:	POLLUTION CONTROL PLANT		
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 5M4		
Site Country:	Canada		
Co Official:	ROBERT DAW		
Co Admin:	ROBERT DAW		

2020 Generator Info

Gen No:	ON0148210	***Choice of Contact:***	CO_OFFICIAL
ID:	1587	***Phone No Official:***	905-354-2754 Ext.
Contaminated Fac:	N	***Phone No Admin:***	289-668-6206 Ext.

DRAFT FOR DISCUSSION

MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	221320	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	NIAGARA, REGIONAL MUNICIPALITY OF		
Gen Div:			
Gen Op Name:	FORT ERIE WASTEWATER TREATMENT		
Gen Op Div:			
Site Adrs1:	1 ANGER AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:	POLLUTION CONTROL PLANT		
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 5M4		
Site Country:	Canada		
Co Official:	ROBERT DAW		
Co Admin:	Jen Croswell		

2021 Generator Info

Gen No:	ON0148210	***Choice of Contact:***	CO_ADMIN
ID:	1569	***Phone No Official:***	905-354-2754 Ext.
Contaminated Fac:	N	***Phone No Admin:***	9056859000 Ext.3463
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	221320	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	NIAGARA, REGIONAL MUNICIPALITY OF		
Gen Div:			
Gen Op Name:	FORT ERIE WASTEWATER TREATMENT		
Gen Op Div:			
Site Adrs1:	1 ANGER AVENUE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:	POLLUTION CONTROL PLANT		
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 5M4		
Site Country:	Canada		
Co Official:	CHRISTINA BELLON-GRAVES		
Co Admin:	Janice Slota		

55	***15 of 16***	***E/83.9***	***179.5 / 3.69***	***FORT ERIE POLLUTION CONTROL PLANT*** ***1 ANGER AVE.*** ***FORT ERIE ON L2A5M4***	***NPR2***

NPRI ID:	5613	***Latitude:***	42.9381
Facility ID:	275334;356536;367503;371774;379608; 379609;418380;437285;449671	***Longitude:***	-78.9273
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT		

Note: Substances included on NPRI reports for this NPRI ID are summarized below in the NPRI ID Substances Summary section. Substances listed in the Substances Summary are included on the basis of NPRI ID only. For entities (NPRI ID) with mobile plants and/or more than one facility location, substances listed above may or may not have been reported for specific facilities/mobile locations. The list of substances additionally includes those which have been included on the NPRI report with an unknown quantity or a quantity of 0.

For specific details about substance quantities, years, release/transfer/disposal methods, the reader is referred the facility report:

https://pollution-waste.canada.ca/national-release-inventory/?fromYear=1993&toYear=2023&name=5613

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NPRI ID Substances Summary

CAS No:	NA - 20	***Is PAH?:***	FALSE
Is VOC?:	TRUE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Nonylphenol and its ethoxylates		
Name French:	Nonylphénol et ses dérivés éthoxylés		
Sort English:	Nonylphenol and its ethoxylates		
Sort French:	Nonylphénol et ses dérivés éthoxylés		

CAS No:	7782-50-5	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Chlorine		
Name French:	Chlore		
Sort English:	Chlorine		
Sort French:	Chlore		

CAS No:	NA - 16	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Ammonia (total)		
Name French:	Ammoniac (total)		
Sort English:			
Sort French:			

CAS No:	NA - 22	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Phosphorus (total)		
Name French:	Phosphore (total)		
Sort English:	Phosphorus (total)		
Sort French:	Phosphore (total)		

CAS No:	NA - 16	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Ammonia (total)		
Name French:	Ammoniac (total)		
Sort English:	Ammonia (total)		
Sort French:	Ammoniac (total)		

CAS No:	NA - 19	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Hexavalent chromium (and its compounds)		
Name French:	Chrome hexavalent (et ses composés)		
Sort English:	Hexavalent chromium (and its compounds)		
Sort French:	Chrome hexavalent (et ses composés)		

CAS No:	NA - 17	***Is PAH?:***	FALSE
Is VOC?:	FALSE	***NPRI:***	TRUE
Is DF?:	FALSE		
Name English:	Nitrate ion in solution at pH >= 6.0		
Name French:	Nitrate (ion en sol. à un pH de >= 6.0)		
Sort English:	Nitrate ion in solution at pH >= 6.0		
Sort French:	Nitrate (ion en sol. à un pH de >= 6.0)		

Geographic Location

Report Year:	-1	***Forward Sort Area:***	L2A
Census Subdiv ID:	3526003	***DLS Description:***	
Ecozone ID:	8	***NTS Description:***	D-025-L/030-L-15
Water Survey ID:	2	***Province Code:***	ON
SOMA:	TRUE	***Datum:***	1983.0

DRAFT FOR DISCUSSION

ON PEMA:	TRUE	**Latitude:**	42.9381
QC PEMA:	FALSE	**Longitude:**	-78.9273
Quebec Windsor Corr:	TRUE		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	449671

Facility

Facility ID:	449671	**IDM ID:**	12234
Portable:	FALSE	**AB Approval ID:**	0
NAICS Primary:	221320	**GHGRP ID:**	0
NAICS Secondary:		**ON GHGRP ID:**	
NAICS Tertiary:			
Facility Name:	Fort Erie Wastewater Treatment Plant		
Website:			

Address

Address1:	1 Anger Avenue
Address2:	
City:	Fort Erie
Postal Zip:	L2A 5M4
Prov:	

Address Geographic

Latitude:	42.938100	**Datum:**	1983
Longitude:	-78.927300	**Land Survey:**	
UTM Easting:	0.000000	**Topograph:**	
UTM Northing:	0.000000	**Additional Info:**	
UTM Zone:	0		

Primary NAICS Details

NAICS Code:	221320	**Start Date:**	1993
Record Year:	1997	**End Date:**	2001
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	**Start Date:**	2007
Record Year:	2007	**End Date:**	2011
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		

DRAFT FOR DISCUSSION

NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2002
Record Year: 2002 ***End Date:*** 2006
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2022
Record Year: 2022 ***End Date:*** 2026
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

DRAFT FOR DISCUSSION

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2017
Record Year:	2017	***End Date:***	2021
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	345828	***No of Employees:***	6
Report Year:	2022	***Is Compressor:***	
Company ID:	182407	***Is NPRI Part 4:***	
SWR Report ID:	25916	***Is Battery:***	
Repor Type ID:	8	***Corres Lang ID:***	1
New Reporter:	FALSE	***Submit Date:***	2023-05-31 19:09:19.6995699

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		

DRAFT FOR DISCUSSION

Email: dawn.macarthur@niagararegion.ca

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	905-685-4225
First Name:	Jason	***Extension:***	3758
Last Name:	Oatley	***Fax:***	
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Manager Wastewater Quality and Compliance		
Language:	1		
Email:	jason.oatley@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	418380

Facility

Facility ID:	418380	***IDM ID:***	12234
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	
NAICS Tertiary:	0		
Facility Name:	Fort Erie Wastewater Treatment Plant		
Website:			

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A 5M4
Prov:	

Address Geographic

Latitude:	42.9381	***Datum:***	1983
Longitude:	-78.9273	***Land Survey:***	
UTM Easting:	0.000000	***Topograph:***	
UTM Northing:	0.000000	***Additional Info:***	
UTM Zone:	0		

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2007
Record Year:	2007	***End Date:***	2011
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

DRAFT FOR DISCUSSION

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	1993
Record Year:	1997	***End Date:***	2001
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2022
Record Year:	2022	***End Date:***	2026
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2017
Record Year:	2017	***End Date:***	2021
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		

DRAFT FOR DISCUSSION

NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320
Record Year: 2012
Start Date: 2012
End Date: 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID: 312771
Report Year: 2020
Company ID: 171289
SWR Report ID: 44
Repor Type ID: 8
New Reporter: FALSE
No of Employees: 6
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corres Lang ID: 1
Submit Date: 2021-08-27 16:53:21.2098117

Company

Company Name: Regional Municipality of Niagara
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type: NPRI
First Name: Jason
Last Name: Oatley
Company Name:
Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position:
Language: 1
Email: jason.oatley@niagararegion.ca
Phone: 905-685-4225
Extension: 3758
Fax:

DRAFT FOR DISCUSSION

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:			
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:			
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	437285

Facility

Facility ID:	437285	***IDM ID:***	12234
Portable:	FALSE	***AB Approval ID:***	
NAICS Primary:	221320	***GHGRP ID:***	
NAICS Secondary:	0	***ON GHGRP ID:***	
NAICS Tertiary:	0		
Facility Name:	Fort Erie Wastewater Treatment Plant		
Website:			

Address

Address1:	
Address2:	
City:	Fort Erie
Postal Zip:	L2A 5M4
Prov:	

Address Geographic

Latitude:	42.938100	***Datum:***	1983
Longitude:	-78.927300	***Land Survey:***	
UTM Easting:	0.000000	***Topograph:***	
UTM Northing:	0.000000	***Additional Info:***	
UTM Zone:	0		

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		

DRAFT FOR DISCUSSION

NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 1993
Record Year: 1997 ***End Date:*** 2001
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2017
Record Year: 2017 ***End Date:*** 2021
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

DRAFT FOR DISCUSSION

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2022
Record Year:	2022	***End Date:***	2026
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2007
Record Year:	2007	***End Date:***	2011
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NPRI Report

Report ID:	326677	***No of Employees:***	6
Report Year:	2021	***Is Compressor:***	
Company ID:	176110	***Is NPRI Part 4:***	
SWR Report ID:	10948	***Is Battery:***	
Repor Type ID:	8	***Corres Lang ID:***	1
New Reporter:	FALSE	***Submit Date:***	2022-05-30 16:03:36.7138609

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225

DRAFT FOR DISCUSSION

First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	905-685-4225
First Name:	Jason	***Extension:***	3758
Last Name:	Oatley	***Fax:***	
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Manager Wastewater Quality and Compliance		
Language:	1		
Email:	jason.oatley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	356536

Facility

Facility ID:	356536	***IDM ID:***	0
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	0
NAICS Tertiary:	0		
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT		
Website:	www.regional.niagara.on.ca		

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Address Geographic

Latitude:	42.9381	***Datum:***	1983
Longitude:	-78.9273	***Land Survey:***	
UTM Easting:	0.000000	***Topograph:***	

DRAFT FOR DISCUSSION

UTM Northing: 0.000000 **Additional Info:**
UTM Zone: 0

Primary NAICS Details

NAICS Code: 221320 **Start Date:** 2007
Record Year: 2007 **End Date:** 2011
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 **Start Date:** 2002
Record Year: 2002 **End Date:** 2006
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 **Start Date:** 1993
Record Year: 1997 **End Date:** 2001
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 **Start Date:** 2017
Record Year: 2017 **End Date:** 2021
Key Indus Sector En: Water and Wastewater Systems

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Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2022
Record Year: 2022 ***End Date:*** 2026
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID: 114375 ***No of Employees:*** 4
Report Year: 2009 ***Is Compressor:***
Company ID: 134545 ***Is NPRI Part 4:***
SWR Report ID: 20090000005613 ***Is Battery:***
Repor Type ID: 1 ***Corres Lang ID:*** 0
New Reporter: FALSE ***Submit Date:*** 2010-05-26 00:00:00.0000000

Company

DRAFT FOR DISCUSSION

Company Name: REGIONAL MUNICIPALITY OF NIAGARA
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type: NPRI
First Name: Doug
Last Name: Johnson
Company Name:
Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position: Wastewater Operations Manager
Language: 0
Email: doug.johnson@niagararegion.ca
Phone: 9053542754
Extension:
Fax: 9053747188

NPRI Report Contact

Contact Type:
First Name: Chris
Last Name: Gatchene
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 0
Email: chris.gatchene@niagararegion.ca
Phone: 9056854225
Extension: 3792
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Chris
Last Name: Gatchene
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 0
Email: chris.gatchene@niagararegion.ca
Phone: 9056854225
Extension: 3792
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Heather
Last Name: Sim
Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Phone: 9056854225
Extension: 3319
Fax: 9056855205

DRAFT FOR DISCUSSION

Email: heather.sim@niagararegion.ca

NPRI Report

Report ID:	122895	***No of Employees:***	4
Report Year:	2008	***Is Compressor:***	
Company ID:	134545	***Is NPRI Part 4:***	
SWR Report ID:	20080000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2009-05-27 00:00:00.0000000

Company

Company Name: REGIONAL MUNICIPALITY OF NIAGARA
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9053542754
First Name:	Mike	***Extension:***	
Last Name:	Jarzembecki	***Fax:***	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Chris	***Extension:***	3792
Last Name:	Gatchene	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Chris	***Extension:***	3792
Last Name:	Gatchene	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			

DRAFT FOR DISCUSSION

Position: Environmental Technologist
Language: 0
Email: chris.gatchene@regional.niagara.on.ca

NPRI Report Contact

Contact Type:
First Name: Heather
Last Name: Sim
Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: heather.sim@regional.niagara.on.ca
Phone: 9056854225
Extension: 3319
Fax: 9056855205

NPRI Report

Report ID: 116761
Report Year: 2007
Company ID: 134545
SWR Report ID: 20070000005613
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 4
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corres Lang ID: 0
Submit Date: 2008-05-30 00:00:00.0000000

Company

Company Name: REGIONAL MUNICIPALITY OF NIAGARA
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type:
First Name: Chris
Last Name: Gatchene
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 0
Email: chris.gatchene@regional.niagara.on.ca
Phone: 9056854225
Extension: 3792
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Heather
Last Name: Sim
Company Name:
Phone: 9056854225
Extension: 3319
Fax: 9056855205

DRAFT FOR DISCUSSION

Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: heather.sim@regional.niagara.on.ca

NPRI Report Contact

Contact Type:
First Name: Chris
Last Name: Gatchene
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 0
Email: chris.gatchene@regional.niagara.on.ca
Phone: 9056854225
Extension: 3792
Fax: 9056855205

NPRI Report Contact

Contact Type: NPRI
First Name: Mike
Last Name: Jarzembecki
Company Name:
Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position: Wastewater Operations Manager
Language: 0
Email: michael.jarzembecki@regional.niagara.on.ca
Phone: 9053542754
Extension:
Fax: 9053747188

NPRI Report

Report ID: 152850
Report Year: 2006
Company ID: 134545
SWR Report ID: 20060000005613
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 4
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corres Lang ID: 0
Submit Date: 2007-05-08 00:00:00.0000000

Company

Company Name: REGIONAL MUNICIPALITY OF NIAGARA
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type:
First Name: Deanna
Phone: 9056854225
Extension: 3543

DRAFT FOR DISCUSSION

Last Name:	Barrow	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9053542754
First Name:	Mike	**Extension:**	
Last Name:	Jarzembecki	**Fax:**	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792
Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report

Report ID:	255440	**No of Employees:**	4
Report Year:	2005	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20050000005613	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2006-05-30 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056854225
First Name:	Deanna	**Extension:**	3543
Last Name:	Barrow	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9053542754
First Name:	Mike	**Extension:**	0
Last Name:	Jarzembecki	**Fax:**	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	George	**Extension:**	3261
Last Name:	Bis	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		
Language:	0		
Email:	george.bis@regional.niagara.on.ca		

NPRI Report

Report ID:	263376	**No of Employees:**	10
Report Year:	2004	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20040000005613	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2005-06-23 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

DRAFT FOR DISCUSSION

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9053542754
First Name:	Mike	***Extension:***	0
Last Name:	Jarzembecki	***Fax:***	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		
Language:	0		
Email:	george.bis@regional.niagara.on.ca		

NPRI Report

Report ID:	271552	***No of Employees:***	10
Report Year:	2003	***Is Compressor:***	
Company ID:	134545	***Is NPRI Part 4:***	
SWR Report ID:	20030000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2004-06-01 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specific data. If data was not available, typical values given in the NPRI Guidance Manual for the Wastewater Sector were used to estimate quantities of substances entering the plant in ord **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

DRAFT FOR DISCUSSION

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		
Language:	0		
Email:	george.bis@regional.niagara.on.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	379608

Facility

Facility ID:	379608	***IDM ID:***	0
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	0
NAICS Tertiary:	0		
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT		
Website:	regional.niagara.on.ca		

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

DRAFT FOR DISCUSSION

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	1993
Record Year:	1997	***End Date:***	2001
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2017
Record Year:	2017	***End Date:***	2021
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2012
Record Year:	2012	***End Date:***	2016
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

DRAFT FOR DISCUSSION

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2007
Record Year:	2007	***End Date:***	2011
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2022
Record Year:	2022	***End Date:***	2026
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	275668	***No of Employees:***	10
Report Year:	2002	***Is Compressor:***	
Company ID:	148109	***Is NPRI Part 4:***	
SWR Report ID:	20020000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2003-06-02 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	

DRAFT FOR DISCUSSION

Website: regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specific data. If data was not available, typical values given in the NPRI Guidance Manual for the Wastewater Sector were used ot estimate quantities of substances entering the plant in o **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		
Language:	0		
Email:	george.bis@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9054757270
First Name:	Nenad	***Extension:***	235
Last Name:	Kenzev	***Fax:***	9054755994
Company Name:			
Description En:			
Description Fr:			
Position:	P.Eng. Practice Leader		
Language:	0		
Email:	nknezev@macviro.com		

NPRI ID Facility ID

DRAFT FOR DISCUSSION

NPRI ID: 5613
Facility ID: 371774

Facility

Facility ID:	371774	**IDM ID:**	0
Portable:	FALSE	**AB Approval ID:**	0
NAICS Primary:	221320	**GHGRP ID:**	0
NAICS Secondary:	0	**ON GHGRP ID:**	0
NAICS Tertiary:	0		

Facility Name: Fort Erie Pollution Control Plant
Website: www.regional.niagara.on.ca/departments/works/

Address

Address1: 1 Anger Ave
Address2:
City: FORT ERIE
Postal Zip: L2A5M4
Prov:

Primary NAICS Details

NAICS Code:	221320	**Start Date:**	2002
Record Year:	2002	**End Date:**	2006

Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	**Start Date:**	1993
Record Year:	1997	**End Date:**	2001

Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	**Start Date:**	2017
Record Year:	2017	**End Date:**	2021

DRAFT FOR DISCUSSION

Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2007
Record Year: 2007 ***End Date:*** 2011
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2022
Record Year: 2022 ***End Date:*** 2026
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

DRAFT FOR DISCUSSION

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	284891	***No of Employees:***	11
Report Year:	1999	***Is Compressor:***	
Company ID:	145688	***Is NPRI Part 4:***	
SWR Report ID:	19990000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2000-06-01 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	122161698
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca/departments/works/

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	This facility uses Sodium Hypochlorite for disinfection and will now report only one Substance Ammonium under the NPRI
Note:	

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Joseph	***Extension:***	3208
Last Name:	Furgal	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	jfurgal@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Joseph	***Extension:***	3208
Last Name:	Furgal	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	jfurgal@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	0
First Name:	Chado	***Extension:***	0

DRAFT FOR DISCUSSION

Last Name:	Brcic	***Fax:***	0
Company Name:			
Description En:			
Description Fr:			
Position:	Assistant Director		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	James	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Superintendent		
Language:	0		
Email:			

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	275334

Facility

Facility ID:	275334	***IDM ID:***	12234
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	0
NAICS Tertiary:	0		
Facility Name:	Fort Erie Wastewater Treatment Plant		
Website:			

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Address Geographic

Latitude:	42.9381	***Datum:***	1983
Longitude:	-78.9273	***Land Survey:***	
UTM Easting:	0.000000	***Topograph:***	
UTM Northing:	0.000000	***Additional Info:***	
UTM Zone:	0		

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

DRAFT FOR DISCUSSION

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	1993
Record Year:	1997	***End Date:***	2001
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2007
Record Year:	2007	***End Date:***	2011
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2017
Record Year:	2017	***End Date:***	2021
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

DRAFT FOR DISCUSSION

NAICS Code:	221320	**Start Date:**	2012
Record Year:	2012	**End Date:**	2016
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	**Start Date:**	2022
Record Year:	2022	**End Date:**	2026
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	65252	**No of Employees:**	6
Report Year:	2019	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	158857	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2020-04-22 16:24:13.4230000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			

DRAFT FOR DISCUSSION

Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

Report ID: 82765
Report Year: 2018
Company ID: 111012
SWR Report ID: 149842
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 6
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corres Lang ID: 0
Submit Date: 2019-05-28 11:56:15.8033333

Company

Company Name: Regional Municipality of Niagara
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

Report ID: 82764
No of Employees: 6

DRAFT FOR DISCUSSION

Report Year:	2017	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	97937	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2018-05-15 16:54:29.5133333

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	82763	**No of Employees:**	6
Report Year:	2016	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	83499	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2017-05-15 15:53:32.0100000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			

DRAFT FOR DISCUSSION

Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

Report ID: 18363
Report Year: 2015
Company ID: 57290
SWR Report ID: 73170
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 6
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corres Lang ID: 0
Submit Date: 2016-05-30 00:00:00.0000000

Company

Company Name: Regional Municipality of Niagara
DUNS No: 0
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	26474	**No of Employees:**	6
Report Year:	2014	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	51578	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2015-05-19 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Compliance Technologist, Wastewater		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Compliance Technologist, Wastewater		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

DRAFT FOR DISCUSSION

NPRI Report

Report ID:	37368	***No of Employees:***	6
Report Year:	2013	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	38070	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2014-05-27 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Compliance Technologist, Wastewater		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Compliance Technologist, Wastewater		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	43722	***No of Employees:***	6
Report Year:	2012	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	14239	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	1

DRAFT FOR DISCUSSION

New Reporter:	FALSE	***Submit Date:***	2013-05-21 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	David	***Extension:***	3615
Last Name:	Haley	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	David	***Extension:***	3615
Last Name:	Haley	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	David	***Extension:***	3615
Last Name:	Haley	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report

Report ID:	52525	***No of Employees:***	6
Report Year:	2011	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	1091	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	1
New Reporter:	FALSE	***Submit Date:***	2012-06-07 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	

DRAFT FOR DISCUSSION

Website:

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	138228	***No of Employees:***	5
Report Year:	2010	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	20100000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	TRUE	***Submit Date:***	2011-10-03 00:00:00.0000000

Company

Company Name:	Regional Municipality of Niagara
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Comment

Description En:	NPRI report update comment
Description Fr:	Commentaire sur la mise à jour du rapport de l'INRP
Comment:	Update Waterbody information
Note:	

DRAFT FOR DISCUSSION

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

DRAFT FOR DISCUSSION

NPRI ID: 5613
Facility ID: 367503

Facility

Facility ID:	367503	***IDM ID:***	0
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	0
NAICS Tertiary:	0		

Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Website:

Address

Address1: 1 ANGER AVE.
Address2:
City: FORT ERIE
Postal Zip: L2A5M4
Prov:

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006

Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	1993
Record Year:	1997	***End Date:***	2001

Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	2007
Record Year:	2007	***End Date:***	2011

Key Indus Sector En: Water and Wastewater Systems

DRAFT FOR DISCUSSION

Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2017
Record Year: 2017 ***End Date:*** 2021
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2022
Record Year: 2022 ***End Date:*** 2026
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

DRAFT FOR DISCUSSION

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	286687	***No of Employees:***	11
Report Year:	1998	***Is Compressor:***	
Company ID:	132279	***Is NPRI Part 4:***	
SWR Report ID:	19980000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	1999-06-01 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	JAMES	***Extension:***	0
Last Name:	CORKERY	***Fax:***	9058942263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	SUPERINTENDENT		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		***Phone:***	0
First Name:	CHADO	***Extension:***	0
Last Name:	BRCIC	***Fax:***	0
Company Name:			
Description En:			
Description Fr:			
Position:	ASSISTANT DIRECTOR WATER & WAS		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	JOSEPH	***Extension:***	3208
Last Name:	FURGAL	***Fax:***	9066855205
Company Name:			
Description En:			
Description Fr:			
Position:	PROCESS ENGINEER		
Language:	0		
Email:	jfurgal@environiagara.com		

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	PROCESS ENGINEER		
Language:	0		
Email:	jfurgal@environiagara.com		

NPRI Report

Report ID:	288727	**No of Employees:**	10
Report Year:	1997	**Is Compressor:**	
Company ID:	132279	**Is NPRI Part 4:**	
SWR Report ID:	19970000005613	**Is Battery:**	
Repor Type ID:	1	**Corres Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	1998-06-01 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	MANAGER INDUSTRIAL WASTE & LAB		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	MANAGER INDUSTRIAL WASTE & LAB		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		**Phone:**	0
First Name:	SAL	**Extension:**	0
Last Name:	IANNELLO	**Fax:**	0
Company Name:			
Description En:			
Description Fr:			
Position:	ACTING ASSISTANT DIRECTOR ENV		
Language:	0		

DRAFT FOR DISCUSSION

Email:

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	JAMES	***Extension:***	0
Last Name:	CORKERY	***Fax:***	9058942263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	SUPERINTENDENT		
Language:	0		
Email:			

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	379609

Facility

Facility ID:	379609	***IDM ID:***	0
Portable:	FALSE	***AB Approval ID:***	0
NAICS Primary:	221320	***GHGRP ID:***	0
NAICS Secondary:	0	***ON GHGRP ID:***	0
NAICS Tertiary:	0		
Facility Name:	Fort Erie Water Pollution Control Plant		
Website:			

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Primary NAICS Details

NAICS Code:	221320	***Start Date:***	2002
Record Year:	2002	***End Date:***	2006
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code:	221320	***Start Date:***	1993
Record Year:	1997	***End Date:***	2001
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		

DRAFT FOR DISCUSSION

NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2007
Record Year: 2007 ***End Date:*** 2011
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

NAICS Code: 221320 ***Start Date:*** 2017
Record Year: 2017 ***End Date:*** 2021
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code: 221320 ***Start Date:*** 2012
Record Year: 2012 ***End Date:*** 2016
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

DRAFT FOR DISCUSSION

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NAICS Code:	221320	***Start Date:***	2022
Record Year:	2022	***End Date:***	2026
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	278800	***No of Employees:***	11
Report Year:	2001	***Is Compressor:***	
Company ID:	132279	***Is NPRI Part 4:***	
SWR Report ID:	20010000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2002-06-03 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Chado	***Extension:***	3640
Last Name:	Brcic	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Assistant Director, W & WW		
Language:	0		
Email:	chado.brcic@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		

DRAFT FOR DISCUSSION

Language:	0
Email:	deanna.barrow@regional.niagara.on.ca

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Plant Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report

Report ID:	282607	***No of Employees:***	11
Report Year:	2000	***Is Compressor:***	
Company ID:	132279	***Is NPRI Part 4:***	
SWR Report ID:	20000000005613	***Is Battery:***	
Repor Type ID:	1	***Corres Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2001-06-01 00:00:00.0000000

Company

Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
DUNS No:	0
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Plant Superintendent		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205

DRAFT FOR DISCUSSION

Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: dbarrow@regional.niagara.on.ca

NPRI Report Contact

Contact Type:
First Name: Chado
Last Name: Brcic
Company Name:
Description En:
Description Fr:
Position: Assistant Director, W & WW
Language: 0
Email: cbrcic@regional.niagara.on.ca
Phone: 9056851571
Extension: 3640
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Deanna
Last Name: Barrow
Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: dbarrow@regional.niagara.on.ca
Phone: 9056851571
Extension: 3543
Fax: 9056855205

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381

DRAFT FOR DISCUSSION

Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE POLLUTION CONTROL PLANT

DRAFT FOR DISCUSSION

Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

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Alternative Location Info

Facility ID:	275334
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE.
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	449671
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A 5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	275334
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	418380
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A 5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	418380
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE.
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	449671
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE.
City:	FORT ERIE

DRAFT FOR DISCUSSION

Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

DRAFT FOR DISCUSSION

Facility ID: 418380
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON

DRAFT FOR DISCUSSION

Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334

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Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

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Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:

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City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

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

Alternative Location Info

Facility ID:	379608
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	16 of 16	E/83.9	179.5 / 3.69	FORT ERIE POLLUTION CONTROL PLANT 1 ANGER AVE. FORT ERIE ON L2A5M4	PFHA

NPRI ID:	5613
Facility ID:	275334;356536;367503;371774;379608;379609;418380;437285;449671
Latitude:	42.9381
Longitude:	-78.9273
Note:	Substances included on NPRI reports for this NPRI ID are summarized below in the NPRI ID Substances Summary section. Substances listed in the Substances Summary are included on the basis of NPRI ID only. For entities (NPRI ID) with mobile plants and/or more than one facility location, substances listed above may or may not have been reported for specific facilities/mobile locations. The list of substances additionally includes those which have been included on the NPRI report with an unknown quantity or a quantity of 0. For specific details about substance quantities, years, release/transfer/disposal methods, the reader is referred the facility report: https://pollution-waste.canada.ca/national-release-inventory/?fromYear=1993&toYear=2023&name=5613

Alternative Location Info

Facility ID:	379608
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A 5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	379609
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	
City:	FORT ERIE
Postal ZIP:	L2A 5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	379608
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

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Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE

DRAFT FOR DISCUSSION

Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

DRAFT FOR DISCUSSION

Facility ID: 437285
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
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Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON

DRAFT FOR DISCUSSION

Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671

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Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379609
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 379608
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

DRAFT FOR DISCUSSION

Alternative Location Info

Facility ID:	275334
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	371774
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	418380
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	367503
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	367503
Facility Name:	FORT ERIE WATER POLLUTION CONTROL PLANT
Address1:	1 ANGER AVENUE
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

Alternative Location Info

Facility ID:	275334
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT
Address1:	1 ANGER AVENUE

DRAFT FOR DISCUSSION

City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

DRAFT FOR DISCUSSION

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 367503
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 449671
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 418380
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4

DRAFT FOR DISCUSSION

Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 356536
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 371774
Facility Name: FORT ERIE WATER POLLUTION CONTROL PLANT
Address1: 1 ANGER AVENUE
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 437285
Facility Name: FORT ERIE WASTEWATER TREATMENT PLANT
Address1:
City: FORT ERIE
Postal ZIP: L2A 5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

Facility ID: 275334
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Address1: 1 ANGER AVE.
City: FORT ERIE
Postal ZIP: L2A5M4
Province EN: ON
Latitude: 42.9381
Longitude: -78.9273

Alternative Location Info

DRAFT FOR DISCUSSION

Facility ID:	449671
Facility Name:	FORT ERIE POLLUTION CONTROL PLANT
Address1:	1 ANGER AVE.
City:	FORT ERIE
Postal ZIP:	L2A5M4
Province EN:	ON
Latitude:	42.9381
Longitude:	-78.9273

NPRI ID Substances Summary

CAS No:	NA - 22	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Phosphorus (total)		
Name French:	Phosphore (total)		
Sort English:	Phosphorus (total)		
Sort French:	Phosphore (total)		

CAS No:	NA - 20	**Is VOC?:**	TRUE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Nonylphenol and its ethoxylates		
Name French:	Nonylphénol et ses dérivés éthoxylés		
Sort English:	Nonylphenol and its ethoxylates		
Sort French:	Nonylphénol et ses dérivés éthoxylés		

CAS No:	NA - 17	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Nitrate ion in solution at pH >= 6.0		
Name French:	Nitrate (ion en sol. à un pH de >= 6.0)		
Sort English:	Nitrate ion in solution at pH >= 6.0		
Sort French:	Nitrate (ion en sol. à un pH de >= 6.0)		

CAS No:	NA - 16	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Ammonia (total)		
Name French:	Ammoniac (total)		
Sort English:	Ammonia (total)		
Sort French:	Ammoniac (total)		

CAS No:	7782-50-5	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Chlorine		
Name French:	Chlore		
Sort English:	Chlorine		
Sort French:	Chlore		

CAS No:	NA - 16	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Ammonia (total)		
Name French:	Ammoniac (total)		
Sort English:			
Sort French:			

CAS No:	NA - 19	**Is VOC?:**	FALSE
Digits:		**Is DF?:**	FALSE
Decimal Points:		**Is PAH?:**	FALSE
Name English:	Hexavalent chromium (and its compounds)		
Name French:	Chrome hexavalent (et ses composés)		
Sort English:	Hexavalent chromium (and its compounds)		

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Sort French: Chrome hexavalent (et ses composés)

Geographic Location

Report Year:	-1	***Forward Sort Area:***	L2A
Census Subdiv ID:	3526003	***DLS Description:***	
Ecozone ID:	8	***NTS Description:***	D-025-L/030-L-15
Water Survey ID:	2	***Province Code:***	ON
SOMA:	TRUE	***Datum:***	1983.0
ON PEMA:	TRUE	***Latitude:***	42.9381
QC PEMA:	FALSE	***Longitude:***	-78.9273
QC Windsor Corridr:	TRUE		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	379608

Facility

IDM ID:	0	***Portable:***	FALSE
AB Approval ID:	0	***NAICS Primary:***	221320
GHGRP ID:	0	***NAICS Secondary:***	0
ON GHGRP ID:	0	***NAICS Tertiary:***	0
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT		
Website:	regional.niagara.on.ca		

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Primary NAICS Details

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	1993
NAICS Code:	221320	***End Date:***	2001
Record Year:	1997		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		

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NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2002
NAICS Code: 221320 ***End Date:*** 2006
Record Year: 2002
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2017
NAICS Code: 221320 ***End Date:*** 2021
Record Year: 2017
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and

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dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2022
NAICS Code:	221320	***End Date:***	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	275668	***No of Employees:***	10
Report Year:	2002	***Is Compressor:***	
Company ID:	148109	***Is NPRI Part 4:***	
SWR Report ID:	20020000005613	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2003-06-02 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specific data. If data was not available, typical values given in the NPRI Guidance Manual for the Wastewater Sector were used ot estimate quantities of substances entering the plant in o **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		

DRAFT FOR DISCUSSION

Description Fr: Responsable des renseignements au public
Position: Wastewater Operations Manager
Language: 0
Email: jim.corkery@regional.niagara.on.ca

NPRI Report Contact

Contact Type:
First Name: Deanna
Last Name: Barrow
Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: deanna.barrow@regional.niagara.on.ca
Phone: 9056854225
Extension: 3543
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: George
Last Name: Bis
Company Name:
Description En:
Description Fr:
Position: Quality Control Technologist
Language: 0
Email: george.bis@regional.niagara.on.ca
Phone: 9056851571
Extension: 3261
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Nenad
Last Name: Kenzev
Company Name:
Description En:
Description Fr:
Position: P.Eng. Practice Leader
Language: 0
Email: nknezev@macviro.com
Phone: 9054757270
Extension: 235
Fax: 9054755994

NPRI ID Facility ID

NPRI ID: 5613
Facility ID: 437285

Facility

IDM ID: 12234
AB Approval ID:
GHGRP ID:
ON GHGRP ID:
Facility Name: Fort Erie Wastewater Treatment Plant
Website:
Portable: FALSE
NAICS Primary: 221320
NAICS Secondary: 0
NAICS Tertiary: 0

Address

Address1:
Address2:
City: Fort Erie
Postal Zip: L2A 5M4

DRAFT FOR DISCUSSION

Prov:

Address Geographic

Datum:	1983	***UTM Zone:***	0
Latitude:	42.938100	***UTM Easting:***	0.000000
Longitude:	-78.927300	***UTM Northing:***	0.000000
Land Survey:			
Topograph:			
Additional Info:			

Primary NAICS Details

Key Indus Sectr ID:	17	***Start Date:***	2002
NAICS Code:	221320	***End Date:***	2006
Record Year:	2002		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	1993
NAICS Code:	221320	***End Date:***	2001
Record Year:	1997		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and

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dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2012
NAICS Code:	221320	***End Date:***	2016
Record Year:	2012		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2017
NAICS Code:	221320	***End Date:***	2021
Record Year:	2017		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2022
NAICS Code:	221320	***End Date:***	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des

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eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	326677	***No of Employees:***	6
Report Year:	2021	***Is Compressor:***	
Company ID:	176110	***Is NPRI Part 4:***	
SWR Report ID:	10948	***Is Battery:***	
Repor Type ID:	8	***Corresp Lang ID:***	1
New Reporter:	FALSE	***Submit Date:***	2022-05-30 16:03:36.7138609

Company

DUNS No:	
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	905-685-4225
First Name:	Jason	***Extension:***	3758
Last Name:	Oatley	***Fax:***	
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Manager Wastewater Quality and Compliance		
Language:	1		
Email:	jason.oatley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	356536

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Facility

IDM ID:	0	***Portable:***	FALSE
AB Approval ID:	0	***NAICS Primary:***	221320
GHGRP ID:	0	***NAICS Secondary:***	0
ON GHGRP ID:	0	***NAICS Tertiary:***	0
Facility Name:	FORT ERIE WASTEWATER TREATMENT PLANT		
Website:	www.regional.niagara.on.ca		

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Address Geographic

Datum:	1983	***UTM Zone:***	0
Latitude:	42.9381	***UTM Easting:***	0.000000
Longitude:	-78.9273	***UTM Northing:***	0.000000
Land Survey:			
Topograph:			
Additional Info:			

Primary NAICS Details

Key Indus Sectr ID:	17	***Start Date:***	2002
NAICS Code:	221320	***End Date:***	2006
Record Year:	2002		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

DRAFT FOR DISCUSSION

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 1993
NAICS Code: 221320 ***End Date:*** 2001
Record Year: 1997
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2017
NAICS Code: 221320 ***End Date:*** 2021
Record Year: 2017
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2022

DRAFT FOR DISCUSSION

NAICS Code:	221320	**End Date:**	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	114375	**No of Employees:**	4
Report Year:	2009	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20090000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2010-05-26 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Heather	**Extension:**	3319
Last Name:	Sim	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	heather.sim@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792

DRAFT FOR DISCUSSION

Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@niagararegion.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9053542754
First Name:	Doug	**Extension:**	
Last Name:	Johnson	**Fax:**	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	doug.johnson@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792
Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@niagararegion.ca		

NPRI Report

Report ID:	122895	**No of Employees:**	4
Report Year:	2008	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20080000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2009-05-27 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056854225
First Name:	Heather	**Extension:**	3319
Last Name:	Sim	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	heather.sim@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792
Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792
Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9053542754
First Name:	Mike	**Extension:**	
Last Name:	Jarzembecki	**Fax:**	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report

Report ID:	116761	**No of Employees:**	4
Report Year:	2007	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20070000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2008-05-30 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

DRAFT FOR DISCUSSION

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Chris	***Extension:***	3792
Last Name:	Gatchene	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Chris	***Extension:***	3792
Last Name:	Gatchene	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9053542754
First Name:	Mike	***Extension:***	
Last Name:	Jarzembecki	***Fax:***	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Heather	***Extension:***	3319
Last Name:	Sim	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	heather.sim@regional.niagara.on.ca		

NPRI Report

DRAFT FOR DISCUSSION

Report ID:	152850	**No of Employees:**	4
Report Year:	2006	**Is Compressor:**	
Company ID:	134545	**Is NPRI Part 4:**	
SWR Report ID:	20060000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2007-05-08 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Chris	**Extension:**	3792
Last Name:	Gatchene	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	0		
Email:	chris.gatchene@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Deanna	**Extension:**	3543
Last Name:	Barrow	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9053542754
First Name:	Mike	**Extension:**	
Last Name:	Jarzembecki	**Fax:**	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

DRAFT FOR DISCUSSION

NPRI Report

Report ID:	255440	***No of Employees:***	4
Report Year:	2005	***Is Compressor:***	
Company ID:	134545	***Is NPRI Part 4:***	
SWR Report ID:	20050000005613	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2006-05-30 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9053542754
First Name:	Mike	***Extension:***	0
Last Name:	Jarzembecki	***Fax:***	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	michael.jarzembecki@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		
Language:	0		
Email:	george.bis@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

DRAFT FOR DISCUSSION

NPRI Report

Report ID:	263376	***No of Employees:***	10
Report Year:	2004	***Is Compressor:***	
Company ID:	134545	***Is NPRI Part 4:***	
SWR Report ID:	20040000005613	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2005-06-23 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	www.regional.niagara.on.ca

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9053542754
First Name:	Mike	***Extension:***	0
Last Name:	Jarzembecki	***Fax:***	9053747188
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Wastewater Operations Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Manager, Process & Staff Development		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Quality Control Technologist		

DRAFT FOR DISCUSSION

Language: 0
Email: george.bis@regional.niagara.on.ca

NPRI Report

Report ID:	271552	***No of Employees:***	10
Report Year:	2003	***Is Compressor:***	
Company ID:	134545	***Is NPRI Part 4:***	
SWR Report ID:	20030000005613	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2004-06-01 00:00:00.0000000

Company

DUNS No: 0
Company Name: REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: Calculations for each substance were based on all available plant specific data. If data was not available, typical values given in the NPRI Guidance Manual for the Wastewater Sector were used to estimate quantities of substances entering the plant in ord **Note: data in the [Comment] field for some records is truncated from the source.
Note:

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			

Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position: Wastewater Operations Manager
Language: 0
Email: jim.corkery@regional.niagara.on.ca

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			

Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: deanna.barrow@regional.niagara.on.ca

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	George	***Extension:***	3261
Last Name:	Bis	***Fax:***	9056855205
Company Name:			

Description En:

DRAFT FOR DISCUSSION

Description Fr:
Position: Quality Control Technologist
Language: 0
Email: george.bis@regional.niagara.on.ca

NPRI ID Facility ID

NPRI ID: 5613
Facility ID: 449671

Facility

IDM ID: 12234
AB Approval ID: 0
GHGRP ID: 0
ON GHGRP ID:
Facility Name: Fort Erie Wastewater Treatment Plant
Website:
Portable: FALSE
NAICS Primary: 221320
NAICS Secondary:
NAICS Tertiary:

Address

Address1: 1 Anger Avenue
Address2:
City: Fort Erie
Postal Zip: L2A 5M4
Prov:

Address Geographic

Datum: 1983
Latitude: 42.938100
Longitude: -78.927300
Land Survey:
Topograph:
Additional Info:
UTM Zone: 0
UTM Easting: 0.000000
UTM Northing: 0.000000

Primary NAICS Details

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 2002
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées
Start Date: 2002
End Date: 2006

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 1997
Key Indus Sector En: Water and Wastewater Systems
Start Date: 1993
End Date: 2001

DRAFT FOR DISCUSSION

Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2017
NAICS Code: 221320 ***End Date:*** 2021
Record Year: 2017
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2007
NAICS Code: 221320 ***End Date:*** 2011
Record Year: 2007
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

DRAFT FOR DISCUSSION

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2022
NAICS Code:	221320	***End Date:***	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	345828	***No of Employees:***	6
Report Year:	2022	***Is Compressor:***	
Company ID:	182407	***Is NPRI Part 4:***	
SWR Report ID:	25916	***Is Battery:***	
Repor Type ID:	8	***Corresp Lang ID:***	1
New Reporter:	FALSE	***Submit Date:***	2023-05-31 19:09:19.6995699

Company

DUNS No:	
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	905-685-4225
First Name:	Jason	***Extension:***	3758
Last Name:	Oatley	***Fax:***	
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Manager Wastewater Quality and Compliance		
Language:	1		
Email:	jason.oatley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615

DRAFT FOR DISCUSSION

Last Name:	MacArthur	**Fax:**	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	905-685-4225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	
Company Name:			
Description En:			
Description Fr:			
Position:	Supervisor Wastewater Compliance and Enforcement		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	275334

Facility

IDM ID:	12234	**Portable:**	FALSE
AB Approval ID:	0	**NAICS Primary:**	221320
GHGRP ID:	0	**NAICS Secondary:**	0
ON GHGRP ID:	0	**NAICS Tertiary:**	0
Facility Name:	Fort Erie Wastewater Treatment Plant		
Website:			

Address

Address1:	1 Anger Avenue
Address2:	
City:	FORT ERIE
Postal Zip:	L2A5M4
Prov:	

Address Geographic

Datum:	1983	**UTM Zone:**	0
Latitude:	42.9381	**UTM Easting:**	0.000000
Longitude:	-78.9273	**UTM Northing:**	0.000000
Land Survey:			
Topograph:			
Additional Info:			

Primary NAICS Details

Key Indus Sectr ID:	17	**Start Date:**	2002
NAICS Code:	221320	**End Date:**	2006
Record Year:	2002		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

DRAFT FOR DISCUSSION

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	1993
NAICS Code:	221320	***End Date:***	2001
Record Year:	1997		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2017
NAICS Code:	221320	***End Date:***	2021
Record Year:	2017		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

DRAFT FOR DISCUSSION

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2012
NAICS Code:	221320	***End Date:***	2016
Record Year:	2012		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2022
NAICS Code:	221320	***End Date:***	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	65252	***No of Employees:***	6
Report Year:	2019	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	158857	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2020-04-22 16:24:13.4230000

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	82765	**No of Employees:**	6
Report Year:	2018	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	149842	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2019-05-28 11:56:15.8033333

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Dawn	**Extension:**	3615
Last Name:	MacArthur	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		

DRAFT FOR DISCUSSION

Email: dawn.macarthur@niagararegion.ca

NPRI Report

Report ID:	82764	***No of Employees:***	6
Report Year:	2017	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	97937	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2018-05-15 16:54:29.5133333

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	82763	***No of Employees:***	6
Report Year:	2016	***Is Compressor:***	
Company ID:	111012	***Is NPRI Part 4:***	
SWR Report ID:	83499	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2017-05-15 15:53:32.0100000

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

DRAFT FOR DISCUSSION

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report

Report ID:	18363	***No of Employees:***	6
Report Year:	2015	***Is Compressor:***	
Company ID:	57290	***Is NPRI Part 4:***	
SWR Report ID:	73170	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2016-05-30 00:00:00.0000000

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Compliance Technologist, Wastewater		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		

DRAFT FOR DISCUSSION

Language: 1
Email: dawn.macarthur@niagararegion.ca

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

Report ID: 26474
Report Year: 2014
Company ID: 111012
SWR Report ID: 51578
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 6
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corresp Lang ID: 0
Submit Date: 2015-05-19 00:00:00.0000000

Company

DUNS No: 0
Company Name: Regional Municipality of Niagara
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Phone: 9056854225
Extension: 3615
Fax: 9056855205

DRAFT FOR DISCUSSION

Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca

NPRI Report

Report ID: 37368
Report Year: 2013
Company ID: 111012
SWR Report ID: 38070
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 6
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corresp Lang ID: 0
Submit Date: 2014-05-27 00:00:00.0000000

Company

DUNS No: 0
Company Name: Regional Municipality of Niagara
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Compliance Technologist, Wastewater
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

DRAFT FOR DISCUSSION

Report ID:	43722	**No of Employees:**	6
Report Year:	2012	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	14239	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	1
New Reporter:	FALSE	**Submit Date:**	2013-05-21 00:00:00.0000000

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	David	**Extension:**	3615
Last Name:	Haley	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	David	**Extension:**	3615
Last Name:	Haley	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	David	**Extension:**	3615
Last Name:	Haley	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	david.haley@niagararegion.ca		

NPRI Report

Report ID:	52525	**No of Employees:**	6
Report Year:	2011	**Is Compressor:**	
Company ID:	111012	**Is NPRI Part 4:**	
SWR Report ID:	1091	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	1
New Reporter:	FALSE	**Submit Date:**	2012-06-07 00:00:00.0000000

DRAFT FOR DISCUSSION

Company

DUNS No: 0
Company Name: Regional Municipality of Niagara
Trade Name En:
Trade Name Fr:
Website:

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Dawn
Last Name: MacArthur
Company Name:
Description En:
Description Fr:
Position: Environmental Technologist
Language: 1
Email: dawn.macarthur@niagararegion.ca
Phone: 9056854225
Extension: 3615
Fax: 9056855205

NPRI Report

Report ID: 138228
Report Year: 2010
Company ID: 111012
SWR Report ID: 20100000005613
Repor Type ID: 1
New Reporter: TRUE
No of Employees: 5
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corresp Lang ID: 0
Submit Date: 2011-10-03 00:00:00.0000000

Company

DUNS No: 0
Company Name: Regional Municipality of Niagara
Trade Name En:
Trade Name Fr:
Website:

DRAFT FOR DISCUSSION

NPRI Report Comment

Description En:	General comments about the facility
Description Fr:	Commentaires généraux à propos de l'installation
Comment:	Calculations for each substance were based on all available plant specificdata. If data was not available, typical values given in the NPRI GuidanceManual for the Wastewater Sector were used to estimate quantities of substances entering the plant in order **Note: data in the [Comment] field for some records is truncated from the source.
Note:	

NPRI Report Comment

Description En:	NPRI report update comment
Description Fr:	Commentaire sur la mise à jour du rapport de l'INRP
Comment:	Update Waterbody information
Note:	

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056854225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Environmental Technologist		

DRAFT FOR DISCUSSION

Language: 1
Email: dawn.macarthur@niagararegion.ca

NPRI ID Facility ID

NPRI ID: 5613
Facility ID: 371774

Facility

IDM ID: 0
AB Approval ID: 0
GHGRP ID: 0
ON GHGRP ID: 0
Facility Name: Fort Erie Pollution Control Plant
Website: www.regional.niagara.on.ca/departments/works/
Portable: FALSE
NAICS Primary: 221320
NAICS Secondary: 0
NAICS Tertiary: 0

Address

Address1: 1 Anger Ave
Address2:
City: FORT ERIE
Postal Zip: L2A5M4
Prov:

Primary NAICS Details

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 2002
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées
Start Date: 2002
End Date: 2006

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 1997
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées
Start Date: 1993
End Date: 2001

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

DRAFT FOR DISCUSSION

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2012
NAICS Code:	221320	***End Date:***	2016
Record Year:	2012		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2017
NAICS Code:	221320	***End Date:***	2021
Record Year:	2017		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID:	17	***Start Date:***	2022
NAICS Code:	221320	***End Date:***	2026

DRAFT FOR DISCUSSION

Record Year: 2022
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID: 284891
Report Year: 1999
Company ID: 145688
SWR Report ID: 19990000005613
Repor Type ID: 1
New Reporter: FALSE
No of Employees: 11
Is Compressor:
Is NPRI Part 4:
Is Battery:
Corresp Lang ID: 0
Submit Date: 2000-06-01 00:00:00.0000000

Company

DUNS No: 122161698
Company Name: Regional Municipality of Niagara
Trade Name En:
Trade Name Fr:
Website: www.regional.niagara.on.ca/departments/works/

NPRI Report Comment

Description En: General comments about the facility
Description Fr: Commentaires généraux à propos de l'installation
Comment: This facility uses Sodium Hypochlorite for disinfection and will now report only one Substance Ammonium under the NPRI
Note:

NPRI Report Contact

Contact Type:
First Name: Joseph
Last Name: Furgal
Company Name:
Description En:
Description Fr:
Position: Process Engineer
Language: 0
Email: jfurgal@regional.niagara.on.ca
Phone: 9056851571
Extension: 3208
Fax: 9056855205

NPRI Report Contact

Contact Type:
First Name: Joseph
Last Name: Furgal
Company Name:
Description En:
Phone: 9056851571
Extension: 3208
Fax: 9056855205

DRAFT FOR DISCUSSION

Description Fr:
Position: Process Engineer
Language: 0
Email: jfurgal@regional.niagara.on.ca

NPRI Report Contact

Contact Type: NPRI
First Name: James
Last Name: Corkery
Company Name:
Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position: Superintendent
Language: 0
Email:
Phone: 9058712264
Extension: 0
Fax: 9058712263

NPRI Report Contact

Contact Type:
First Name: Chado
Last Name: Brcic
Company Name:
Description En:
Description Fr:
Position: Assistant Director
Language: 0
Email:
Phone: 0
Extension: 0
Fax: 0

NPRI ID Facility ID

NPRI ID: 5613
Facility ID: 418380

Facility

IDM ID: 12234
AB Approval ID: 0
GHGRP ID: 0
ON GHGRP ID:
Facility Name: Fort Erie Wastewater Treatment Plant
Website:
Portable: FALSE
NAICS Primary: 221320
NAICS Secondary: 0
NAICS Tertiary: 0

Address

Address1: 1 Anger Avenue
Address2:
City: FORT ERIE
Postal Zip: L2A 5M4
Prov:

Address Geographic

Datum: 1983
Latitude: 42.9381
Longitude: -78.9273
Land Survey:
Topograph:
Additional Info:
UTM Zone: 0
UTM Easting: 0.000000
UTM Northing: 0.000000

DRAFT FOR DISCUSSION

Primary NAICS Details

Key Indus Sectr ID:	17	***Start Date:***	1993
NAICS Code:	221320	***End Date:***	2001
Record Year:	1997		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2002
NAICS Code:	221320	***End Date:***	2006
Record Year:	2002		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2007
NAICS Code:	221320	***End Date:***	2011
Record Year:	2007		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage Treatment Facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID:	17	***Start Date:***	2017
NAICS Code:	221320	***End Date:***	2021
Record Year:	2017		
Key Indus Sector En:	Water and Wastewater Systems		

DRAFT FOR DISCUSSION

Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2022
NAICS Code: 221320 ***End Date:*** 2026
Record Year: 2022
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID: 312771 ***No of Employees:*** 6
Report Year: 2020 ***Is Compressor:***
Company ID: 171289 ***Is NPRI Part 4:***
SWR Report ID: 44 ***Is Battery:***
Repor Type ID: 8 ***Corresp Lang ID:*** 1
New Reporter: FALSE ***Submit Date:*** 2021-08-27 16:53:21.2098117

DRAFT FOR DISCUSSION

Company

DUNS No:	0
Company Name:	Regional Municipality of Niagara
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:			
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	905-685-4225
First Name:	Jason	***Extension:***	3758
Last Name:	Oatley	***Fax:***	
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:			
Language:	1		
Email:	jason.oatley@niagararegion.ca		

NPRI Report Contact

Contact Type:		***Phone:***	905-685-4225
First Name:	Dawn	***Extension:***	3615
Last Name:	MacArthur	***Fax:***	
Company Name:			
Description En:			
Description Fr:			
Position:			
Language:	1		
Email:	dawn.macarthur@niagararegion.ca		

NPRI ID Facility ID

NPRI ID:	5613
Facility ID:	379609

Facility

IDM ID:	0	***Portable:***	FALSE
AB Approval ID:	0	***NAICS Primary:***	221320
GHGRP ID:	0	***NAICS Secondary:***	0
ON GHGRP ID:	0	***NAICS Tertiary:***	0
Facility Name:	Fort Erie Water Pollution Control Plant		
Website:			

Address

Address1:	1 Anger Avenue

DRAFT FOR DISCUSSION

Address2:
City: FORT ERIE
Postal Zip: L2A5M4
Prov:

Primary NAICS Details

Key Indus Sectr ID: 17 ***Start Date:*** 2002
NAICS Code: 221320 ***End Date:*** 2006
Record Year: 2002
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 1993
NAICS Code: 221320 ***End Date:*** 2001
Record Year: 1997
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2007
NAICS Code: 221320 ***End Date:*** 2011
Record Year: 2007
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

DRAFT FOR DISCUSSION

Key Indus Sectr ID: 17 ***Start Date:*** 2017
NAICS Code: 221320 ***End Date:*** 2021
Record Year: 2017
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

Key Indus Sectr ID: 17 ***Start Date:*** 2022
NAICS Code: 221320 ***End Date:*** 2026
Record Year: 2022
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID: 278800 ***No of Employees:*** 11

DRAFT FOR DISCUSSION

Report Year:	2001	**Is Compressor:**	
Company ID:	132279	**Is NPRI Part 4:**	
SWR Report ID:	20010000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	2002-06-03 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	Deanna	**Extension:**	3543
Last Name:	Barrow	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9058712264
First Name:	Jim	**Extension:**	0
Last Name:	Corkery	**Fax:**	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Plant Manager		
Language:	0		
Email:	jim.corkery@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056854225
First Name:	Deanna	**Extension:**	3543
Last Name:	Barrow	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	deanna.barrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	Chado	**Extension:**	3640
Last Name:	Brcic	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Assistant Director, W & WW		
Language:	0		
Email:	chado.brcic@regional.niagara.on.ca		

DRAFT FOR DISCUSSION

NPRI Report

Report ID:	282607	***No of Employees:***	11
Report Year:	2000	***Is Compressor:***	
Company ID:	132279	***Is NPRI Part 4:***	
SWR Report ID:	20000000005613	***Is Battery:***	
Repor Type ID:	1	***Corresp Lang ID:***	0
New Reporter:	FALSE	***Submit Date:***	2001-06-01 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Process Engineer		
Language:	0		
Email:	dbarrow@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Chado	***Extension:***	3640
Last Name:	Brcic	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	Assistant Director, W & WW		
Language:	0		
Email:	cbrcic@regional.niagara.on.ca		

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	Jim	***Extension:***	0
Last Name:	Corkery	***Fax:***	9058712263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Plant Superintendent		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	Deanna	***Extension:***	3543
Last Name:	Barrow	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			

DRAFT FOR DISCUSSION

Position: Process Engineer
Language: 0
Email: dbarrow@regional.niagara.on.ca

NPRI ID Facility ID

NPRI ID: 5613
Facility ID: 367503

Facility

IDM ID: 0
AB Approval ID: 0
GHGRP ID: 0
ON GHGRP ID: 0
Facility Name: FORT ERIE POLLUTION CONTROL PLANT
Website:
Portable: FALSE
NAICS Primary: 221320
NAICS Secondary: 0
NAICS Tertiary: 0

Address

Address1: 1 ANGER AVE.
Address2:
City: FORT ERIE
Postal Zip: L2A5M4
Prov:

Primary NAICS Details

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 2007
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées
Start Date: 2007
End Date: 2011

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17
NAICS Code: 221320
Record Year: 1997
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées
Start Date: 1993
End Date: 2001

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

NAICS Description Fr:

DRAFT FOR DISCUSSION

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des déchets.

Key Indus Sectr ID: 17 ***Start Date:*** 2002
NAICS Code: 221320 ***End Date:*** 2006
Record Year: 2002
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage Treatment Facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of waste.

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Key Indus Sectr ID: 17 ***Start Date:*** 2012
NAICS Code: 221320 ***End Date:*** 2016
Record Year: 2012
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

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Key Indus Sectr ID: 17 ***Start Date:*** 2017
NAICS Code: 221320 ***End Date:*** 2021
Record Year: 2017
Key Indus Sector En: Water and Wastewater Systems
Key Indus Sector Fr: Systèmes d'eau et des eaux usées
NAICS Title En: Sewage treatment facilities
NAICS Title Fr: Installations d'épuration des eaux usées

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Key Indus Sectr ID: 17 ***Start Date:*** 2022

DRAFT FOR DISCUSSION

NAICS Code:	221320	**End Date:**	2026
Record Year:	2022		
Key Indus Sector En:	Water and Wastewater Systems		
Key Indus Sector Fr:	Systèmes d'eau et des eaux usées		
NAICS Title En:	Sewage treatment facilities		
NAICS Title Fr:	Installations d'épuration des eaux usées		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sewer systems and sewage treatment facilities that collect, treat and dispose of wastewater.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale consiste à exploiter les réseaux d'égouts et les usines de traitement des eaux usées qui font la collecte, le traitement et l'élimination des eaux usées.

NPRI Report

Report ID:	286687	**No of Employees:**	11
Report Year:	1998	**Is Compressor:**	
Company ID:	132279	**Is NPRI Part 4:**	
SWR Report ID:	19980000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	1999-06-01 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	0
First Name:	CHADO	**Extension:**	0
Last Name:	BRCIC	**Fax:**	0
Company Name:			
Description En:			
Description Fr:			
Position:	ASSISTANT DIRECTOR WATER & WAS		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	PROCESS ENGINEER		
Language:	0		
Email:	jfurgal@environiagara.com		

NPRI Report Contact

DRAFT FOR DISCUSSION

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9066855205
Company Name:			
Description En:			
Description Fr:			
Position:	PROCESS ENGINEER		
Language:	0		
Email:	jfurgal@environiagara.com		

NPRI Report Contact

Contact Type:	NPRI	**Phone:**	9058712264
First Name:	JAMES	**Extension:**	0
Last Name:	CORKERY	**Fax:**	9058942263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	SUPERINTENDENT		
Language:	0		
Email:			

NPRI Report

Report ID:	288727	**No of Employees:**	10
Report Year:	1997	**Is Compressor:**	
Company ID:	132279	**Is NPRI Part 4:**	
SWR Report ID:	19970000005613	**Is Battery:**	
Repor Type ID:	1	**Corresp Lang ID:**	0
New Reporter:	FALSE	**Submit Date:**	1998-06-01 00:00:00.0000000

Company

DUNS No:	0
Company Name:	REGIONAL MUNICIPALITY OF NIAGARA
Trade Name En:	
Trade Name Fr:	
Website:	

NPRI Report Contact

Contact Type:		**Phone:**	0
First Name:	SAL	**Extension:**	0
Last Name:	IANNELLO	**Fax:**	0
Company Name:			
Description En:			
Description Fr:			
Position:	ACTING ASSISTANT DIRECTOR ENV		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:		**Phone:**	9056851571
First Name:	JOSEPH	**Extension:**	3208
Last Name:	FURGAL	**Fax:**	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	MANAGER INDUSTRIAL WASTE & LAB		
Language:	0		
Email:			

DRAFT FOR DISCUSSION

NPRI Report Contact

Contact Type:		***Phone:***	9056851571
First Name:	JOSEPH	***Extension:***	3208
Last Name:	FURGAL	***Fax:***	9056855205
Company Name:			
Description En:			
Description Fr:			
Position:	MANAGER INDUSTRIAL WASTE & LAB		
Language:	0		
Email:			

NPRI Report Contact

Contact Type:	NPRI	***Phone:***	9058712264
First Name:	JAMES	***Extension:***	0
Last Name:	CORKERY	***Fax:***	9058942263
Company Name:			
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	SUPERINTENDENT		
Language:	0		
Email:			

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56 ***1 of 1*** ***E/85.9*** ***177.1 / 1.21*** ***ON*** ***BORE***

Borehole ID:	607165	***Inclin FLG:***	No
OGF ID:	215508973	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	NOV-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:	Not Used	***Township:***	
Sec. Water Use:		***Latitude DD:***	42.938765
Total Depth m:	3	***Longitude DD:***	-78.925555
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	669255
Drill Method:	Power auger	***Northing:***	4756102
Orig Ground Elev m:	176	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	177		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377760	***Mat Consistency:***	Hard
Top Depth:	.8	***Material Moisture:***	
Bottom Depth:	2.6	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT. VARI-COLOURED,LACUSTRINE,HARD.		

DRAFT FOR DISCUSSION

Geology Stratum ID:	218377759	**Mat Consistency:**	Soft
Top Depth:	.5	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,LACUSTRINE,VERY SOFT.		

Geology Stratum ID:	218377758	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:		**Depositional Gen:**	organic
Gsc Material Description:			
Stratum Description:	LOAM,CLAY,ORGANIC. BROWN,FIRM.		

Geology Stratum ID:	218377761	**Mat Consistency:**	Hard
Top Depth:	2.6	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,GRAVEL. VARI-COLOURED,LACUSTRINE,HARD.000000060002509100085082900 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 058350 NTS_Sheet: 30L15E		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

57 | ***1 of 2*** | ***E/86.9*** | ***174.3 / -1.59*** | ***NIAGARA PARKS COMMISSION***
NIAGARA RIVER PKWY./ANGER AVE.
FORT ERIE TOWN ON | ***CA***

Certificate #:	3-1236-94-
Application Year:	94
Issue Date:	9/28/1994
Approval Type:	Municipal sewage
Status:	Approved

DRAFT FOR DISCUSSION

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

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

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57 | ***2 of 2*** | ***E/86.9*** | ***174.3 / -1.59*** | ***FORT ERIE TOWN NIAGARA RIVER PKWAY/ANGER AVE. FORT ERIE TOWN ON*** | ***CA***

Certificate #: 3-1530-95-006
Application Year: 95
Issue Date: 11/16/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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58 | ***1 of 1*** | ***SW/87.2*** | ***184.9 / 9.00*** | ***Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3 Bertie ON*** | ***OOGW***

Licence No:	F015209	***Well Compl:***	26879
Well ID:	27286	***County:***	Welland
Well Compl ID:	26879	***Block:***	
W Class ID:	2362	***Lot:***	8
UWI Code:	F015209	***Conc:***	IIINR
Permit Date:		***Surface Lat NAD83:***	42.93351528
Depth(m):	253.29	***Surface Long NAD83:***	-78.94364833
Well Pool:	Welland Pool	***Bottom Lat NAD83:***	42.93351528
Completion Date:		***Bottom Long NAD83:***	-78.94364833
Depth Reached:	1949-9-29 0:00:00	***Lot Sides (m):***	106.68 S
Capped Date:		***E/W (m):***	64.01 W
Class ID:		***Latitude Nad27:***	
DB Source:		***Longitude Nad27:***	
Status as of:	August 2024	***bottom lat27:***	
Start Date:	1949-9-7 0:00:00	***bottom long27:***	
SPUD Date:	1949-9-7 0:00:00	***Lateral:***	No
Class:	DEV	***Accuracy:***	50.00
Grnd Elev:	185	***Method:***	Well Records (1921 to 1954)
KB Elev:	185.31	***Parent:***	
TVD:	253.29	***Prod Top:***	109.73
PBTD:		***Prod Bot:***	
TD Form:	Queenston	***PROPD Depth:***	259.08
Workover D:		***Location Method:***	Well Records (1921 to 1954)
Operator:	Chippawa Creek Gas Syndicate	***Location Accuracy:***	Within 50 metres
Township:	Bertie	***Dt Obtained:***	
Target:	CLI	***Well Status Type:***	Gas Show
Classification:	DEVELOPMENT	***Well Status Mode:***	Unknown

Well Name: Chippawa Creek Gas Syndicate #4 - New York Central Railroads #3
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

DRAFT FOR DISCUSSION

Status Type Desc:	A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH GAS HAS BEEN ENCOUNTERED BUT HAS NOT BEEN PROVEN OR JUDGED TO BE PRODUCTIVE
Status Mode Desc:	A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc:	"DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec:	
Comments:	Accuracy is approximate and not verified.

Details

License No:	F015209	***Elevation (m):***	185.01
Geology Formation:	Bass Islands/Bertie	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	185.01 / 0.3
Top (m):	0.3		

License No:	F015209	***Elevation (m):***	72.23
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	72.23 / 113.08
Top (m):	113.08		

License No:	F015209	***Elevation (m):***	-22.57
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-22.57 / 207.87
Top (m):	207.87		

License No:	F015209	***Elevation (m):***	-22.57
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-22.57 / 207.87
Top (m):	207.87		

License No:	F015209	***Elevation (m):***	11.57
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	11.57 / 173.74
Top (m):	173.74		

License No:	F015209	***Elevation (m):***	185
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	185 / 0.3
Top (m):	0.3		

License No:	F015209	***Elevation (m):***	72.23
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	72.23 / 113.08
Top (m):	113.08		

License No:	F015209	***Elevation (m):***	-58.53
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-58.53 / 243.84
Top (m):	243.84		

License No:	F015209	***Elevation (m):***	n/a
Geology Formation:	Bass Islands/Bertie	***Static Level (m):***	12.5
Type of Water:	Fresh	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 15.54
Top (m):	15.54		

License No:	F015209	***Elevation (m):***	185

DRAFT FOR DISCUSSION

Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	185 / 0.3
Top (m):	0.3		

License No:	F015209	**Elevation (m):**	-58.53
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-58.53 / 243.84
Top (m):	243.84		

License No:	F015209	**Elevation (m):**	-66.15
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-66.15 / 251.46
Top (m):	251.46		

License No:	F015209	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:		**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 165.2
Top (m):	165.2		

License No:	F015209	**Elevation (m):**	185.01
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	185.01 / 0.3
Top (m):	0.3		

License No:	F015209	**Elevation (m):**	-54.27
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-54.27 / 239.57
Top (m):	239.57		

License No:	F015209	**Elevation (m):**	-32.63
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-32.63 / 217.93
Top (m):	217.93		

License No:	F015209	**Elevation (m):**	11.57
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	11.57 / 173.74
Top (m):	173.74		

License No:	F015209	**Elevation (m):**	n/a
Geology Formation:	Bass Islands/Bertie	**Static Level (m):**	
Type of Water:		**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 74.07
Top (m):	74.07		

License No:	F015209	**Elevation (m):**	-54.27
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-54.27 / 239.57
Top (m):	239.57		

License No:	F015209	**Elevation (m):**	-32.63
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-32.63 / 217.93
Top (m):	217.93		

License No:	F015209	**Elevation (m):**	-66.15

DRAFT FOR DISCUSSION

Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-66.15 / 251.46
Top (m):	251.46		

59 **1 of 1** **NE/89.9** **175.9 / 0.00** **Consumers 557 (King Mar Syn. #28)** **OOGW**

Bertie ON

Licence No:	F015558	**Well Compl:**	27159
Well ID:	27662	**County:**	Welland
Well Compl ID:	27159	**Block:**	
W Class ID:	2362	**Lot:**	2
UWI Code:	F015558	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.94533056
Depth(m):	236.22	**Surface Long NAD83:**	-78.93236944
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94533056
Completion Date:		**Bottom Long NAD83:**	-78.93236944
Depth Reached:	1952-8-12 0:00:00	**Lot Sides (m):**	377.95 N
Capped Date:	1962-11-14 0:00:00	**E/W (m):**	143 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1952-7-15 0:00:00	**bottom long27:**	
SPUD Date:	1952-7-15 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	174	**Method:**	Well Records (1921 to 1954)
KB Elev:	174.31	**Parent:**	
TVD:	236.22	**Prod Top:**	188.98
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	The Consumers' Gas Company	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Consumers 557 (King Mar Syn. #28)
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015558	**Elevation (m):**	-22.29
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-22.29 / 196.6
Top (m):	196.6		

License No:	F015558	**Elevation (m):**	174
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	174 / 0.3
Top (m):	0.3		

License No:	F015558	**Elevation (m):**	-41.19
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-41.19 / 215.49

DRAFT FOR DISCUSSION

Top (m):	215.49		
License No:	F015558	**Elevation (m):**	174
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	174 / 0.3
Top (m):	0.3		
License No:	F015558	**Elevation (m):**	-55.51
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.51 / 229.82
Top (m):	229.82		
License No:	F015558	**Elevation (m):**	160.59
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	160.59 / 13.72
Top (m):	13.72		
License No:	F015558	**Elevation (m):**	-12.84
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-12.84 / 187.15
Top (m):	187.15		
License No:	F015558	**Elevation (m):**	-55.51
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-55.51 / 229.82
Top (m):	229.82		
License No:	F015558	**Elevation (m):**	-50.94
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-50.94 / 225.25
Top (m):	225.25		
License No:	F015558	**Elevation (m):**	70.06
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	70.06 / 104.24
Top (m):	104.24		
License No:	F015558	**Elevation (m):**	-22.29
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-22.29 / 196.6
Top (m):	196.6		
License No:	F015558	**Elevation (m):**	-50.94
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-50.94 / 225.25
Top (m):	225.25		
License No:	F015558	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	3.05
Type of Water:		**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 19.2
Top (m):	19.2		
License No:	F015558	**Elevation (m):**	160.59
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	160.59 / 13.72

DRAFT FOR DISCUSSION

Top (m):	13.72		
License No:	F015558	**Elevation (m):**	14.9
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	14.9 / 159.41
Top (m):	159.41		
License No:	F015558	**Elevation (m):**	-12.84
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-12.84 / 187.15
Top (m):	187.15		
License No:	F015558	**Elevation (m):**	160.59
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	160.59 / 13.72
Top (m):	13.72		
License No:	F015558	**Elevation (m):**	160.59
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	160.59 / 13.72
Top (m):	13.72		
License No:	F015558	**Elevation (m):**	14.9
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	14.9 / 159.41
Top (m):	159.41		
License No:	F015558	**Elevation (m):**	n/a
Geology Formation:	Guelph	**Static Level (m):**	
Type of Water:		**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 106.07
Top (m):	106.07		
License No:	F015558	**Elevation (m):**	-41.19
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-41.19 / 215.49
Top (m):	215.49		
License No:	F015558	**Elevation (m):**	70.06
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	70.06 / 104.24
Top (m):	104.24		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	1 of 1	E/96.6	174.1 / -1.73	ON	BORE

Borehole ID:	607170	**Inclin FLG:**	No
OGF ID:	215508978	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	DEC-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.940272
Total Depth m:	7.6	**Longitude DD:**	-78.924278
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	669355

DRAFT FOR DISCUSSION

Drill Method:	Power auger	**Northing:**	4756272
Orig Ground Elev m:	172	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	175		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377777	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:		**Depositional Gen:**	organic
Gsc Material Description:			
Stratum Description:	LOAM,CLAY,ORGANIC. BROWN.		

Geology Stratum ID:	218377779	**Mat Consistency:**	Stiff
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,LACUSTRINE,STIFF, LAMINATED.		

Geology Stratum ID:	218377781	**Mat Consistency:**	Stiff
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	4.5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT,SAND,CLAY, GRAVEL. BROWN,STIFF.		

Geology Stratum ID:	218377780	**Mat Consistency:**	Stiff
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND, GRAVEL. BROWN,STIFF.		

Geology Stratum ID:	218377782	**Mat Consistency:**	
Top Depth:	4.5	**Material Moisture:**	
Bottom Depth:	7.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. GREY,WEATHERED,BROKEN. 000200090004503000060023000980310014602 6 **Note: Many records		

DRAFT FOR DISCUSSION

provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218377778	**Mat Consistency:**	Firm
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,GRAVEL. MOTTLED,LACUSTRINE,FIRM.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 058400 NTS_Sheet: 30L15E		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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61 | ***1 of 1*** | ***SSE/102.9*** | ***183.8 / 7.95*** | ***425 PHIPPS STREET FORT ERIE ON*** | ***WWIS***

Well ID:	7324026	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	0	**Date Received:**	11/01/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z284653	**Contractor:**	7241
Tag:	A254748	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7324026.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/04/2018

DRAFT FOR DISCUSSION

Year Completed:	2018
Depth (m):	5.1816
Latitude:	42.9304838153731
Longitude:	-78.9319617506356
X:	-78.93196160211623
Y:	42.930483810658345
Path:	732\7324026.pdf

Bore Hole Information

Bore Hole ID:	1007321173	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	668755.00
Code OB Desc:		**North83:**	4755170.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/04/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Location Method Desc:	on Water Well Record
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	1007598783
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	06
Material 2 Desc:	SILT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007598784
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	27
Material 3 Desc:	OTHER
Formation Top Depth:	12.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Annular Space/Abandonment

DRAFT FOR DISCUSSION

Sealing Record

Plug ID:	1007598793
Layer:	2
Plug From:	1.0
Plug To:	6.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007598794
Layer:	3
Plug From:	6.0
Plug To:	17.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007598792
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007598791
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1007598782
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007598787
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007598788
Layer:	1
Slot:	10
Screen Top Depth:	7.0
Screen End Depth:	17.0
Screen Material:	5

DRAFT FOR DISCUSSION

Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Water Details

Water ID:	1007598786
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007598785
Diameter:	4.0
Depth From:	0.0
Depth To:	17.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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62 | ***1 of 1*** | ***NNE/108.6*** | ***174.9 / -1.00*** | ***1301 NIAGARA PARKWAY FORT ERIE ON L2A 5M4*** | ***HINC***

External File Num:	FS INC 0706-03101
Fuel Occurrence Type:	Vapour Release
Date of Occurrence:	6/19/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Niagara
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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63 | ***1 of 1*** | ***NW/111.5*** | ***177.9 / 2.00*** | ***lot 5 ON*** | ***WWIS***

Well ID:	6600036	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	07/25/1960
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	005

DRAFT FOR DISCUSSION

Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600036.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/08/1960
Year Completed: 1960
Depth (m): 17.6784
Latitude: 42.947357813638
Longitude: -78.9459085505702
X: -78.94590840190624
Y: 42.94735780949771
Path: 660\6600036.pdf

Bore Hole Information

Bore Hole ID:	10459770	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667571.10
Code OB Desc:		**North83:**	4757016.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	07/08/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932587846
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587847

DRAFT FOR DISCUSSION

Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587849
Layer:	4
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	32.0
Formation End Depth:	56.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587848
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587850
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	56.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

DRAFT FOR DISCUSSION

Method of Construction & Well Use

Method Construction ID:	966600036
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11008340
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930746532
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	57.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930746533
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600036
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	25.0
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

DRAFT FOR DISCUSSION

Water ID: 933947261
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

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64 | **1 of 1** | **SE/122.1** | **184.9 / 9.00** | **420 Phipps Street, Fort Erie ON** | **PINC**

Incident Id:
Incident No: 848574
Incident Reported Dt:
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Tank Status: RC Established
Task No: 3918191
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2012/11/12
Depth:
Customer Acct Name:
Incident Address:
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 420 Phipps Street, Fort Erie - 1/2" Pipeline Hit
Reported By: henry.timmers@enbridge.com
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

Pipe Material:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: No
Service Interrupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

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65 | **1 of 1** | **SE/123.6** | **184.8 / 8.90** | **FORT ERIE TOWN-PT. LOT 8, CONC. 1 BROCK ST./CROOK ST./JESSIE ST. FORT ERIE TOWN ON** | **CA**

Certificate #: 3-1298-91-
Application Year: 91
Issue Date: 8/23/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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66 | **1 of 1** | **E/127.0** | **173.9 / -2.00** | **ON** | **BORE**

Borehole ID: 607171
OGF ID: 215508979
Status:
Type: Borehole

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No

DRAFT FOR DISCUSSION

Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	DEC-1961	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:	Not Used	***Township:***	
Sec. Water Use:		***Latitude DD:***	42.940628
Total Depth m:	5.4	***Longitude DD:***	-78.924021
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	669375
Drill Method:	Power auger	***Northing:***	4756312
Orig Ground Elev m:	171	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	172		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218377784	***Mat Consistency:***	Dense
Top Depth:	1.3	***Material Moisture:***	
Bottom Depth:	2.6	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILT,SAND,CLAY, GRAVEL. BROWN,DENSE.		

Geology Stratum ID:	218377785	***Mat Consistency:***	Dense
Top Depth:	2.6	***Material Moisture:***	
Bottom Depth:	4.1	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,SILT,CLAY, GRAVEL. BROWN,VERY DENSE.		

Geology Stratum ID:	218377787	***Mat Consistency:***	Dense
Top Depth:	5.1	***Material Moisture:***	
Bottom Depth:	5.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Shale	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,CLAY,SHALE. BROWN,VERY DENSE. 000430320008411200136090001671 90RED, **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218377786	***Mat Consistency:***	Dense
Top Depth:	4.1	***Material Moisture:***	
Bottom Depth:	5.1	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Clay	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,SILT,GRAVEL, CLAY. BROWN,VERY DENSE.		

Geology Stratum ID:	218377783	***Mat Consistency:***	

DRAFT FOR DISCUSSION

Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Water-bearing	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	WATER.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 058410 NTS_Sheet: 30L15E		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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67 | ***1 of 1*** | ***WSW/128.4*** | ***183.0 / 7.10*** | ***Thomas DeMartile #3 W. Anthony Estate #1*** | ***OOGW***

Bertie ON

Licence No:	F015187	**Well Compl:**	26855
Well ID:	27264	**County:**	Welland
Well Compl ID:	26855	**Block:**	
W Class ID:	2362	**Lot:**	9
UWI Code:	F015187	**Conc:**	IIINR
Permit Date:		**Surface Lat NAD83:**	42.93554972
Depth(m):	246.89	**Surface Long NAD83:**	-78.94489583
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93554972
Completion Date:		**Bottom Long NAD83:**	-78.94489583
Depth Reached:	1949-1-28 0:00:00	**Lot Sides (m):**	106.68 N
Capped Date:	1949-2-28 0:00:00	**E/W (m):**	100.58 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1948-12-18 0:00:00	**bottom long27:**	
SPUD Date:	1948-12-18 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	182	**Method:**	Well Records (1921 to 1954)
KB Elev:	182.3	**Parent:**	
TVD:	246.89	**Prod Top:**	144.78
PBTD:		**Prod Bot:**	
TD Form:		**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Di Martile, Thomas	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Gas Show
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well
Well Name:	Thomas DeMartile #3 W. Anthony Estate #1		
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT		

DRAFT FOR DISCUSSION

FORMATIONS INCLUSIVE)

Status Type Desc: A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH GAS HAS BEEN ENCOUNTERED BUT HAS NOT BEEN PROVEN OR JUDGED TO BE PRODUCTIVE

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015187	***Elevation (m):***	71.05
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	71.05 / 111.25
Top (m):	111.25		

License No:	F015187	***Elevation (m):***	10.09
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	10.09 / 172.21
Top (m):	172.21		

License No:	F015187	***Elevation (m):***	-59.1
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-59.1 / 241.4
Top (m):	241.4		

License No:	F015187	***Elevation (m):***	-43.55
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-43.55 / 225.86
Top (m):	225.86		

License No:	F015187	***Elevation (m):***	71.05
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	71.05 / 111.25
Top (m):	111.25		

License No:	F015187	***Elevation (m):***	-25.26
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-25.26 / 207.57
Top (m):	207.57		

License No:	F015187	***Elevation (m):***	-16.73
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-16.73 / 199.03
Top (m):	199.03		

License No:	F015187	***Elevation (m):***	10.09
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	10.09 / 172.21
Top (m):	172.21		

License No:	F015187	***Elevation (m):***	-43.55
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-43.55 / 225.86
Top (m):	225.86		

DRAFT FOR DISCUSSION

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

License No:	F015187	**Elevation (m):**	182
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	182 / 0.3
Top (m):	0.3		

License No:	F015187	**Elevation (m):**	182
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	182 / 0.3
Top (m):	0.3		

License No:	F015187	**Elevation (m):**	167.06
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.06 / 15.24
Top (m):	15.24		

License No:	F015187	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	6.1
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 15.24
Top (m):	15.24		

License No:	F015187	**Elevation (m):**	167.06
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	167.06 / 15.24
Top (m):	15.24		

License No:	F015187	**Elevation (m):**	-25.26
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-25.26 / 207.57
Top (m):	207.57		

License No:	F015187	**Elevation (m):**	-59.1
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-59.1 / 241.4
Top (m):	241.4		

License No:	F015187	**Elevation (m):**	167.06
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	167.06 / 15.24
Top (m):	15.24		

License No:	F015187	**Elevation (m):**	-16.73
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-16.73 / 199.03
Top (m):	199.03		

License No:	F015187	**Elevation (m):**	167.06
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.06 / 15.24
Top (m):	15.24		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	1 of 1	W/129.6	179.9 / 4.00	Manock Gas Syndicate #1 Welland Securities 1 Bertie ON	OOGW

Licence No:	F015278	**Well Compl:**	26953

DRAFT FOR DISCUSSION

Well ID:	27362	**County:**	Welland
Well Compl ID:	26953	**Block:**	
W Class ID:	2362	**Lot:**	10
UWI Code:	F015278	**Conc:**	IIINR
Permit Date:		**Surface Lat NAD83:**	42.939195
Depth(m):	245.06	**Surface Long NAD83:**	-78.94581222
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.939195
Completion Date:		**Bottom Long NAD83:**	-78.94581222
Depth Reached:	1949-9-2 0:00:00	**Lot Sides (m):**	121.92 N
Capped Date:	1954-10-11 0:00:00	**E/W (m):**	106.68 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-8-17 0:00:00	**bottom long27:**	
SPUD Date:	1949-8-17 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	179	**Method:**	Well Records (1921 to 1954)
KB Elev:	179.3	**Parent:**	
TVD:	245.06	**Prod Top:**	198.12
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	251.46
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Manock Gas Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Abandoned Well

Well Name: Manock Gas Syndicate #1 Welland Securities 1

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015278	**Elevation (m):**	-51.43
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.43 / 230.73
Top (m):	230.73		
License No:	F015278	**Elevation (m):**	-57.22
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-57.22 / 236.52
Top (m):	236.52		
License No:	F015278	**Elevation (m):**	132.4
Geology Formation:	C Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	132.4 / 46.9
Top (m):	46.9		
License No:	F015278	**Elevation (m):**	76.9
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	76.9 / 102.4
Top (m):	102.4		
License No:	F015278	**Elevation (m):**	-18.8
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

Source:	MNRF	***Elevatn / Top (m):***	-18.8 / 198.1
Top (m):	198.1		
License No:	F015278	***Elevation (m):***	-64.8
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-64.8 / 244.1
Top (m):	244.1		
License No:	F015278	***Elevation (m):***	179
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	179 / 0.3
Top (m):	0.3		
License No:	F015278	***Elevation (m):***	-30.7
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-30.7 / 210.01
Top (m):	210.01		
License No:	F015278	***Elevation (m):***	167.1
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	167.1 / 12.2
Top (m):	12.2		
License No:	F015278	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	3.66
Type of Water:	Sulphur	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 21.34
Top (m):	21.34		
License No:	F015278	***Elevation (m):***	-64.84
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-64.84 / 244.14
Top (m):	244.14		
License No:	F015278	***Elevation (m):***	9.53
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	9.53 / 169.77
Top (m):	169.77		
License No:	F015278	***Elevation (m):***	-51.4
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-51.4 / 230.7
Top (m):	230.7		
License No:	F015278	***Elevation (m):***	9.5
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	9.5 / 169.8
Top (m):	169.8		
License No:	F015278	***Elevation (m):***	76.89
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	76.89 / 102.41
Top (m):	102.41		
License No:	F015278	***Elevation (m):***	-30.7
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology

DRAFT FOR DISCUSSION

Source:	MNRF	**Elevatn / Top (m):**	-30.7 / 210
Top (m):	210		
License No:	F015278	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	4.57
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 7.62
Top (m):	7.62		
License No:	F015278	**Elevation (m):**	132.4
Geology Formation:	C Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	132.4 / 46.9
Top (m):	46.9		
License No:	F015278	**Elevation (m):**	167.1
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	167.1 / 12.2
Top (m):	12.2		
License No:	F015278	**Elevation (m):**	-18.82
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-18.82 / 198.12
Top (m):	198.12		
License No:	F015278	**Elevation (m):**	167.11
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	167.11 / 12.19
Top (m):	12.19		
License No:	F015278	**Elevation (m):**	167.11
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.11 / 12.19
Top (m):	12.19		
License No:	F015278	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	6.1
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 12.19
Top (m):	12.19		
License No:	F015278	**Elevation (m):**	-57.2
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-57.2 / 236.5
Top (m):	236.5		
License No:	F015278	**Elevation (m):**	n/a
Geology Formation:	E Unit	**Static Level (m):**	1.83
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 42.67
Top (m):	42.67		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	1 of 24	SE/129.6	183.8 / 7.97	METCOR INC. 425 PHIPPS STREET FORT ERIE TOWN ON L2A 2W1	CA

Certificate #:	8-2021-88-
Application Year:	88
Issue Date:	4/26/1988
Approval Type:	Industrial air

DRAFT FOR DISCUSSION

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

Status: Nullity, letter of concurrence issued
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: DUST COLL FOR HEAT TREAT, NITR. & MELONI
Contaminants:
Emission Control: Baghouse (Incl Vent Fil.), Spray Chamber,

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69 | *2 of 24* | ***SE/129.6*** | ***183.8 / 7.97*** | ***METCOR INC.***
425 PHIPPS ST.
FORT ERIE TOWN ON L2A 2W1 | ***CA***

Certificate #: 8-2107-88-
Application Year: 88
Issue Date: 6/20/1988
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: REPLACEMENT STACKS FOR BAGHOUSES & SCRUB
Contaminants: Ammonia, Suspended Particulate Matter, Hydrogen Cyanide
Emission Control: Packed Tower, Baghouse (Incl Vent Fil.),

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69 | *3 of 24* | ***SE/129.6*** | ***183.8 / 7.97*** | ***METCOR INC.***
425 PHIPPS STREET
FORT ERIE TOWN ON L2A 2W1 | ***CA***

Certificate #: 8-2172-91-
Application Year: 91
Issue Date: 3/3/1992
Approval Type: Industrial air
Status: Approved in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INST. NEW SCRUBBER & STACK
Contaminants: Hydrogen Cyanide, Ammonia, Suspended Particulate Matter
Emission Control: Packed Tower,

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69 | *4 of 24* | ***SE/129.6*** | ***183.8 / 7.97*** | ***METCOR INC.***
METCOR INC. PHIPPS STREET FORT ERIE
PLANT 425 PHIPPS STREET
FORT ERIE TOWN ON | ***SPL***

Ref No: 90295
Year:
Incident Dt: 8/20/1993
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/24/1993
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: UNKNOWN
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: METCOR INC.-WATER WITH HIGH PH & AMMONIA AT WEEPING TILES & DITCH
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND / WATER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	5 of 24	SE/129.6	183.8 / 7.97	**Metcor Inc** **425 Phipps St** **Fort Erie ON L2A 2W1**	SCT

Established: 1986
Plant Size (ft²): 30000
Employment:

--Details--
Description: Coating, Engraving, Heat Treating and Allied Activities
SIC/NAICS Code: 332810

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	6 of 24	SE/129.6	183.8 / 7.97	**METCOR INC.** **FORT ERIE PLANT 425 PHIPPS STREET** **FORT ERIE TOWN ON L2A 2W1**	SPL

Ref No: 158723
Year:
Incident Dt: 8/6/1998
Municipality No: 18401
Nature of Damage:
Discharger Report:

DRAFT FOR DISCUSSION

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

Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	8/6/1998	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	FORT ERIE F.D.
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	FORT ERIE TOWN		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Preceding Spill:			
Incident Reason:	CORROSION		
Incident Summary:	METCOR-APPROX. 400L CONC SULFURIC ACID LEAKED ONTO GROUND.		
Environment Impact:	CONFIRMED		
Health Env Consequence:			
Nature of Impact:	Soil contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

69	***7 of 24***	***SE/129.6***	***183.8 / 7.97***	***Metcor Inc.*** ***425 Phipps St*** ***Fort Erie ON L2A 2W1***	***SCT***

Established:	1986
Plant Size (ft²):	
Employment:	28

69	***8 of 24***	***SE/129.6***	***183.8 / 7.97***	***Metcor Inc.*** ***425 Phipps Street Fort Erie Ontario L2A 2W1*** ***Fort Erie*** ***ON***	***EBR***

EBR Registry No:	IA02E0830	***Decision Posted:***	

DRAFT FOR DISCUSSION

Ministry Ref No:	6095-5CALB3	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	July 17, 2003	***Act 2:***	
Proposal Date:	July 23, 2002	***Site Location Map:***	
Year:	2002		

Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Metcor Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 425 Phipps Street, Fort Erie Ontario, L2A 2W1
Comment Period:
URL:
Summary:

Site Location Details:

425 Phipps Street Fort Erie Ontario L2A 2W1 Fort Erie

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	9 of 24	SE/129.6	183.8 / 7.97	GRAHAM (OUT OF BUSINESS) (OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	GEN

Generator Info

Generator No:	ON0702800	***Choice of Contact:***	
Approval Years:	86,87,88,89,90	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3011
Country:			
Co Admin:			
Phone No Admin:			

SIC Description: POWER BOILER, ETC.

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	10 of 24	SE/129.6	183.8 / 7.97	GRAHAM (OUT OF BUSINESS) 18-158 (OUT OF BUSINESS JAN 26/87) 425 PHIPPS ST. FORT ERIE ON L2A 2W1	GEN

DRAFT FOR DISCUSSION

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

Generator Info

Generator No:	ON0702800	***Choice of Contact:***	
Approval Years:	92,93,94,95,96,97,98	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3011
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	POWER BOILER, ETC.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	11 of 24	SE/129.6	183.8 / 7.97	METCOR INC. 425 PHIPPS ST. FORT ERIE ON L2A 2W1	GEN

Generator Info

Generator No:	ON0983200	***Choice of Contact:***	
Approval Years:	86,87	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	0000
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	*** NOT DEFINED ***		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	12 of 24	SE/129.6	183.8 / 7.97	METCOR INC. 425 PHIPPS ST. FORT ERIE ON L2A 2W1	GEN

Generator Info

Generator No:	ON0983200	***Choice of Contact:***	
Approval Years:	88	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3049
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	OTHER STAMPED METAL		

Waste Detail(s)

Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class:	121
Waste Class Name:	ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

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

Waste Detail(s)

DRAFT FOR DISCUSSION

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	13 of 24	SE/129.6	183.8 / 7.97	METCOR INC. 425 PHIPPS ST., P.O.BOX 460 FORT ERIE ON L2A 2W1	GEN

Generator Info

Generator No: ON0983200
Approval Years: 89,90
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: OTHER STAMPED METAL

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 3049

Waste Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	14 of 24	SE/129.6	183.8 / 7.97	METCOR INC. 26-301 425 PHIPPS STREET	GEN

DRAFT FOR DISCUSSION

FORT ERIE ON L2A 2W1

Generator Info

Generator No:	ON0983200	***Choice of Contact:***	
Approval Years:	92,93,94,95,96	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3049
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	OTHER STAMPED METAL		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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69 | ***15 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***METCOR INC***
425 PHIPPS STREET
FORT ERIE ON L2A 2W1 | ***GEN***

Generator Info

Generator No:	ON0983200	***Choice of Contact:***	

DRAFT FOR DISCUSSION

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

Approval Years: 97,98
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: OTHER STAMPED METAL
Contaminated Fac:
MHSW Facility:
SIC Code: 3049

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

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

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69 ***16 of 24*** ***SE/129.6*** ***183.8 / 7.97*** ***METCOR INCORPORATED***
425 PHIPPS STREET
FORT ERIE ON L2A 2W1 ***GEN***

Generator Info

Generator No: ON0983200
Approval Years: 99,00,01,02,03,04,05,06,07,08
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: OTHER STAMPED METAL
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 3049

DRAFT FOR DISCUSSION

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 131
Waste Class Name: NEUTRALIZED WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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69 | ***17 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***425 Phipps Street*** ***Fort Erie ON L2A 2W1*** | ***EHS***

Order No: 20100416030
Status: C
Report Type: Standard Select Report
Report Date: 4/27/2010
Date Received: 4/16/2010
Previous Site Name:
Lot/Building Size: 17.25 acres
Additional Info Ordered:

Nearest Intersection: Duffrin Street and Phipps Street
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -78.931593
Y: 42.930598

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69 | ***18 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***Metcor Inc.*** ***425 Phipps Street*** ***Fort Erie ON L2A 2W1*** | ***CA***

DRAFT FOR DISCUSSION

Certificate #: 8-2107-88-006
Application Year: 2003
Issue Date: 7/16/2003
Approval Type: Air
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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69 ***19 of 24*** ***SE/129.6*** ***183.8 / 7.97*** ***METCOR INCORPORATED*** ***GEN***
425 Phipps Street
Fort Erie ON L2A 2W1

Generator Info

Generator No: ON0983200
Approval Years: 2009
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Miscellaneous Manufacturing

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 339990

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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69 ***20 of 24*** ***SE/129.6*** ***183.8 / 7.97*** ***METCOR INCORPORATED*** ***GEN***
425 Phipps Street
Fort Erie ON L2A 2W1

Generator Info

Generator No: ON0983200
Approval Years: 2010
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Miscellaneous Manufacturing

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 339990

Waste Detail(s)

DRAFT FOR DISCUSSION

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

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69 | ***21 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***425 Phipps St***
Fort Erie ON L2A2W1 | ***EHS***

Order No: 20160527015
Status: C
Report Type: Standard Report
Report Date: 01-JUN-16
Date Received: 27-MAY-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -78.931089
Y: 42.930743

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69 | ***22 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***Metcor Inc.***
425 Phipps Street
Fort Erie ON L2A 2W1 | ***ECA***

Approval No: 8-2107-88-006
Approval Date: 2003-07-16
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Metcor Inc.
Address: 425 Phipps Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6095-5CALB3-14.pdf
PDF Site Location:

MOE District: Niagara
City:
Longitude: -78.93215
Latitude: 42.93036
Geometry X:
Geometry Y:

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69 | ***23 of 24*** | ***SE/129.6*** | ***183.8 / 7.97*** | ***ERI***
425 Phipps Street
Fort Erie ON L2A 2W1 | ***GEN***

Generator Info

Generator No: ON4831307
Approval Years: 2016
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 333299

Waste Detail(s)

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

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	24 of 24	SE/129.6	183.8 / 7.97	PINCHIN LTD 425 PHIPPS ST FORT ERIE ON L2A 2W1	GEN

2018 Generator Info

Gen No:	ON5909256	***Choice of Contact:***	CO_OFFICIAL
ID:	23553	***Phone No Official:***	289-308-6236 Ext.
Contaminated Fac:	N	***Phone No Admin:***	
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	238990	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	PINCHIN LTD		
Gen Div:			
Gen Op Name:	PINCHIN LTD		
Gen Op Div:			
Site Adrs1:	425 PHIPPS ST		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	FORT ERIE		
Province Out:			
Site Postal Code:	L2A 2W1		
Site Country:	Canada		
Co Official:	DAVID MIGNONE		
Co Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
70	1 of 1	E/148.4	179.9 / 4.00	Consumers' 562 Ralph Sider No.2, Welland Securites No.2 Bertie ON	OOGW

Licence No:	F015184	***Well Compl:***	26821
Well ID:	27249	***County:***	Welland
Well Compl ID:	26821	***Block:***	
W Class ID:		***Lot:***	9
UWI Code:	F015184	***Conc:***	INR
Permit Date:		***Surface Lat NAD83:***	42.9375425
Depth(m):	253.59	***Surface Long NAD83:***	-78.926975
Well Pool:	Welland Pool	***Bottom Lat NAD83:***	42.9375425
Completion Date:		***Bottom Long NAD83:***	-78.926975
Depth Reached:	1950-1-1 0:00:00	***Lot Sides (m):***	273.4 N
Capped Date:	1962-11-19 0:00:00	***E/W (m):***	238.4 E
Class ID:		***Latitude Nad27:***	
DB Source:		***Longitude Nad27:***	
Status as of:	August 2024	***bottom lat27:***	
Start Date:	1949-12-17 0:00:00	***bottom long27:***	
SPUD Date:	1949-12-17 0:00:00	***Lateral:***	No
Class:		***Accuracy:***	50.00
Grnd Elev:	180.4	***Method:***	Well Records (1921 to 1954)
KB Elev:	180.7	***Parent:***	
TVD:	253.59	***Prod Top:***	200.25
PBTD:		***Prod Bot:***	
TD Form:	Queenston	***PROPD Depth:***	
Workover D:		***Location Method:***	Well Records (1921 to 1954)
Operator:	The Consumers' Gas Company	***Location Accuracy:***	Within 50 metres
Township:	Bertie	***Dt Obtained:***	
Target:	CLI	***Well Status Type:***	Natural Gas Well
Classification:		***Well Status Mode:***	Abandoned Well
Well Name:	Consumers' 562 Ralph Sider No.2, Welland Securites No.2		

DRAFT FOR DISCUSSION

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015184	***Elevation (m):***	180.4
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	180.4 / 0.3
Top (m):	0.3		

License No:	F015184	***Elevation (m):***	-19.25
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-19.25 / 199.95
Top (m):	199.95		

License No:	F015184	***Elevation (m):***	4.22
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	4.22 / 176.48
Top (m):	176.48		

License No:	F015184	***Elevation (m):***	-55.21
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-55.21 / 235.92
Top (m):	235.92		

License No:	F015184	***Elevation (m):***	180.4
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	180.4 / 0.3
Top (m):	0.3		

License No:	F015184	***Elevation (m):***	-28.39
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-28.39 / 209.09
Top (m):	209.09		

License No:	F015184	***Elevation (m):***	4.22
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	4.22 / 176.48
Top (m):	176.48		

License No:	F015184	***Elevation (m):***	169.73
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	169.73 / 10.97
Top (m):	10.97		

License No:	F015184	***Elevation (m):***	-28.39
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-28.39 / 209.09
Top (m):	209.09		

License No:	F015184	***Elevation (m):***	169.73

DRAFT FOR DISCUSSION

Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.73 / 10.97
Top (m):	10.97		

License No:	F015184	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 28.65
Top (m):	28.65		

License No:	F015184	**Elevation (m):**	-63.75
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-63.75 / 244.45
Top (m):	244.45		

License No:	F015184	**Elevation (m):**	169.73
Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	169.73 / 10.97
Top (m):	10.97		

License No:	F015184	**Elevation (m):**	68.23
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	68.23 / 112.47
Top (m):	112.47		

License No:	F015184	**Elevation (m):**	-63.75
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-63.75 / 244.45
Top (m):	244.45		

License No:	F015184	**Elevation (m):**	-19.25
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-19.25 / 199.95
Top (m):	199.95		

License No:	F015184	**Elevation (m):**	-55.21
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-55.21 / 235.92
Top (m):	235.92		

License No:	F015184	**Elevation (m):**	n/a
Geology Formation:	E Unit	**Static Level (m):**	
Type of Water:	Mineral	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 48.77
Top (m):	48.77		

License No:	F015184	**Elevation (m):**	-49.12
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-49.12 / 229.82
Top (m):	229.82		

License No:	F015184	**Elevation (m):**	-49.12
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-49.12 / 229.82
Top (m):	229.82		

License No:	F015184	**Elevation (m):**	169.73

DRAFT FOR DISCUSSION

Geology Formation:	G Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	169.73 / 10.97
Top (m):	10.97		

License No:	F015184	**Elevation (m):**	68.23
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	68.23 / 112.47
Top (m):	112.47		

71 **1 of 1** **ESE/155.6** **179.9 / 4.00** **Ralph M. Sider No.1 Welland Securites Ltd.No.1** **OOGW**

Bertie ON

Licence No:	F015182	**Well Compl:**	26797
Well ID:	27240	**County:**	Welland
Well Compl ID:	26797	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015182	**Conc:**	INR
Permit Date:		**Surface Lat NAD83:**	42.93745194
Depth(m):	211.23	**Surface Long NAD83:**	-78.92765083
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93745194
Completion Date:		**Bottom Long NAD83:**	-78.92765083
Depth Reached:	1949-12-19 0:00:00	**Lot Sides (m):**	121.92 S
Capped Date:	1951-8-8 0:00:00	**E/W (m):**	182.88 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1949-12-3 0:00:00	**bottom long27:**	
SPUD Date:	1949-12-3 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	180.5	**Method:**	Well Records (1921 to 1954)
KB Elev:	180.8	**Parent:**	
TVD:	211.23	**Prod Top:**	
PBTD:		**Prod Bot:**	
TD Form:	Grimsby	**PROPD Depth:**	213.36
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name: Ralph M. Sider No.1 Welland Securites Ltd.No.1

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR

Status Mode Desc: A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED

Classification Desc:

Cement Rec:

Comments: Accuracy is approximate and not verified.

Details

License No:	F015182	**Elevation (m):**	180.5
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	180.5 / 0.3
Top (m):	0.3		

License No:	F015182	**Elevation (m):**	-18.23
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-18.23 / 199.03
Top (m):	199.03		

DRAFT FOR DISCUSSION

License No:	F015182	***Elevation (m):***	12.25
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	12.25 / 168.55
Top (m):	168.55		

License No:	F015182	***Elevation (m):***	163.12
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	163.12 / 17.68
Top (m):	17.68		

License No:	F015182	***Elevation (m):***	-27.99
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-27.99 / 208.79
Top (m):	208.79		

License No:	F015182	***Elevation (m):***	64.98
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	64.98 / 115.82
Top (m):	115.82		

License No:	F015182	***Elevation (m):***	163.12
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	163.12 / 17.68
Top (m):	17.68		

License No:	F015182	***Elevation (m):***	64.98
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	64.98 / 115.82
Top (m):	115.82		

License No:	F015182	***Elevation (m):***	163.12
Geology Formation:	Top of Bedrock	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	163.12 / 17.68
Top (m):	17.68		

License No:	F015182	***Elevation (m):***	180.5
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	180.5 / 0.3
Top (m):	0.3		

License No:	F015182	***Elevation (m):***	-27.99
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-27.99 / 208.79
Top (m):	208.79		

License No:	F015182	***Elevation (m):***	163.12
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	163.12 / 17.68
Top (m):	17.68		

License No:	F015182	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	
Type of Water:	Sulphur	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 48.77
Top (m):	48.77		

DRAFT FOR DISCUSSION

License No:	F015182	**Elevation (m):**	12.25
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	12.25 / 168.55
Top (m):	168.55		

License No:	F015182	**Elevation (m):**	-18.23
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-18.23 / 199.03
Top (m):	199.03		

License No:	F015182	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 28.96
Top (m):	28.96		

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72 **1 of 1** **WSW/157.2** **182.9 / 7.03** **2261 THOMPSON RD. lot 9 con 3 Fort Erie ON** **WWIS**

Well ID:	7124750	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Quality	**Date Received:**	06/29/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z94563	**Contractor:**	7294
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	009
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	NRF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7124750.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/17/2009
Year Completed:	2009
Depth (m):	
Latitude:	42.9352962070422
Longitude:	-78.945171131315
X:	-78.94517098241295
Y:	42.93529620275335
Path:	712\7124750.pdf

Bore Hole Information

Bore Hole ID:	1002496332	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667664.00
Code OB Desc:		**North83:**	4755678.00

DRAFT FOR DISCUSSION

Open Hole:
Cluster Kind:
Date Completed: 06/17/2009
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002620821
Layer: 1
Plug From: 0.8999999761581421
Plug To: 2.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002620822
Layer: 2
Plug From: 2.0
Plug To: 10.680000305175781
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002620827
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1002620818
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002620824
Layer: 1
Material:
Open Hole or Material:
Depth From: 2.0
Depth To: 10.680000305175781
Casing Diameter: 15.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002620825
Layer:

DRAFT FOR DISCUSSION

Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1002620823
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002620820
Diameter: 15.0
Depth From: 0.0
Depth To: 10.680000305175781
Hole Depth UOM: m
Hole Diameter UOM: cm

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73 ***1 of 1*** ***SE/163.7*** ***183.9 / 8.04*** ***425 PHIPPS STREET Fort Erie ON*** ***WWIS***

Well ID: 7331182
Construction Date:
Use 1st: Test Hole
Use 2nd: Monitoring
Final Well Status: 0
Water Type:
Casing Material:
Audit No: Z281797
Tag: A254750
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 11/01/2018
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7331182.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/04/2018
Year Completed: 2018
Depth (m): 4.572
Latitude: 42.9306738936066
Longitude: -78.9305216328148
X: -78.93052148458003
Y: 42.93067388932984
Path: 733\7331182.pdf

DRAFT FOR DISCUSSION

Bore Hole Information

Bore Hole ID:	1007357703	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	668872.00
Code OB Desc:		***North83:***	4755194.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	09/04/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007526598
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007526597
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007526608
Layer:	3
Plug From:	4.0
Plug To:	15.0
Plug Depth UOM:	ft

DRAFT FOR DISCUSSION

Annular Space/Abandonment Sealing Record

Plug ID:	1007526606
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007526607
Layer:	2
Plug From:	1.0
Plug To:	4.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007526605
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1007526596
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007526601
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	5.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007526602
Layer:	1
Slot:	10
Screen Top Depth:	5.0
Screen End Depth:	15.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Water Details

DRAFT FOR DISCUSSION

Water ID: 1007526600
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007526599
Diameter: 4.0
Depth From: 0.0
Depth To: 15.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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74 | ***1 of 1*** | ***NW/166.0*** | ***176.9 / 1.00*** | ***lot 5 ON*** | ***WWIS***

Well ID: 6600035
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/15/1957
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5425
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 005
Concession:
Concession Name: GI U
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600035.pdf

Additional Detail(s) (Map)

Well Completed Date: 02/26/1957
Year Completed: 1957
Depth (m): 17.6784
Latitude: 42.9474419019353
Longitude: -78.9465799248597
X: -78.94657977647812
Y: 42.947441897444385
Path: 660\6600035.pdf

Bore Hole Information

Bore Hole ID: 10459769
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 17
East83: 667516.10
North83: 4757024.00
Org CS:
UTMRC: 9

DRAFT FOR DISCUSSION

Date Completed: 02/26/1957 ***UTMRC Desc:*** unknown UTM
Remarks: ***Location Method:*** p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932587843
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587844
Layer: 4
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 26.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932587845
Layer: 5
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock

DRAFT FOR DISCUSSION

Materials Interval

Formation ID:	932587841
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932587842
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966600035
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11008339
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930746530
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	56.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

DRAFT FOR DISCUSSION

Casing ID:	930746531
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996600035
Pump Set At:	
Static Level:	16.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	
Pumping Rate:	12.0
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:	933947260
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

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75 ***1 of 1*** ***SE/168.4*** ***183.9 / 8.02*** ***425 PHIPPS STREET FORT ERIE ON*** ***WWIS***

Well ID:	7324025	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Test Hole	***Data Entry Status:***	
Use 2nd:	Monitoring	***Data Src:***	
Final Well Status:	0	***Date Received:***	11/01/2018
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z284654	***Contractor:***	7241
Tag:	A254749	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

DRAFT FOR DISCUSSION

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7324025.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/04/2018
Year Completed: 2018
Depth (m): 4.572
Latitude: 42.9305062288168
Longitude: -78.9307110628646
X: -78.93071091407433
Y: 42.93050622468154
Path: 732\7324025.pdf

Bore Hole Information

Bore Hole ID: 1007321170
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/04/2018
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 668857.00
North83: 4755175.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007598771
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3: 27
Material 3 Desc: OTHER
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007598770
Layer: 1
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:

DRAFT FOR DISCUSSION

Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007598779
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007598781
Layer: 3
Plug From: 4.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007598780
Layer: 2
Plug From: 1.0
Plug To: 4.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007598778
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007598769
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007598774
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 5.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

DRAFT FOR DISCUSSION

Screen ID: 1007598775
Layer: 1
Slot: 10
Screen Top Depth: 5.0
Screen End Depth: 15.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.25

Water Details

Water ID: 1007598773
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007598772
Diameter: 4.0
Depth From: 0.0
Depth To: 15.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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76 **1 of 1** **WSW/173.3** **183.3 / 7.45** **2261 THOMPSON RD. lot 9 con 3 Fort Erie ON** **WWIS**

Well ID: 7124749
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z94564
Tag: A075934
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 06/29/2009
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7294
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot: 009
Concession: 03
Concession Name: NRF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7124749.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/17/2009
Year Completed: 2009
Depth (m): 12.19
Latitude: 42.9352455096882
Longitude: -78.9453566461858
X: -78.94535649704079

DRAFT FOR DISCUSSION

Y: 42.93524550567518
Path: 712\7124749.pdf

Bore Hole Information

Bore Hole ID: 1002496329
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/17/2009
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 667649.00
North83: 4755672.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002620780
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 11.579999923706055
Formation End Depth: 12.1899995803833
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002620778
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002620779
Layer: 2
Color: 6

DRAFT FOR DISCUSSION

General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	71
Material 3 Desc:	FRACTURED
Formation Top Depth:	6.0
Formation End Depth:	11.579999923706055
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002620782
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002620814
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1002620776
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002620784
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	11.579999923706055
Casing Diameter:	15.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1002620785
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	11.579999923706055
Depth To:	12.1899995803833
Casing Diameter:	15.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

DRAFT FOR DISCUSSION

Screen ID: 1002620786
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1002620777
Pump Set At: 11.0
Static Level: 7.400000095367432
Final Level After Pumping: 7.860000133514404
Recommended Pump Depth: 11.0
Pumping Rate: 56.779998779296875
Flowing Rate:
Recommended Pump Rate: 56.779998779296875
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1002620787
Test Type: Draw Down
Test Duration: 1
Test Level: 7.829999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620799
Test Type: Draw Down
Test Duration: 15
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620803
Test Type: Draw Down
Test Duration: 25
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620806
Test Type: Recovery
Test Duration: 30
Test Level: 7.400000095367432
Test Level UOM: m

DRAFT FOR DISCUSSION

Draw Down & Recovery

Pump Test Detail ID: 1002620808
Test Type: Recovery
Test Duration: 40
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620788
Test Type: Recovery
Test Duration: 1
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620811
Test Type: Draw Down
Test Duration: 60
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620791
Test Type: Draw Down
Test Duration: 3
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620805
Test Type: Draw Down
Test Duration: 30
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620809
Test Type: Draw Down
Test Duration: 50
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620810
Test Type: Recovery
Test Duration: 50
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620789

DRAFT FOR DISCUSSION

Test Type: Draw Down
Test Duration: 2
Test Level: 7.829999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620793
Test Type: Draw Down
Test Duration: 4
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620796
Test Type: Recovery
Test Duration: 5
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620798
Test Type: Recovery
Test Duration: 10
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620800
Test Type: Recovery
Test Duration: 15
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620790
Test Type: Recovery
Test Duration: 2
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620795
Test Type: Draw Down
Test Duration: 5
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620797
Test Type: Draw Down
Test Duration: 10
Test Level: 7.860000133514404
Test Level UOM: m

DRAFT FOR DISCUSSION

Draw Down & Recovery

Pump Test Detail ID: 1002620801
Test Type: Draw Down
Test Duration: 20
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620807
Test Type: Draw Down
Test Duration: 40
Test Level: 7.860000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620792
Test Type: Recovery
Test Duration: 3
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620802
Test Type: Recovery
Test Duration: 20
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620794
Test Type: Recovery
Test Duration: 4
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620804
Test Type: Recovery
Test Duration: 25
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002620812
Test Type: Recovery
Test Duration: 60
Test Level: 7.400000095367432
Test Level UOM: m

Water Details

DRAFT FOR DISCUSSION

Water ID:	1002620783
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	11.579999923706055
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002620781
Diameter:	15.0
Depth From:	0.0
Depth To:	12.1899995803833
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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77 **1 of 1** **E/197.2** **179.0 / 3.12** **R.M. Sider No.3, Welland Securities No. 3** **OOGW**

Bertie ON

Licence No:	F015104	**Well Compl:**	26829
Well ID:	27152	**County:**	Welland
Well Compl ID:	26829	**Block:**	
W Class ID:		**Lot:**	9
UWI Code:	F015104	**Conc:**	INR
Permit Date:		**Surface Lat NAD83:**	42.93782583
Depth(m):	256.34	**Surface Long NAD83:**	-78.92479694
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.93782583
Completion Date:		**Bottom Long NAD83:**	-78.92479694
Depth Reached:	1950-5-2 0:00:00	**Lot Sides (m):**	424 N
Capped Date:	1963-9-23 0:00:00	**E/W (m):**	306 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1950-3-21 0:00:00	**bottom long27:**	
SPUD Date:	1950-3-21 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	176.48	**Method:**	Well Records (1921 to 1954)
KB Elev:	176.78	**Parent:**	
TVD:	256.34	**Prod Top:**	202.08
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Sider, R.M.	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name:	R.M. Sider No.3, Welland Securities No. 3
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc:	A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED
Classification Desc:	
Cement Rec:	
Comments:	Accuracy is approximate and not verified.

Details

License No:	F015104	**Elevation (m):**	-60.05
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-60.05 / 236.83
Top (m):	236.83		

DRAFT FOR DISCUSSION

License No:	F015104	***Elevation (m):***	167.64
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	167.64 / 9.14
Top (m):	9.14		

License No:	F015104	***Elevation (m):***	-22.86
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-22.86 / 199.64
Top (m):	199.64		

License No:	F015104	***Elevation (m):***	0.3
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	0.3 / 176.48
Top (m):	176.48		

License No:	F015104	***Elevation (m):***	-53.95
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-53.95 / 230.73
Top (m):	230.73		

License No:	F015104	***Elevation (m):***	176.48
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	176.48 / 0.3
Top (m):	0.3		

License No:	F015104	***Elevation (m):***	167.64
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	167.64 / 9.14
Top (m):	9.14		

License No:	F015104	***Elevation (m):***	-32.62
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-32.62 / 209.4
Top (m):	209.4		

License No:	F015104	***Elevation (m):***	66.14
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	66.14 / 110.64
Top (m):	110.64		

License No:	F015104	***Elevation (m):***	-68.89
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-68.89 / 245.67
Top (m):	245.67		

License No:	F015104	***Elevation (m):***	-60.05
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-60.05 / 236.83
Top (m):	236.83		

License No:	F015104	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	
Type of Water:	Sulphur	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 39.01
Top (m):	39.01		

DRAFT FOR DISCUSSION

License No:	F015104	**Elevation (m):**	-53.95
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-53.95 / 230.73
Top (m):	230.73		

License No:	F015104	**Elevation (m):**	167.64
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	167.64 / 9.14
Top (m):	9.14		

License No:	F015104	**Elevation (m):**	-68.89
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-68.89 / 245.67
Top (m):	245.67		

License No:	F015104	**Elevation (m):**	0.3
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	0.3 / 176.48
Top (m):	176.48		

License No:	F015104	**Elevation (m):**	-32.62
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-32.62 / 209.4
Top (m):	209.4		

License No:	F015104	**Elevation (m):**	66.14
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	66.14 / 110.64
Top (m):	110.64		

License No:	F015104	**Elevation (m):**	-22.86
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-22.86 / 199.64
Top (m):	199.64		

License No:	F015104	**Elevation (m):**	167.64
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	167.64 / 9.14
Top (m):	9.14		

License No:	F015104	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	6.4
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 18.29
Top (m):	18.29		

License No:	F015104	**Elevation (m):**	176.48
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	176.48 / 0.3
Top (m):	0.3		

78	1 of 1	WNW/217.5	178.8 / 2.94	lot 5 ON	WWIS

Well ID:	6604267	**Flowing (Y/N):**	

DRAFT FOR DISCUSSION

Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08/08/1997
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	184233	**Contractor:**	4795
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	GI U
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6604267.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/25/1997
Year Completed: 1997
Depth (m): 17.6784
Latitude: 42.9454346786268
Longitude: -78.9471283785562
X: -78.94712823029074
Y: 42.945434674703186
Path: 660\6604267.pdf

Bore Hole Information

Bore Hole ID:	10463864	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	667476.80
Code OB Desc:		**North83:**	4756800.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	06/25/1997	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot

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

Overburden and Bedrock Materials Interval

Formation ID: 932601962
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED

DRAFT FOR DISCUSSION

Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601963
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 29
Material 2 Desc: FINE GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 3.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601964
Layer: 3
Color: 2
General Color: GREY
Material 1: 31
Material 1 Desc: COARSE GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 28.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601965
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604267
Method Construction Code: 1

DRAFT FOR DISCUSSION

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012434
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753516
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753517
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 58.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996604267
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 16.0
Recommended Pump Depth: 25.0
Pumping Rate: 28.0
Flowing Rate:
Recommended Pump Rate: 0.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934612416
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

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Draw Down & Recovery

Pump Test Detail ID:	934866186
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935122185
Test Type:	Recovery
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934344642
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933951638
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

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79 ***1 of 1*** ***W/234.9*** ***178.9 / 3.00*** ***Manock Gas Syndicate #5-Tp of Bertie #1*** ***OOGW***

Bertie ON

Licence No:	F015284	***Well Compl:***	26959
Well ID:	27368	***County:***	Welland
Well Compl ID:	26959	***Block:***	
W Class ID:	2362	***Lot:***	10
UWI Code:	F015284	***Conc:***	IIINR
Permit Date:		***Surface Lat NAD83:***	42.93828222
Depth(m):	239.88	***Surface Long NAD83:***	-78.94707194
Well Pool:	Welland Pool	***Bottom Lat NAD83:***	42.93828222
Completion Date:		***Bottom Long NAD83:***	-78.94707194
Depth Reached:	1950-2-18 0:00:00	***Lot Sides (m):***	21 N
Capped Date:		***E/W (m):***	213.36 W
Class ID:		***Latitude Nad27:***	
DB Source:		***Longitude Nad27:***	
Status as of:	August 2024	***bottom lat27:***	
Start Date:	1950-1-25 0:00:00	***bottom long27:***	
SPUD Date:	1950-1-25 0:00:00	***Lateral:***	No
Class:	DEV	***Accuracy:***	50.00
Grnd Elev:	178	***Method:***	Well Records (1921 to 1954)
KB Elev:	178.3	***Parent:***	
TVD:	239.88	***Prod Top:***	193.55
PBTD:		***Prod Bot:***	
TD Form:	Queenston	***PROPD Depth:***	
Workover D:		***Location Method:***	Well Records (1921 to 1954)
Operator:	Manock Gas Syndicate	***Location Accuracy:***	Within 50 metres
Township:	Bertie	***Dt Obtained:***	

DRAFT FOR DISCUSSION

Target:	CLI	**Well Status Type:**	Natural Gas Well
Classification:	DEVELOPMENT	**Well Status Mode:**	Unknown
Well Name:	Manock Gas Syndicate #5-Tp of Bertie #1		
Target Desc:	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)		
Status Type Desc:	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR		
Status Mode Desc:	A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS		
Classification Desc:	"DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED		
Cement Rec:			
Comments:	Accuracy is approximate and not verified.		

Details

License No:	F015284	**Elevation (m):**	-22.56
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-22.56 / 200.86
Top (m):	200.86		

License No:	F015284	**Elevation (m):**	160.3
Geology Formation:	Salina Group	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	160.3 / 18
Top (m):	18		

License No:	F015284	**Elevation (m):**	9.45
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	9.45 / 168.86
Top (m):	168.86		

License No:	F015284	**Elevation (m):**	160.3
Geology Formation:	Salina Group	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	160.3 / 18
Top (m):	18		

License No:	F015284	**Elevation (m):**	-51.82
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-51.82 / 230.12
Top (m):	230.12		

License No:	F015284	**Elevation (m):**	9.45
Geology Formation:	Rochester	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	9.45 / 168.86
Top (m):	168.86		

License No:	F015284	**Elevation (m):**	-51.82
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-51.82 / 230.12
Top (m):	230.12		

License No:	F015284	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	5.79
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 12.8
Top (m):	12.8		

License No:	F015284	**Elevation (m):**	160.32
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

Source:	FORM 7	**Elevatn / Top (m):**	160.32 / 17.98
Top (m):	17.98		
License No:	F015284	**Elevation (m):**	-45.42
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-45.42 / 223.72
Top (m):	223.72		
License No:	F015284	**Elevation (m):**	160.32
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	160.32 / 17.98
Top (m):	17.98		
License No:	F015284	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		
License No:	F015284	**Elevation (m):**	160.3
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	160.3 / 18
Top (m):	18		
License No:	F015284	**Elevation (m):**	n/a
Geology Formation:	F Unit	**Static Level (m):**	5.49
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 20.73
Top (m):	20.73		
License No:	F015284	**Elevation (m):**	-45.42
Geology Formation:	Cabot Head	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-45.42 / 223.72
Top (m):	223.72		
License No:	F015284	**Elevation (m):**	-15.24
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-15.24 / 193.55
Top (m):	193.55		
License No:	F015284	**Elevation (m):**	-60.05
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-60.05 / 238.35
Top (m):	238.35		
License No:	F015284	**Elevation (m):**	n/a
Geology Formation:	C Unit	**Static Level (m):**	4.88
Type of Water:	Sulphur	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 68.58
Top (m):	68.58		
License No:	F015284	**Elevation (m):**	71.93
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	71.93 / 106.38
Top (m):	106.38		
License No:	F015284	**Elevation (m):**	178
Geology Formation:	Drift	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology

DRAFT FOR DISCUSSION

Source:	MNRF	**Elevatn / Top (m):**	178 / 0.3
Top (m):	0.3		
License No:	F015284	**Elevation (m):**	-22.56
Geology Formation:	Grimsby	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-22.56 / 200.86
Top (m):	200.86		
License No:	F015284	**Elevation (m):**	71.93
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	71.93 / 106.38
Top (m):	106.38		
License No:	F015284	**Elevation (m):**	-15.24
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-15.24 / 193.55
Top (m):	193.55		
License No:	F015284	**Elevation (m):**	-60.05
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-60.05 / 238.35
Top (m):	238.35		

80 | **1 of 1** | **WNW/235.3** | **178.4 / 2.57** | **Manock Gas Syndicate.** | **OOGW**

Bertie ON

Licence No:	F015363	**Well Compl:**	27088
Well ID:	27456	**County:**	Welland
Well Compl ID:	27088	**Block:**	
W Class ID:	2362	**Lot:**	5
UWI Code:	F015363	**Conc:**	FCC
Permit Date:		**Surface Lat NAD83:**	42.94179083
Depth(m):	243.84	**Surface Long NAD83:**	-78.9471975
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.94179083
Completion Date:		**Bottom Long NAD83:**	-78.9471975
Depth Reached:	1950-1-25 0:00:00	**Lot Sides (m):**	15.24 N
Capped Date:		**E/W (m):**	213.36 W
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1950-1-25 0:00:00	**bottom long27:**	
SPUD Date:	1950-1-25 0:00:00	**Lateral:**	No
Class:	DEV	**Accuracy:**	50.00
Grnd Elev:	177	**Method:**	Well Records (1921 to 1954)
KB Elev:	175.31	**Parent:**	
TVD:	243.84	**Prod Top:**	
PBTD:		**Prod Bot:**	
TD Form:	Queenston	**PROPD Depth:**	243.84
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Manock Gas Syndicate	**Location Accuracy:**	Within 50 metres
Township:	Bertie	**Dt Obtained:**	
Target:	CLI	**Well Status Type:**	Location
Classification:	DEVELOPMENT	**Well Status Mode:**	Unknown

Well Name: Manock Gas Syndicate.

Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)

Status Type Desc: A LOCATION FOR WHICH MINISTRY RECORDS INDICATE A WELL HAS BEEN DRILLED BUT FOR WHICH NO STATUS INFORMATION IS AVAILABLE

Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS

Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR

DRAFT FOR DISCUSSION

EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED

Cement Rec:
Comments: Accuracy is approximate and not verified.

---

81 | ***1 of 1*** | ***W/235.4*** | ***178.9 / 3.00*** | ***Manock Gas Syndicate #6-Township of Bertie #2*** | ***OOGW***

Bertie ON

Licence No:	F015283	***Well Compl:***	26957
Well ID:	27367	***County:***	Welland
Well Compl ID:	26957	***Block:***	
W Class ID:	2362	***Lot:***	10
UWI Code:	F015283	***Conc:***	IIINR
Permit Date:		***Surface Lat NAD83:***	42.94066583
Depth(m):	238.96	***Surface Long NAD83:***	-78.94716028
Well Pool:	Welland Pool	***Bottom Lat NAD83:***	42.94066583
Completion Date:		***Bottom Long NAD83:***	-78.94716028
Depth Reached:	1950-3-18 0:00:00	***Lot Sides (m):***	289.56 N
Capped Date:		***E/W (m):***	213.36 W
Class ID:		***Latitude Nad27:***	
DB Source:		***Longitude Nad27:***	
Status as of:	August 2024	***bottom lat27:***	
Start Date:	1950-2-27 0:00:00	***bottom long27:***	
SPUD Date:	1950-2-27 0:00:00	***Lateral:***	No
Class:	DEV	***Accuracy:***	50.00
Grnd Elev:	177	***Method:***	Well Records (1921 to 1954)
KB Elev:	177.31	***Parent:***	
TVD:	238.96	***Prod Top:***	194.16
PBTD:		***Prod Bot:***	
TD Form:	Queenston	***PROPD Depth:***	243.84
Workover D:		***Location Method:***	Well Records (1921 to 1954)
Operator:	Manock Gas Syndicate	***Location Accuracy:***	Within 50 metres
Township:	Bertie	***Dt Obtained:***	
Target:	CLI	***Well Status Type:***	Natural Gas Well
Classification:	DEVELOPMENT	***Well Status Mode:***	Unknown

Well Name: Manock Gas Syndicate #6-Township of Bertie #2
Target Desc: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)
Status Type Desc: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR
Status Mode Desc: A WELL FOR WHICH THERE IS NO AVAILABLE INFORMATION ON MODE IN MINISTRY RECORDS
Classification Desc: "DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED
Cement Rec:
Comments: Accuracy is approximate and not verified.

Details

License No:	F015283	***Elevation (m):***	-22.95
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-22.95 / 200.25
Top (m):	200.25		
License No:	F015283	***Elevation (m):***	-60.44
Geology Formation:	Queenston	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-60.44 / 237.74
Top (m):	237.74		
License No:	F015283	***Elevation (m):***	8.75
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	8.75 / 168.55
Top (m):	168.55		

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License No:	F015283	***Elevation (m):***	159.01
Geology Formation:	F Unit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	159.01 / 18.3
Top (m):	18.3		

License No:	F015283	***Elevation (m):***	8.71
Geology Formation:	Rochester	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	8.71 / 168.6
Top (m):	168.6		

License No:	F015283	***Elevation (m):***	159.01
Geology Formation:	Salina Group	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	159.01 / 18.3
Top (m):	18.3		

License No:	F015283	***Elevation (m):***	70.93
Geology Formation:	Guelph	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	70.93 / 106.38
Top (m):	106.38		

License No:	F015283	***Elevation (m):***	-22.99
Geology Formation:	Grimsby	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-22.99 / 200.3
Top (m):	200.3		

License No:	F015283	***Elevation (m):***	177
Geology Formation:	Drift	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	177 / 0.3
Top (m):	0.3		

License No:	F015283	***Elevation (m):***	-15.94
Geology Formation:	Irondequoit	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-15.94 / 193.24
Top (m):	193.24		

License No:	F015283	***Elevation (m):***	-45.79
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-45.79 / 223.1
Top (m):	223.1		

License No:	F015283	***Elevation (m):***	n/a
Geology Formation:	F Unit	***Static Level (m):***	5.49
Type of Water:	Sulphur	***Geology/Water:***	Water
Source:	n/a	***Elevatn / Top (m):***	n/a / 21.34
Top (m):	21.34		

License No:	F015283	***Elevation (m):***	-52.19
Geology Formation:	Whirlpool	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	MNRF	***Elevatn / Top (m):***	-52.19 / 229.5
Top (m):	229.5		

License No:	F015283	***Elevation (m):***	-45.81
Geology Formation:	Cabot Head	***Static Level (m):***	n/a
Type of Water:	n/a	***Geology/Water:***	Geology
Source:	FORM 7	***Elevatn / Top (m):***	-45.81 / 223.11
Top (m):	223.11		

DRAFT FOR DISCUSSION

License No:	F015283	**Elevation (m):**	-15.89
Geology Formation:	Irondequoit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-15.89 / 193.2
Top (m):	193.2		

License No:	F015283	**Elevation (m):**	-60.39
Geology Formation:	Queenston	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	-60.39 / 237.7
Top (m):	237.7		

License No:	F015283	**Elevation (m):**	159.02
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	159.02 / 18.29
Top (m):	18.29		

License No:	F015283	**Elevation (m):**	n/a
Geology Formation:	C Unit	**Static Level (m):**	6.1
Type of Water:		**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 68.58
Top (m):	68.58		

License No:	F015283	**Elevation (m):**	-52.21
Geology Formation:	Whirlpool	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	-52.21 / 229.51
Top (m):	229.51		

License No:	F015283	**Elevation (m):**	159.01
Geology Formation:	F Unit	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	159.01 / 18.3
Top (m):	18.3		

License No:	F015283	**Elevation (m):**	159.02
Geology Formation:	Top of Bedrock	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	FORM 7	**Elevatn / Top (m):**	159.02 / 18.29
Top (m):	18.29		

License No:	F015283	**Elevation (m):**	70.91
Geology Formation:	Guelph	**Static Level (m):**	n/a
Type of Water:	n/a	**Geology/Water:**	Geology
Source:	MNRF	**Elevatn / Top (m):**	70.91 / 106.4
Top (m):	106.4		

License No:	F015283	**Elevation (m):**	n/a
Geology Formation:	Drift	**Static Level (m):**	5.79
Type of Water:	Fresh	**Geology/Water:**	Water
Source:	n/a	**Elevatn / Top (m):**	n/a / 12.8
Top (m):	12.8		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
82	1 of 1	SE/236.1	184.9 / 9.00	14 CROOKS ST. FORT ERIE ON	WWIS

Well ID:	7311981	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	06/05/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	

DRAFT FOR DISCUSSION

Audit No:	Z281391	**Contractor:**	7320
Tag:	A242711	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7311981.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/20/2018
Year Completed:	2018
Depth (m):	5.1816
Latitude:	42.930282630683
Longitude:	-78.9297994828595
X:	-78.92979933457492
Y:	42.93028262676787
Path:	731\7311981.pdf

Bore Hole Information

Bore Hole ID:	1007082108	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	668932.00
Code OB Desc:		**North83:**	4755152.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	03/20/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007170272
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

DRAFT FOR DISCUSSION

Overburden and Bedrock Materials Interval

Formation ID:	1007170274
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	06
Material 1 Desc:	SILT
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007170273
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007170284
Layer:	3
Plug From:	6.0
Plug To:	17.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007170283
Layer:	2
Plug From:	1.0
Plug To:	6.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007170282
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

DRAFT FOR DISCUSSION

Method of Construction & Well Use

Method Construction ID: 1007170281
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007170271
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007170277
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 7.0
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007170278
Layer: 1
Slot: 010
Screen Top Depth: 7.0
Screen End Depth: 17.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.25

Water Details

Water ID: 1007170276
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007170275
Diameter: 3.25
Depth From: 0.0
Depth To: 17.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

83	1 of 12	S/241.1	185.9 / 10.00	177 Dunlop Street Fort Erie ON	EHS

Order No: 20120123004 ***Nearest Intersection:***

DRAFT FOR DISCUSSION

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

Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	1/27/2012 9:18:35 AM	**Search Radius (km):**	0.25
Date Received:	1/23/2012 9:17:49 AM	**X:**	-78.934183
Previous Site Name:		**Y:**	42.928415
Lot/Building Size:			
Additional Info Ordered:			

83	2 of 12	S/241.1	185.9 / 10.00	**Attar Metals** **177 Dunlop Street** **Fort Erie ON L2A 6G2**	GEN

Generator Info

Generator No:	ON5194267	**Choice of Contact:**	
Approval Years:	2010	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	418110
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Recyclable Metal Wholesaler-Distributors		

Waste Detail(s)

Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES

83	3 of 12	S/241.1	185.9 / 10.00	**Attar Metals** **177 Dunlop Street** **Fort Erie ON L2A 6G2**	GEN

Generator Info

Generator No:	ON5194267	**Choice of Contact:**	
Approval Years:	2011	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	418110
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Recyclable Metal Wholesaler-Distributors		

Waste Detail(s)

Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES

83	4 of 12	S/241.1	185.9 / 10.00	**Attar Metals** **177 Dunlop Street** **Fort Erie ON L2A 6G2**	GEN

Generator Info

Generator No:	ON5194267	**Choice of Contact:**	

DRAFT FOR DISCUSSION

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

Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Recyclable Metal Wholesaler-Distributors
Contaminated Fac:
MHSW Facility:
SIC Code: 418110

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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83 ***5 of 12*** ***S/241.1*** ***185.9 / 10.00*** ***Attar Metals*** ***GEN***
177 Dunlop Street
Fort Erie ON

Generator Info

Generator No: ON5194267
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: RECYCLABLE METAL WHOLESALER-DISTRIBUTORS
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 418110

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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83 ***6 of 12*** ***S/241.1*** ***185.9 / 10.00*** ***Attar Metals*** ***GEN***
177 Dunlop Street
Fort Erie ON L2A 6G2

Generator Info

Generator No: ON5194267
Approval Years: 2015
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: RECYCLABLE METAL WHOLESALER-DISTRIBUTORS
Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 418110

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

DRAFT FOR DISCUSSION

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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83 | ***7 of 12*** | ***S/241.1*** | ***185.9 / 10.00*** | ***Attar Metals***
177 Dunlop Street
Fort Erie ON L2A 6G2 | ***GEN***

Generator Info

Generator No:	ON5194267	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2016	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	418110
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:	RECYCLABLE METAL WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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83 | ***8 of 12*** | ***S/241.1*** | ***185.9 / 10.00*** | ***Attar Metals***
177 Dunlop Street
Fort Erie ON L2A 6G2 | ***GEN***

Generator Info

Generator No:	ON5194267	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	418110
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:	RECYCLABLE METAL WHOLESALER-DISTRIBUTORS		

DRAFT FOR DISCUSSION

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

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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83 | ***9 of 12*** | ***S/241.1*** | ***185.9 / 10.00*** | ***Attar Metals Fort Erie***
177 Dunlop Street
Fort Erie ON L2A 6G2 | ***GEN***

Generator Info

Generator No: ON5194267
Approval Years: As of Dec 2018
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

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

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83 | ***10 of 12*** | ***S/241.1*** | ***185.9 / 10.00*** | ***177 Dunlop Street***
Fort Erie ON | ***EHS***

Order No: 20170512107
Status: C
Report Type: Standard Report
Report Date: 19-MAY-17
Date Received: 12-MAY-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -78.9304
Y: 42.9268

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
83	11 of 12	S/241.1	185.9 / 10.00	Attar Metals Fort Erie 177 Dunlop Street Fort Erie ON L2A 6G2	GEN

Generator Info

Generator No:	ON5194267	***Choice of Contact:***	
Approval Years:	As of Jul 2020	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	251 L
Waste Class Name:	Waste oils/sludges (petroleum based)

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
83	12 of 12	S/241.1	185.9 / 10.00	Attar Metals Fort Erie 177 Dunlop Street Fort Erie ON L2A 6G2	GEN

Generator Info

Generator No:	ON5194267	***Choice of Contact:***	
Approval Years:	As of Nov 2021	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	251 L
Waste Class Name:	Waste oils/sludges (petroleum based)

Waste Detail(s)

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

DRAFT FOR DISCUSSION

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

Waste Detail(s)

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

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84 | ***1 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***Acorn Products (1991) Inc.***
15 Crooks St
Fort Erie ON L2A 4H1 | ***SCT***

Established: 01-AUG-91
Plant Size (ft²): 10000
Employment:

--Details--
Description: Machine Shops
SIC/NAICS Code: 332710

Description: Turned Product and Screw, Nut and Bolt Manufacturing
SIC/NAICS Code: 332720

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84 | ***2 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***CANADIAN GASKET CO. LTD.***
15 CROOKS STREET - NIAGARA C/O P.O. BOX 66
FORT ERIE ON L2A 4H1 | ***GEN***

Generator Info

Generator No: ON0022000
Approval Years: 86,87
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: MACHINE SHOP IND.

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 3081

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

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

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	3 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 01-067 15 CROOKS STREET FORT ERIE ON L2A 4H1	GEN

Generator Info

Generator No:	ON0022000	***Choice of Contact:***	
Approval Years:	92,93,94,95,96,97	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3081
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	MACHINE SHOP IND.		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	253
Waste Class Name:	EMULSIFIED OILS

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	4 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 15 CROOKS STREET FORT ERIE ON L2A 4H1	GEN

Generator Info

Generator No:	ON0022000	***Choice of Contact:***	
Approval Years:	98,99,00,01,02,03,04,05,06,07,08	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	3081
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	MACHINE SHOP IND.		

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

DRAFT FOR DISCUSSION

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

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84 | ***5 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***ACORN PRODUCTS (1991) INC.***
15 Crooks Street
Fort Erie ON L2A 4H1 | ***GEN***

Generator Info

Generator No: ON0022000
Approval Years: 2009
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Machine Shops, Turned Product and Screw Nut and Bolt Manufacturing
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 332710, 332720

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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84 | ***6 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***ACORN PRODUCTS (1991) INC.***
15 Crooks Street
Fort Erie ON L2A 4H1 | ***GEN***

Generator Info

DRAFT FOR DISCUSSION

Generator No: ON0022000
Approval Years: 2010
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Machine Shops, Turned Product and Screw Nut and Bolt Manufacturing

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 332710, 332720

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

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84 | ***7 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***ACORN PRODUCTS (1991) INC.***
15 Crooks Street
Fort Erie ON L2A 4H1 | ***GEN***

Generator Info

Generator No: ON0022000
Approval Years: 2011
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Machine Shops, Turned Product and Screw Nut and Bolt Manufacturing

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 332710, 332720

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

DRAFT FOR DISCUSSION

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	8 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 15 Crooks Street Fort Erie ON L2A 4H1	GEN

Generator Info

Generator No: ON0022000
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Machine Shops, Turned Product and Screw Nut and Bolt Manufacturing

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 332710, 332720

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	9 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 15 Crooks Street Fort Erie ON	GEN

Generator Info

Generator No: ON0022000
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 332710, 332720

DRAFT FOR DISCUSSION

SIC Description: MACHINE SHOPS, TURNED PRODUCT AND SCREW, NUT AND BOLT MANUFACTURING

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	10 of 14	SE/241.9	184.9 / 9.00	**ACORN PRODUCTS (1991) INC.** **15 Crooks Street** **Fort Erie ON L2A 4H1**	GEN

Generator Info

Generator No: ON0022000
Approval Years: 2016
Status:
PO Box No:
Country: Canada
Co Admin: Scott M Morningstar
Phone No Admin: 905-871-1550 Ext.
SIC Description: MACHINE SHOPS, TURNED PRODUCT AND SCREW, NUT AND BOLT MANUFACTURING

Choice of Contact: CO_ADMIN
Contaminated Fac: No
MHSW Facility: No
SIC Code: 332710, 332720

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	11 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 15 Crooks Street Fort Erie ON L2A 4H1	GEN

Generator Info

Generator No:	ON0022000	***Choice of Contact:***	CO_ADMIN
Approval Years:	2015	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	332710, 332720
Country:	Canada		
Co Admin:	Scott M Morningstar		
Phone No Admin:	905-871-1550 Ext.		
SIC Description:	MACHINE SHOPS, TURNED PRODUCT AND SCREW, NUT AND BOLT MANUFACTURING		

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	253
Waste Class Name:	EMULSIFIED OILS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	12 of 14	SE/241.9	184.9 / 9.00	ACORN PRODUCTS (1991) INC. 15 Crooks Street Fort Erie ON L2A 4H1	GEN

Generator Info

Generator No:	ON0022000	***Choice of Contact:***	CO_ADMIN
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	332710, 332720
Country:	Canada		
Co Admin:	Scott M Morningstar		
Phone No Admin:	905-871-1550 Ext.		
SIC Description:	MACHINE SHOPS, TURNED PRODUCT AND SCREW, NUT AND BOLT MANUFACTURING		

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

DRAFT FOR DISCUSSION

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

Waste Detail(s)

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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84 | ***13 of 14*** | ***SE/241.9*** | ***184.9 / 9.00*** | ***ACORN PRODUCTS (1991) INC.***
15 Crooks Street
Fort Erie ON L2A 4H1 | ***GEN***

Generator Info

Generator No: ON0022000
Approval Years: As of Dec 2018
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 213 I
Waste Class Name: Petroleum distillates

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

2017 Generator Info

Gen No: ON0022000
ID: 785
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 332710
NAICS Code2: 332720
NAICS Code3:
Gen Name: ACORN PRODUCTS (1991) INC.
Gen Div:
Gen Op Name: ACORN PRODUCTS (1991) INC.
Gen Op Div:
Site Adrs1: 15 Crooks Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Fort Erie
Choice of Contact: CO_ADMIN
Phone No Official: 905-639-2503 Ext.
Phone No Admin: 905-639-2503 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

DRAFT FOR DISCUSSION

Province Out:
Site Postal Code: L2A 4H1
Site Country: Canada
Co Official: Lorraine Bizier
Co Admin: Dan Vespa

2018 Generator Info

Gen No: ON0022000
ID: 766
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 332710
NAICS Code2: 332720
NAICS Code3:
Gen Name: ACORN PRODUCTS (1991) INC.
Gen Div:
Gen Op Name: ACORN PRODUCTS (1991) INC.
Gen Op Div:
Site Adrs1: 15 Crooks Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Fort Erie
Province Out:
Site Postal Code: L2A 4H1
Site Country: Canada
Co Official: Lisa Moseley
Co Admin: Dan Vespa

Choice of Contact: CO_OFFICIAL
Phone No Official: 9056392503 Ext.
Phone No Admin: 905-639-2503 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

2018 Generator Manifest

ID: 3185
Generator No: ON0022000
Receiver Type: 035
Waste Char: L
Waste Code: 251

Sum Received Qty: 600.0
Waste Class Name: OIL SKIMMINGS & SLUDGES
Count Manifests: 1
District: 202

2019 Generator Info

Gen No: ON0022000
ID: 743
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 332710
NAICS Code2: 332720
NAICS Code3:
Gen Name: ACORN PRODUCTS (1991) INC.
Gen Div:
Gen Op Name: ACORN PRODUCTS (1991) INC.
Gen Op Div:
Site Adrs1: 15 Crooks Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Fort Erie
Province Out:
Site Postal Code: L2A 4H1
Site Country: Canada
Co Official: Lisa Moseley
Co Admin: Dan Vespa

Choice of Contact: CO_OFFICIAL
Phone No Official: 9056392503 Ext.
Phone No Admin: 905-639-2503 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

DRAFT FOR DISCUSSION

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
84	14 of 14	SE/241.9	184.9 / 9.00	15 Crooks St Fort Erie ON L2A4H1	EHS

Order No:	20171003046	**Nearest Intersection:**	
Status:	C	**Municipality:**	Regional Municipality of Niagara
Report Type:	Site Report	**Client Prov/State:**	ON
Report Date:	04-OCT-17	**Search Radius (km):**	.001
Date Received:	03-OCT-17	**X:**	-78.929478
Previous Site Name:		**Y:**	42.930261
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
85	1 of 1	SE/242.3	184.9 / 9.00	FORT ERIE TOWN PHIPPS ST/DODDS CT/ROBINSON ST FORT ERIE ON	CA

Certificate #:	7-1131-98-
Application Year:	98
Issue Date:	11/19/1998
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

DRAFT FOR DISCUSSION

Unplottable Summary

Total: 48 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF NIAGARA	ANGER AVENUE SEW. PUMP STATION	FORT ERIE TOWN ON	
CA	The Regional Municipality of Niagara	Thompson Rd	Fort Erie ON	
CA	The Corporation of the Town of Fort Erie	Phipps Street	Fort Erie ON	
CA	The Regional Municipality of Niagara	Thompson Rd	Fort Erie ON	
CA	R.M. OF NIAGARA	LOT 9/CON.1, ANGER AVE. WPCP	FORT ERIE TOWN ON	
CA	R.M. OF NIAGARA ANGER AVE. WATER POLL.CP	ANGER AVE. WPCP. EXP.	FORT ERIE TOWN ON	
CA	R.M. OF NIAGARA	LOT 9/CON.1, ANGER AVE. P.S.	FORT ERIE TOWN ON	
CA	FORT ERIE TOWN - LOT 8, CONC. 1	BROCK ST./CROOKS ST./JESSIE ST	FORT ERIE TOWN ON	
CA	R.M. OF NIAGARA	NIAGARA RIVER PARKWAY	FORT ERIE TOWN ON	
CA	REGIONAL MUNICIPALITY OF NIAGARA	ANGER AVENUE PUMP STATION	FORT ERIE TOWN ON	
CA	R.M. OF NIAGARA	PART LOT 9 CONC. 1N.R.	FORT ERIE TOWN ON	
CONV	Fort Erie Recreational Park	Niagara Parkway	Fort Erie ON	
ECA	The Corporation of the Town of Fort Erie	Highland Avenue, Jessie Street, Robinson Street Ave	Fort Erie ON	L2A 2S6
GEN	CANADIAN NATIONAL RAILWAY	VARIOUS SITES WITHIN THE MOE WEST-CENTRAL REGION	(SEE SCHEDULE "B") ON	
GEN	The Miller Group	Thompson Road Structure	Fort Erie ON	L0S1S0
GEN	The Miller Group	Thompson Road Structure	Fort Erie ON	L0S1S0
GEN	The Miller Group	Thompson Road Structure	Fort Erie ON	L0S1S0

DRAFT FOR DISCUSSION

PTTW	Rio Vista Golf Course	Lot 8, Concession 2, Town of Fort Erie, Regional Municipality of Niagara TOWN OF FORT ERIE	ON
PTTW	Rio Vista Golf Course	Lot 8, Concession 2, geographic Township of Bertie, Town of Fort Erie, Regional Munucipality of Niagara TOWN OF FORT ERIE	ON
SPL	Allen Tree Service Limited; Canadian Niagara Power Inc.	Town of Fort Erie various locations<UNOFFICIAL>	Fort Erie ON
SPL	Canadian National Railway Company	Niagara Parkway	Fort Erie ON
SPL	Canadian National Railway Company	off of Bowen Rd	Fort Erie ON
SPL	Canadian Niagara Power<UNOFFICIAL>		Fort Erie ON
SPL	PUC	NIAGARA RIVER PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER	FORT ERIE TOWN ON
SPL	PUC	STP ON ANGER AVE. PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER	FORT ERIE TOWN ON
SPL	ONTARIO HYDRO	ACORN PRODUCTS LTD - CROOKS ST TRANSFORMER	FORT ERIE TOWN ON
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION	FORT ERIE TOWN ON
SPL	CANADIAN NATIONAL RAILWAY	AT THE C.N. RAILYARD STORAGE TANKS	FORT ERIE TOWN ON
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER PARKWAY PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION	FORT ERIE TOWN ON
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION	FORT ERIE TOWN ON
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION	FORT ERIE TOWN ON
SPL	CANADIAN NIAGARA POWER CO.	TRANSFORMER	FORT ERIE TOWN ON
SPL	CANADIAN NIAGARA POWER CO.	TRANSFORMER	FORT ERIE TOWN ON
SPL	CANADIAN NIAGARA POWER CO.	CANADIAN NIAGARA POWER TRANSFORMER	FORT ERIE TOWN ON
SPL	NIAGARA, REGIONAL MUNICIPALITY	AT THE LAKESHORE PUMPING STATION ON NIAGARA PARKWAY SANITARY SEWER SYSTEM/PUMPING STATION	FORT ERIE TOWN ON
WWIS		con 1	ON
WWIS		lot 10 con 2	ON

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WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 3	ON
WWIS	lot 1	ON
WWIS	con 1	ON
WWIS	con 2	ON
WWIS	lot 3	ON
WWIS	lot 7 con 2	ON
WWIS	con 1	ON

DRAFT FOR DISCUSSION

Unplottable Report

Site: ***R.M. OF NIAGARA***
ANGER AVENUE SEW. PUMP STATION FORT ERIE TOWN ON

Database: ***CA***

Certificate #: 3-1326-95-006
Application Year: 95
Issue Date: 10/5/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Niagara***
Thompson Rd Fort Erie ON

Database: ***CA***

Certificate #: 0306-7SXMBZ
Application Year: 2009
Issue Date: 6/15/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the Town of Fort Erie***
Phipps Street Fort Erie ON

Database: ***CA***

Certificate #: 0921-5V6PBT
Application Year: 2004
Issue Date: 1/14/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Niagara***
Thompson Rd Fort Erie ON

Database: ***CA***

Certificate #: 5373-85NKHD

DRAFT FOR DISCUSSION

Application Year: 2010
Issue Date: 5/21/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF NIAGARA***
LOT 9/CON.1, ANGER AVE. WPCP FORT ERIE TOWN ON

Database: ***CA***

Certificate #: 3-2140-87-887
Application Year: 87
Issue Date: 4/1/96
Approval Type: Municipal sewage
Status: First Ammendment in 1988
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF NIAGARA ANGER AVE. WATER POLL.CP***
ANGER AVE. WPCP. EXP. FORT ERIE TOWN ON

Database: ***CA***

Certificate #: 3-2140-87-
Application Year: 87
Issue Date: 6/21/1988
Approval Type: Municipal sewage
Status: Underwent 1st revision in 1988
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF NIAGARA***
LOT 9/CON.1, ANGER AVE. P.S. FORT ERIE TOWN ON

Database: ***CA***

Certificate #: 3-0846-95-
Application Year: 95
Issue Date: 7/11/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

DRAFT FOR DISCUSSION

Site: ***FORT ERIE TOWN - LOT 8, CONC. 1***
BROCK ST./CROOKS ST./JESSIE ST FORT ERIE TOWN ON

Database: ***CA***

Certificate #:	7-1025-91-
Application Year:	91
Issue Date:	8/23/1991
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF NIAGARA***
NIAGARA RIVER PARKWAY FORT ERIE TOWN ON

Database: ***CA***

Certificate #:	3-0011-89-
Application Year:	89
Issue Date:	1/17/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***REGIONAL MUNICIPALITY OF NIAGARA***
ANGER AVENUE PUMP STATION FORT ERIE TOWN ON

Database: ***CA***

Certificate #:	8-2372-95-006
Application Year:	95
Issue Date:	12/15/95
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	750 KW STANDBY GEN-SET FOR SEW. P.S.
Contaminants:	Nitrogen Oxides, Sulphur Dioxide
Emission Control:	No Controls

Site: ***R.M. OF NIAGARA***
PART LOT 9 CONC. 1N.R. FORT ERIE TOWN ON

Database: ***CA***

Certificate #:	8-2010-88-
Application Year:	88
Issue Date:	1/13/1988
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

DRAFT FOR DISCUSSION

Client City:
Client Postal Code:
Project Description: 3-2140-87
Contaminants: Odour/Fumes
Emission Control: Act. Charcoal Filter

Site: ***Fort Erie Recreational Park***
Niagara Parkway Fort Erie ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Location: St. Catharines
Region:
Ministry District:

Publication Title: Fort Erie Recreational Park Fined $ 60,000 for Discharging Sewage to the Ground
Act: Environmental Protection Act.
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed: The company was fined $50,000 and Mr. Hafeez $10,000 for a total of $60,000 plus a victim fine surcharge totaling $ 15,000 and each given nine months to pay the fines
Description: Fort Erie Recreational Park has been fined $60,000 for discharging sewage waste on land likely to cause an adverse effect, contrary
to the Environmental Protection Act.
Background: 1431344 Ontario Inc. owns and operates a recreational park located on Niagara Parkway, Fort Erie, known as Frenchman's Creek R.V. and Camping. Mohammed Abdul Hafeez is the Director of the company that purchased this site in May of 2009. The recreational park has sites for recreational vehicles, camping, on site cabins and a small two storey motel on about 10 acres of land. The site's sewage is serviced by several septic systems located around the property.

On August 19, 2013, a Provincial Officer of the ministry and a Niagara Regional Health Inspector attended the camp site and spoke with Mr. Hafeez concerning the discharge of sewage which is both an environmental and human health concern. At this time there were approximately 15 residents on site.

Sewage was observed discharging directly from an R.V. trailer to the ground with evidence that this discharge had been ongoing. There was also a storage tank directly discharging sewage to a ditch along a roadway. This ditch flows to the Niagara River on the east side of the Niagara River Parkway near a public boat launch.

On August 29, 2013, the officer returned to the site and observed that the R.V. trailer was still discharging sewage directly to the ground and had not been connected to the sewage holding tank as requested.

As a result of the ongoing sewage discharges, the entire site was ordered closed by the Niagara Regional Medical Officer of Health and all residents were required to vacate the premises by October 2, 2013. The Town of Fort Erie shut off the water supply to the site on October 2, 2013.
URL: https://news.ontario.ca/ene/en/2014/07/fort-erie-recreational-park-fined-60000-for-discharging-sewage-to-the-ground.html

Additional Details

Publication Date: July 28, 2014 2:30 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: on October 2, 2013
Date of Conviction:
Date Charged:
Charge Disposition:
Fine:
Synopsis: FORT ERIE RECREATIONAL PARK FINED $ 60,000 FOR DISCHARGING SEWAGE TO THE GROUND

Site: ***The Corporation of the Town of Fort Erie***
Highland Avenue, Jessie Street, Robinson Street Ave Fort Erie ON L2A 2S6

Database: ***ECA***

Approval No: 5699-AGFJP8
MOE District:

DRAFT FOR DISCUSSION

Approval Date:	2016-12-13	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Corporation of the Town of Fort Erie		
Address:	Highland Avenue, Jessie Street, Robinson Street Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6499-AGDLJ6-14.pdf		
PDF Site Location:			

Site: ***CANADIAN NATIONAL RAILWAY***
VARIOUS SITES WITHIN THE MOE WEST-CENTRAL REGION (SEE SCHEDULE "B") ON

Database: ***GEN***

Generator Info

Generator No:	ONR000702	***Choice of Contact:***	
Approval Years:	2012	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	482113
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Mainline Freight Rail Transportation		

Waste Detail(s)

Waste Class: 270
Waste Class Name: OTHER SPECIFIED ORGANICS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

DRAFT FOR DISCUSSION

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Detail(s)

Waste Class: 222
Waste Class Name: HEAVY FUELS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 231
Waste Class Name: LATEX WASTES

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Detail(s)

Waste Class: 232
Waste Class Name: POLYMERIC RESINS

Waste Detail(s)

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

Waste Detail(s)

DRAFT FOR DISCUSSION

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

Waste Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

Waste Detail(s)

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Site: ***The Miller Group***
Thompson Road Structure Fort Erie ON L0S1S0

Database: ***GEN***

Generator Info

Generator No: ON5075180
Approval Years: 2016
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 237310

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Site: ***The Miller Group***
Thompson Road Structure Fort Erie ON L0S1S0

Database: ***GEN***

Generator Info

DRAFT FOR DISCUSSION

Generator No: ON5075180
Approval Years: 2014
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 237310

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Site: ***The Miller Group***
Thompson Road Structure Fort Erie ON L0S1S0

Database: ***GEN***

Generator Info

Generator No: ON5075180
Approval Years: 2015
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 237310

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Site: ***Rio Vista Golf Course***
Lot 8, Concession 2, Town of Fort Erie, Regional Municipality of Niagara TOWN OF FORT ERIE ON

Database: ***PTTW***

EBR Registry No: IA00E1730
Ministry Ref No: 23013410
Notice Type: Instrument Decision
Notice Stage:
Notice Date: January 23, 2001
Proposal Date: November 06, 2000
Year: 2000
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Rio Vista Golf Course
Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O.Box 304, Fort Erie Ontario, L2A 2Y5
Comment Period:
URL:
Summary:

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

Site Location Details:

Lot 8, Concession 2, Town of Fort Erie, Regional Municipality of Niagara TOWN OF FORT ERIE

Site: ***Rio Vista Golf Course***
Lot 8, Concession 2, geographic Township of Bertie, Town of Fort Erie, Regional Munucipality of Niagara TOWN OF

Database: ***PTTW***

DRAFT FOR DISCUSSION

FORT ERIE ON

EBR Registry No:	IA03E1285	***Decision Posted:***	
Ministry Ref No:	1474-5R2K7R	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	January 04, 2005	***Act 2:***	
Proposal Date:	September 08, 2003	***Site Location Map:***	
Year:	2003		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Rio Vista Golf Course		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	P.O.Box 304, Fort Erie Ontario, L2A 2Y5		
Comment Period:			
URL:			
Summary:			

Site Location Details:

Lot 8, Concession 2, geographic Township of Bertie, Town of Fort Erie, Regional Munucipality of Niagara TOWN OF FORT ERIE

Site: ***Allen Tree Service Limited; Canadian Niagara Power Inc.***
Town of Fort Erie various locations<UNOFFICIAL> Fort Erie ON

Database: ***SPL***

Ref No:	0786-6EBRBH	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	7/15/2005	***Discharger Report:***	0
Dt MOE Arvl on Scn:		***Material Group:***	Oil
MOE Reported Dt:	7/15/2005	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Niagara		
Nearest Watercourse:			
Site Name:	Town of Fort Erie various locations<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Fort Erie		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:	Allen Tree Service Limited; Canadian Niagara Power Inc.		
Client Type:			
Source Type:			
Incident Cause:	Unknown		
Incident Preceding Spill:			
Incident Reason:	Unknown - Reason not determined		
Incident Summary:	Truck leaking oil at various points of Fort Erie		
Environment Impact:	Confirmed		
Health Env Consequence:			
Nature of Impact:	Soil Contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)		

DRAFT FOR DISCUSSION

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spills to Highways (usually highway accidents)
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***Canadian National Railway Company***
Niagara Parkway Fort Erie ON

Database: ***SPL***

Ref No: 3176-6AZJH4
Year:
Incident Dt: 3/31/2005
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/31/2005
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Niagara
Nearest Watercourse:
Site Name: CN Rail Bridge over the Niagara Parkway in Fort Erie<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Fort Erie
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name: Canadian National Railway Company
Client Type:
Source Type:
Incident Cause:
Incident Preceding Spill:
Incident Reason: Equipment Failure
Incident Summary: CN Rail: 75 Gal DSL, some to Niagara R.
Environment Impact: Possible
Health Env Consequence:
Nature of Impact: Surface Water Pollution
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit: L
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Train
SAC Action Class: Spill to Great Lakes System
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report: 0
Material Group: Oil
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Site: ***Canadian National Railway Company***
off of Bowen Rd Fort Erie ON

Database: ***SPL***

Ref No:	7433-8TPL67	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	25-APR-12	***Discharger Report:***	
Dt MOE Arvl on Scn:	26-APR-12	***Material Group:***	
MOE Reported Dt:	25-APR-12	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:	
MOE Response:	Deferred Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	CN Railyard<UNOFFICIAL>
Site Address:	off of Bowen Rd
Site Region:	
Site Municipality:	Fort Erie
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	Canadian National Railway Company
Client Type:	
Source Type:	
Incident Cause:	Container Leak (Fuel Tank Barrels)
Incident Preceding Spill:	
Incident Reason:	Equipment Failure - Malfunction of system components
Incident Summary:	CN Railyard - 100/200 L dsl to ground
Environment Impact:	Confirmed
Health Env Consequence:	
Nature of Impact:	Soil Contamination
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Sewage - Municipal/Private and Commercial
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Motor Vehicle
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

Site: ***Canadian Niagara Power<UNOFFICIAL>***
Fort Erie ON

Database: ***SPL***

Ref No:	8050-9ZER86	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	8/15/2015	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	8/15/2015	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:	NA
MOE Response:	No
Site County/District:	

DRAFT FOR DISCUSSION

Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: 150 Derby Rd.<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Fort Erie
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name: Canadian Niagara Power<UNOFFICIAL>
Client Type:
Source Type:
Incident Cause:
Incident Preceding Spill:
Incident Reason: Equipment Failure
Incident Summary: 95L trnsfrmr oil (nonPCB) to vault, contained
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 95 L
Contaminant Qty 1: 95
Contaminant Unit: L
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Electric Power Generation
SAC Action Class: Primary Assessment of Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***PUC***
NIAGARA RIVER PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 67625
Year:
Incident Dt: 3/4/1992
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/4/1992
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved: REG. NIAGARA

DRAFT FOR DISCUSSION

Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Preceding Spill:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: PUC PUMPING STN - BYPASS (INTERMITTENT) TO NIAGARARIVER, BROKEN FORCEMAIN.
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***PUC***
STP ON ANGER AVE. PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 46864
Year:
Incident Dt: 2/21/1991
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/21/1991
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: CONTAINER OVERFLOW
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: FORT ERIE STP - 2250 L OF SEWAGE SLUGE TO DRY DITCH.
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***ONTARIO HYDRO***
ACORN PRODUCTS LTD - CROOKS ST TRANSFORMER FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 8849
Year:
Incident Dt: 9/2/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/2/1988
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: COOLING SYSTEM LEAK
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: ONT HYDRO - UNKNOWN QTY MINERAL OIL (LT 50 PPM PCBS) TO GROUND.
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Time Reported:
System Facility Address:

Site: ***NIAGARA, REGIONAL MUNICIPALITY***
NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION FORT ERIE TOWN ON

Database: ***SPL***

Ref No:	121573	***Municipality No:***	18401
Year:		***Nature of Damage:***	
Incident Dt:	12/7/1995	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	12/7/1995	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Preceding Spill:
Incident Reason: INTENTIONAL/PLANNED
Incident Summary: NIAGARA R.M.-INTERMITTENTBYPASS OF RAW CHLORINATEDSEWAGE FROM LIFT STATION.
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Water course or lake
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***CANADIAN NATIONAL RAILWAY***
AT THE C.N. RAILYARD STORAGE TANKS FORT ERIE TOWN ON

Database: ***SPL***

Ref No:	111405	***Municipality No:***	18401
Year:		***Nature of Damage:***	
Incident Dt:	//	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	3/28/1995	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	C.N. POLICE

DRAFT FOR DISCUSSION

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: OTHER CONTAINER LEAK
Incident Preceding Spill:
Incident Reason: VANDALISM
Incident Summary: C.N. RAIL: 478 L TRANSFO-RMER OIL TO GROUND WHEN 3TRANSFORMERS VANDALIZED.
Environment Impact: CONFIRMED
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***NIAGARA, REGIONAL MUNICIPALITY***
NIAGARA RIVER PARKWAY PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 135854
Year:
Incident Dt: 1/6/1997
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/6/1997
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Preceding Spill:
Incident Reason: DAMAGE BY MOVING EQUIPMENT
Incident Summary: NIAGARA R.M.- SEWAGE TO GROUND FROM RUPTURED FORCEMAIN.
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***NIAGARA, REGIONAL MUNICIPALITY***
NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 80092
Year:
Incident Dt: 12/20/1992
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/20/1992
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Preceding Spill:
Incident Reason: POWER INTERRUPTION
Incident Summary: NIAGARA R.M.-1 HR BYPASS OF RAW SEWAGE TO NIAGARA RIVER,POWER FAILURE.
Environment Impact: POSSIBLE

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Health Env Consequence:
Nature of Impact: Water course or lake
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***NIAGARA, REGIONAL MUNICIPALITY***
NIAGARA RIVER SANITARY SEWER SYSTEM/PUMPING STATION FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 96613
Year:
Incident Dt: 2/20/1994
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/20/1994
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: CONTAINER OVERFLOW
Incident Preceding Spill:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: NIAGARA R.M.: SEWAGE TO RIVER FROM BACKED-UP SEWAGE LINE
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Activity Preceding Spill:
Property 2nd Watershed:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

DRAFT FOR DISCUSSION

Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***CANADIAN NIAGARA POWER CO.***
TRANSFORMER FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 172952
Year:
Incident Dt: 9/21/1999
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/21/1999
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: COOLING SYSTEM LEAK
Incident Preceding Spill:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: CANADIAN NIAGARA POWER- <1 L TRANSFORMER OIL TO ASPHALT.CLEANED-UP.
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No: 18401
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Site: ***CANADIAN NIAGARA POWER CO.***
TRANSFORMER FORT ERIE TOWN ON

Database: ***SPL***

Ref No: 173871
Year:

Municipality No: 18401
Nature of Damage:

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Incident Dt:	10/16/1999	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	10/16/1999	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: FORT ERIE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: COOLING SYSTEM LEAK
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: CANADIAN NIAGARA POWER: TRANSFORMER FLUID LEAK. 1L CONTAINED. TO GROUND
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***CANADIAN NIAGARA POWER CO.***
CANADIAN NIAGARA POWER TRANSFORMER FORT ERIE TOWN ON

Database: ***SPL***

Ref No:	176986	***Municipality No:***	18401
Year:		***Nature of Damage:***	
Incident Dt:	//	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	1/25/2000	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:

DRAFT FOR DISCUSSION

Site Municipality:	FORT ERIE TOWN
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	COOLING SYSTEM LEAK
Incident Preceding Spill:	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT
Incident Summary:	CAN NIAGARA POWER: 135 TRANSFORMER OIL SPILL TO GRND.CLEANUP NOT POSSIBLE
Environment Impact:	POSSIBLE
Health Env Consequence:	
Nature of Impact:	Soil contamination
Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	LAND
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

Site: ***NIAGARA, REGIONAL MUNICIPALITY AT THE LAKESHORE PUMPING STATION ON NIAGARA PARKWAY SANITARY SEWER SYSTEM/PUMPING STATION FORT ERIE TOWN ON***

Database: ***SPL***

Ref No:	178112	***Municipality No:***	18401
Year:		***Nature of Damage:***	
Incident Dt:	3/2/2000	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	3/2/2000	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	FORT ERIE TOWN		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	PIPE/HOSE LEAK		

DRAFT FOR DISCUSSION

Incident Preceding Spill:
Incident Reason: MATERIAL FAILURE
Incident Summary: NIAGARA R.M.: RAW SEWAGE TO SIDEWALK FROM BROKEN FORCEMAIN, CONTAINED.
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 6604371
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206727
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/27/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4795
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession: 01
Concession Name: LEF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463968
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/29/1999
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

DRAFT FOR DISCUSSION

Overburden and Bedrock Materials Interval

Formation ID:	932602419
Layer:	5
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	27.0
Formation End Depth:	53.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932602416
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	29
Material 2 Desc:	FINE GRAVEL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	4.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932602417
Layer:	3
Color:	2
General Color:	GREY
Material 1:	12
Material 1 Desc:	STONES
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932602415
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	79
Material 3 Desc:	PACKED

DRAFT FOR DISCUSSION

Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602418
Layer: 4
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 29
Material 2 Desc: FINE GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604371
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012538
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753684
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753685
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 53.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996604371

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Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
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:	1
Pumping Duration MIN:	45
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934345124
Test Type:	
Test Duration:	15
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934612479
Test Type:	
Test Duration:	30
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935122667
Test Type:	
Test Duration:	60
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934866667
Test Type:	
Test Duration:	45
Test Level:	22.0
Test Level UOM:	ft

Water Details

Water ID:	933951752
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	49.0
Water Found Depth UOM:	ft

Site:
lot 10 con 2 ON

Database:
WWIS

Well ID:	6603619	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1

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Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Date Received: 06/27/1984
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1128
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 010
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463219
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/23/1984
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932598949
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598950
Layer: 2
Color: 2
General Color: GREY
Material 1: 17
Material 1 Desc: SHALE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:

DRAFT FOR DISCUSSION

Formation Top Depth: 12.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598951
Layer: 3
Color: 8
General Color: BLACK
Material 1: 40
Material 1 Desc: FLINT
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598952
Layer: 4
Color: 2
General Color: GREY
Material 1: 00
Material 1 Desc: UNKNOWN TYPE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603619
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011789
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752589
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

DRAFT FOR DISCUSSION

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996603619
Pump Set At:	
Static Level:	4.0
Final Level After Pumping:	4.0
Recommended Pump Depth:	24.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	15.0
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:	934343512
Test Type:	Recovery
Test Duration:	15
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934610871
Test Type:	Recovery
Test Duration:	30
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935129844
Test Type:	Recovery
Test Duration:	60
Test Level:	4.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934865060
Test Type:	Recovery
Test Duration:	45
Test Level:	4.0
Test Level UOM:	ft

Water Details

Water ID:	933950911
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

DRAFT FOR DISCUSSION

Well ID: 6603751
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 07907
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/04/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3640
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463350
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/18/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932599535
Layer: 7
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599534
Layer: 6
Color: 2
General Color: GREY
Material 1: 28

DRAFT FOR DISCUSSION

Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599533
Layer: 5
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599530
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599531
Layer: 3
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599529
Layer: 1

DRAFT FOR DISCUSSION

Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599532
Layer: 4
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603751
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011920
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752782
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996603751
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 26.0
Pumping Rate: 12.0

DRAFT FOR DISCUSSION

Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935121541
Test Type: Draw Down
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934343994
Test Type: Draw Down
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934611351
Test Type: Draw Down
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934865541
Test Type: Draw Down
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933951059
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 30.0
Water Found Depth UOM: ft

Water Details

Water ID: 933951058
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

DRAFT FOR DISCUSSION

Well ID:	6603817	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/07/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	30397	***Contractor:***	3640
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	009
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463414	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/25/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932599841
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	15.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932599842
Layer:	4
Color:	2
General Color:	GREY
Material 1:	11

DRAFT FOR DISCUSSION

Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 18.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599839
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599840
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603817
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011984
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752878
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

DRAFT FOR DISCUSSION

Depth To: 18.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930752879
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603817
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 18.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
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: 934344031
Test Type: Recovery
Test Duration: 15
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934865578
Test Type: Recovery
Test Duration: 45
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934611388
Test Type: Recovery
Test Duration: 30
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935121578

DRAFT FOR DISCUSSION

Test Type: Recovery
Test Duration: 60
Test Level: 6.0
Test Level UOM: ft

Water Details

Water ID: 933951136
Layer: 1
Kind Code: 4
Kind: MINERIAL
Water Found Depth: 18.0
Water Found Depth UOM: ft

Site:
lot 5 ON

Database:
WWIS

Well ID: 6603895
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 42685
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/06/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2123
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463492
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/25/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932600220
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY

DRAFT FOR DISCUSSION

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932600223
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932600221
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932600222
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603895
Method Construction Code: 4
Method Construction: Rotary (Air)

DRAFT FOR DISCUSSION

Other Method Construction:

Pipe Information

Pipe ID: 11012062
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752994
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 996603895
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 35.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933951215
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 46.0
Water Found Depth UOM: ft

Site:
lot 4 ON

Database:
WWIS

Well ID: 6604096
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 093665
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/13/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2123
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 004

DRAFT FOR DISCUSSION

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

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

Bore Hole Information

Bore Hole ID: 10463693
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/15/1992
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932601153
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601156
Layer: 4
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

DRAFT FOR DISCUSSION

Formation ID: 932601155
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601154
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604096
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11012263
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753270
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 996604096
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 46.0

DRAFT FOR DISCUSSION

Recommended Pump Depth:
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933951452
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 46.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 6603573
Construction Date:
Use 1st: Domestic
Use 2nd: Livestock
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/05/1983
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4856
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463182
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/14/1983
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

DRAFT FOR DISCUSSION

Materials Interval

Formation ID:	932598778
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932598782
Layer:	5
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	122.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932598780
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	98.0
Formation End Depth:	106.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932598779
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	13
Material 3 Desc:	BOULDERS
Formation Top Depth:	1.0
Formation End Depth:	98.0
Formation End Depth UOM:	ft

DRAFT FOR DISCUSSION

Overburden and Bedrock Materials Interval

Formation ID:	932598781
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	106.0
Formation End Depth:	122.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966603573
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11011752
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930752536
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930752537
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	150.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996603573
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	90.0

DRAFT FOR DISCUSSION

Recommended Pump Depth: 90.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934343492
Test Type: Draw Down
Test Duration: 15
Test Level: 90.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934865040
Test Type: Draw Down
Test Duration: 45
Test Level: 90.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934610851
Test Type: Draw Down
Test Duration: 30
Test Level: 90.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935129821
Test Type: Draw Down
Test Duration: 60
Test Level: 90.0
Test Level UOM: ft

Water Details

Water ID: 933950875
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 148.0
Water Found Depth UOM: ft

Water Details

Water ID: 933950874
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

DRAFT FOR DISCUSSION

Water Details

Water ID:	933950873
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	119.0
Water Found Depth UOM:	ft

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

lot 1 ON

Well ID:	6603469	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/11/1981
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1918
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463081	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/14/1979	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932598369
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	6.0

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Formation End Depth: 44.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598368
Layer: 1
Color: 8
General Color: BLACK
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603469
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11011651
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752401
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 41.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930752400
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 6.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603469
Pump Set At:

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Static Level:	20.0
Final Level After Pumping:	
Recommended Pump Depth:	40.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
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:	935129783
Test Type:	
Test Duration:	60
Test Level:	36.0
Test Level UOM:	ft

Water Details

Water ID:	933950728
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	41.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	6600143	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/16/1948
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4629
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	LEF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10459877	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/02/1947	***UTMRC Desc:***	unknown UTM

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Remarks: ***Location Method:*** na
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932588128
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932588129
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600143
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008447
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746741
Layer: 1
Material:
Open Hole or Material:
Depth From:

DRAFT FOR DISCUSSION

Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 996600143
Pump Set At:
Static Level: 0.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Site: ***Database:*** ***WWIS***
con 2 ON

Well ID: 6600273
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/26/1949
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3017
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession: 02
Concession Name: LEF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10460007
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/20/1948
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

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

DRAFT FOR DISCUSSION

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932588432
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932588431
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600273
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008577
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930746988
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 5.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

DRAFT FOR DISCUSSION

Casing ID: 930746989
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 26.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996600273
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 36.0
Recommended Pump Depth:
Pumping Rate: 9.0
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: 933947506
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 6603393
Construction Date:
Use 1st: Public
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/05/1980
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3640
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

DRAFT FOR DISCUSSION

Bore Hole ID: 10463006
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/16/1980
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932598112
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 32.0
Formation End Depth: 34.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598110
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 66
Material 2 Desc: DENSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598111
Layer: 2
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 32.0

DRAFT FOR DISCUSSION

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603393
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011576
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752298
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996603393
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 30.0
Pumping Rate: 16.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934610780
Test Type: Recovery
Test Duration: 30
Test Level: 13.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934864971
Test Type: Recovery
Test Duration: 45
Test Level: 13.0
Test Level UOM: ft

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Draw Down & Recovery

Pump Test Detail ID:	934342999
Test Type:	Recovery
Test Duration:	15
Test Level:	13.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935129325
Test Type:	Recovery
Test Duration:	60
Test Level:	13.0
Test Level UOM:	ft

Water Details

Water ID:	933950635
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	34.0
Water Found Depth UOM:	ft

Site:

lot 7 con 2 ON

Database: ***WWIS***

Well ID:	6603445	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/23/1981
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3640
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	FORT ERIE TOWN (BERTIE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463058	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/16/1981	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

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Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932598303
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	66
Material 2 Desc:	DENSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932598304
Layer:	2
Color:	2
General Color:	GREY
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932598305
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	40
Material 2 Desc:	FLINT
Material 3:	74
Material 3 Desc:	LAYERED
Formation Top Depth:	4.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966603445
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

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Pipe ID: 11011628
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752368
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 30.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930752367
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603445
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 27.0
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: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934343443
Test Type: Recovery
Test Duration: 15
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934610802
Test Type: Recovery
Test Duration: 30
Test Level: 4.0
Test Level UOM: ft

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Draw Down & Recovery

Pump Test Detail ID: 934864993
Test Type: Recovery
Test Duration: 45
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935129768
Test Type: Recovery
Test Duration: 60
Test Level: 4.0
Test Level UOM: ft

Water Details

Water ID: 933950701
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 27.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 6603457
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: FORT ERIE TOWN (BERTIE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/11/1981
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1918
Form Version: 1
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463069
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/13/1979
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

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

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Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932598332
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598329
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598330
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932598331
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

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Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603457
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011639
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603457
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 12.0
Recommended Pump Depth: 17.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 10.0
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: 934865002
Test Type: Draw Down
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934343452
Test Type: Draw Down
Test Duration: 15
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934610811
Test Type: Draw Down
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

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Draw Down & Recovery

Pump Test Detail ID:	935129778
Test Type:	Draw Down
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933950713
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	17.0
Water Found Depth UOM:	ft

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Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Apr 30, 2024

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

DRAFT FOR DISCUSSION

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -May 2024

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Oct 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Oct 31, 2024

DRAFT FOR DISCUSSION

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2024

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Oct 31, 2024

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Oct 31, 2024

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Oct 31, 2024

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

DRAFT FOR DISCUSSION

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2024

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

DRAFT FOR DISCUSSION

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Nov 30, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2022

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

DRAFT FOR DISCUSSION

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

DRAFT FOR DISCUSSION

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2024

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database includes well owner/operator, location, permit issue date, and well cap date, license number, status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provided for each well record.

Government Publication Date: 1800-Aug 2024

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Oct 31, 2024

DRAFT FOR DISCUSSION

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Oct 31, 2024

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2024; May 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Feb 2024

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

DRAFT FOR DISCUSSION

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Oct 31, 2024

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2024

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available by 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-Jun 2024; Aug 2024; Oct 2024

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Apr 2024

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Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011 - Oct 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31 2023

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Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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APPENDIX D

PHOTOGRAPHIC LOG

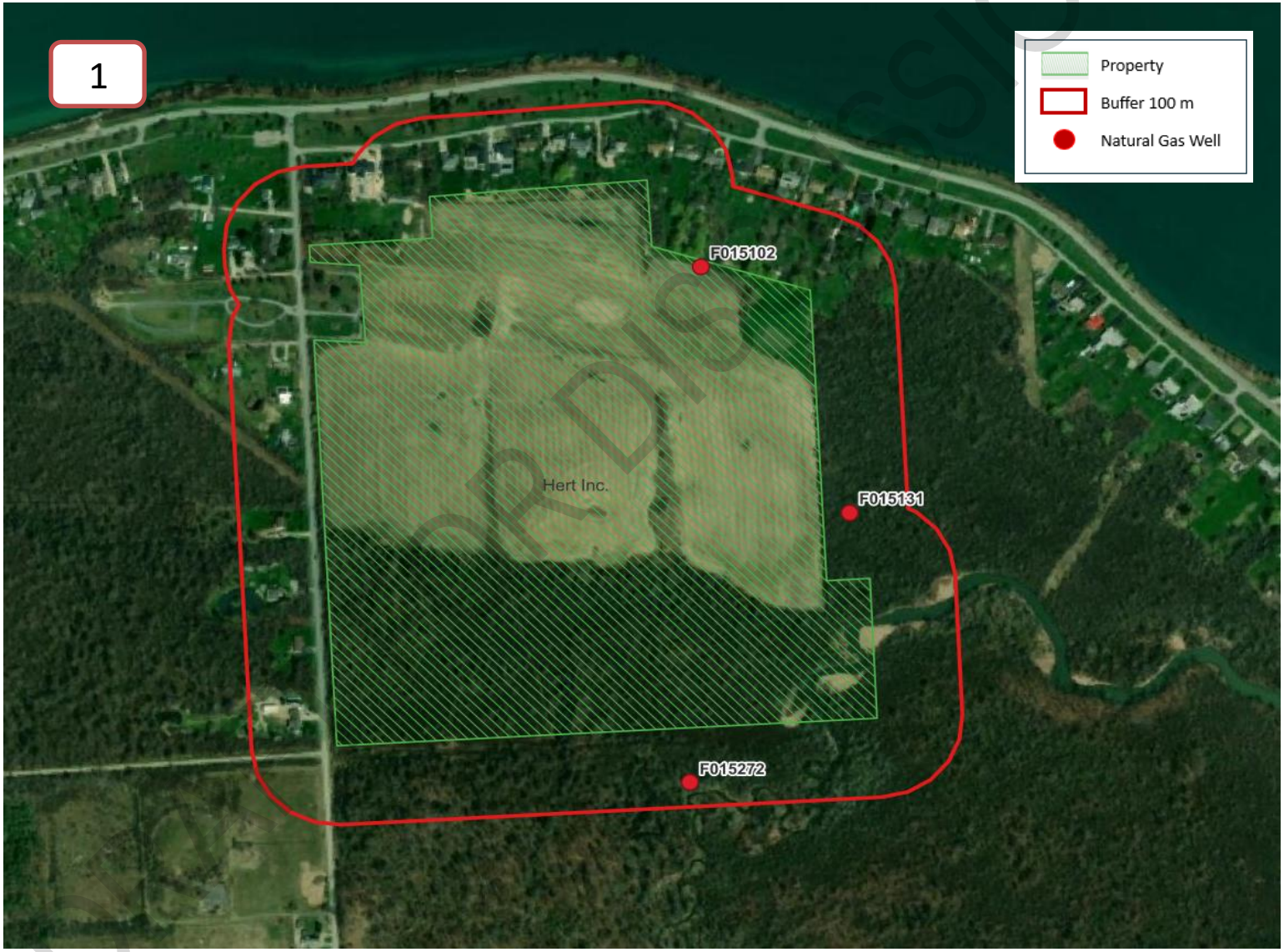
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GAS WELLS OF BRIDGEBURG NORTH LANDS



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GAS WELLS OF HERT INC. (PROPERTY #1)



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Possible Gas Well F015102



Photograph No. 1: Standing pipes are located in the backyard at 1477 Niagara River Parkway.



Photograph No. 2: Standing pipes identified within a 50 m margin of the OGSRL coordinates.



Photograph No. 3: South adjacent agricultural field.

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Unknown



Photograph No. 4: Remnants of historical Well in northern portion of open field



Photograph No. 5: Not identified as a gas well – suspected water well from historical farm use. Tested with RK Eagle – no responses.



Photograph No. 6: Well located on the north side of the property within the agricultural field

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Potential Gas Well F015263



Photograph No. 7: Frenchman's Creek. Northwestern corner of Property #5.



Photograph No. 8: Metal T-poles observed in the bank of Frenchman's Creek, within 50 m of the OGSRL coordinates



Photograph No. 9: Forest adjacent to Frenchman's Creek, north view

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Possible Well F015131*



Photograph No. 10: Casing located at the entrance of the forest, adjacent to the agricultural field, south view

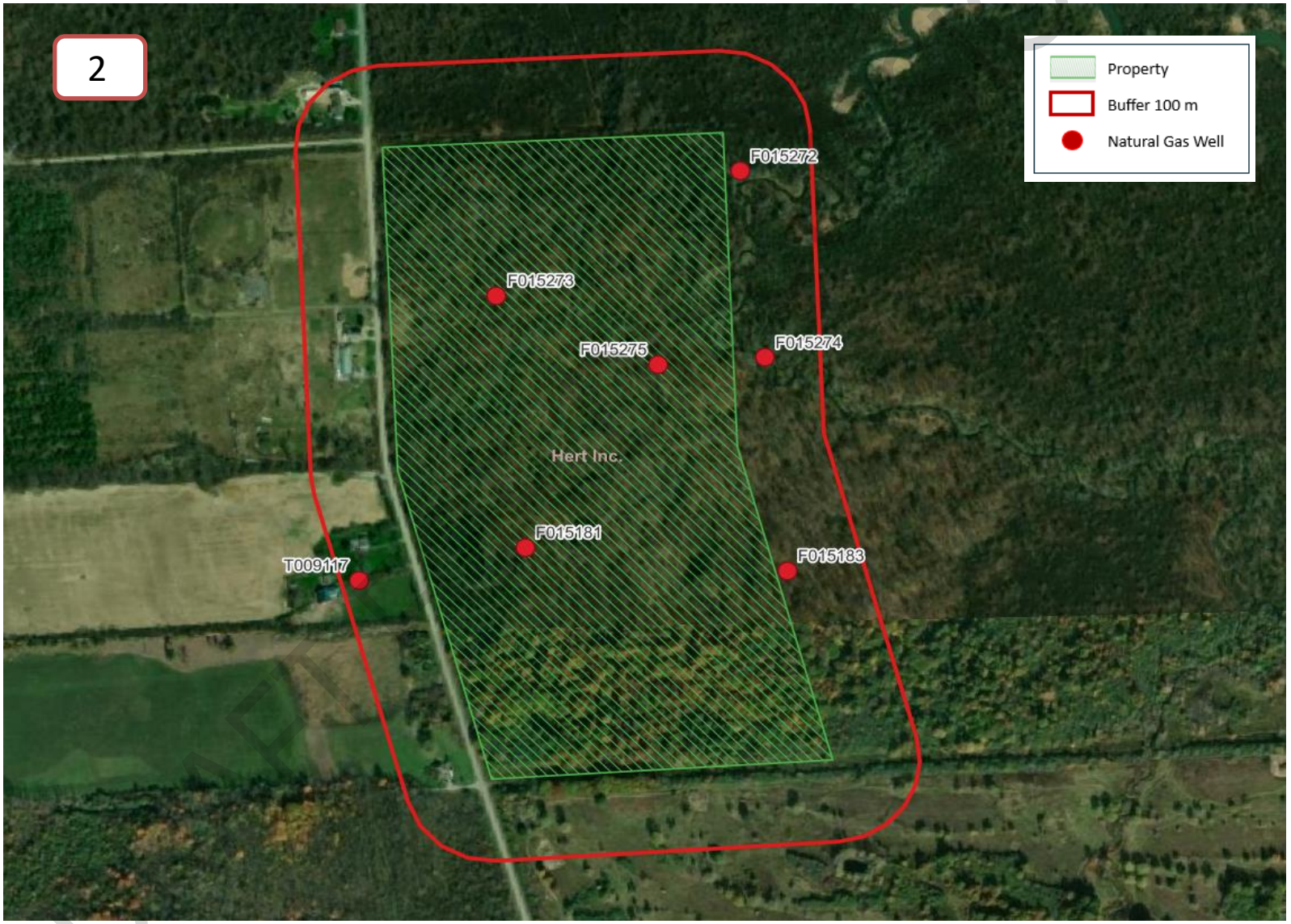


Photograph No. 11: Casing at ground level with two T-poles embedded inside

**Gas Well located not at property#1 but within 100 m radius.*

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GAS WELLS OF HERT INC. (PROPERTY #2)



DRAFT

Gas Well F015273 (Not Found)



Photograph No. 12: Buried metallic drum with unknown contents and signs of corrosion at coordinates (667855E, 4756199N), within 50 m of the OGSRL coordinates





Photograph No. 13 & 14: Forest area where the well is located, south (left) and north (right) views

PRELIMINARY

Gas Well F015275 (Not Found)



Photograph No. 15: Forest area where the well is located, north view



Photograph No. 16: Forest area where the well is located, south view



Photograph No. 17: Forest area where the well is located, west view



Photograph No. 18: Forest area where the well is located, east view

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Possible Well T009117*



Photograph No. 19: Active well with pumpjack observed, west view. No access to this private site.

**Gas Well located not at property#2, but within 100 m radius*

DRAFT

Gas Well F015272* (Not Found)



Photograph No. 7: Frenchman's Creek. Northwestern corner of Property #5.



Photograph No. 8: Metal T-poles observed in the bank of Frenchman's Creek, within 50m of the OGSRL coordinates

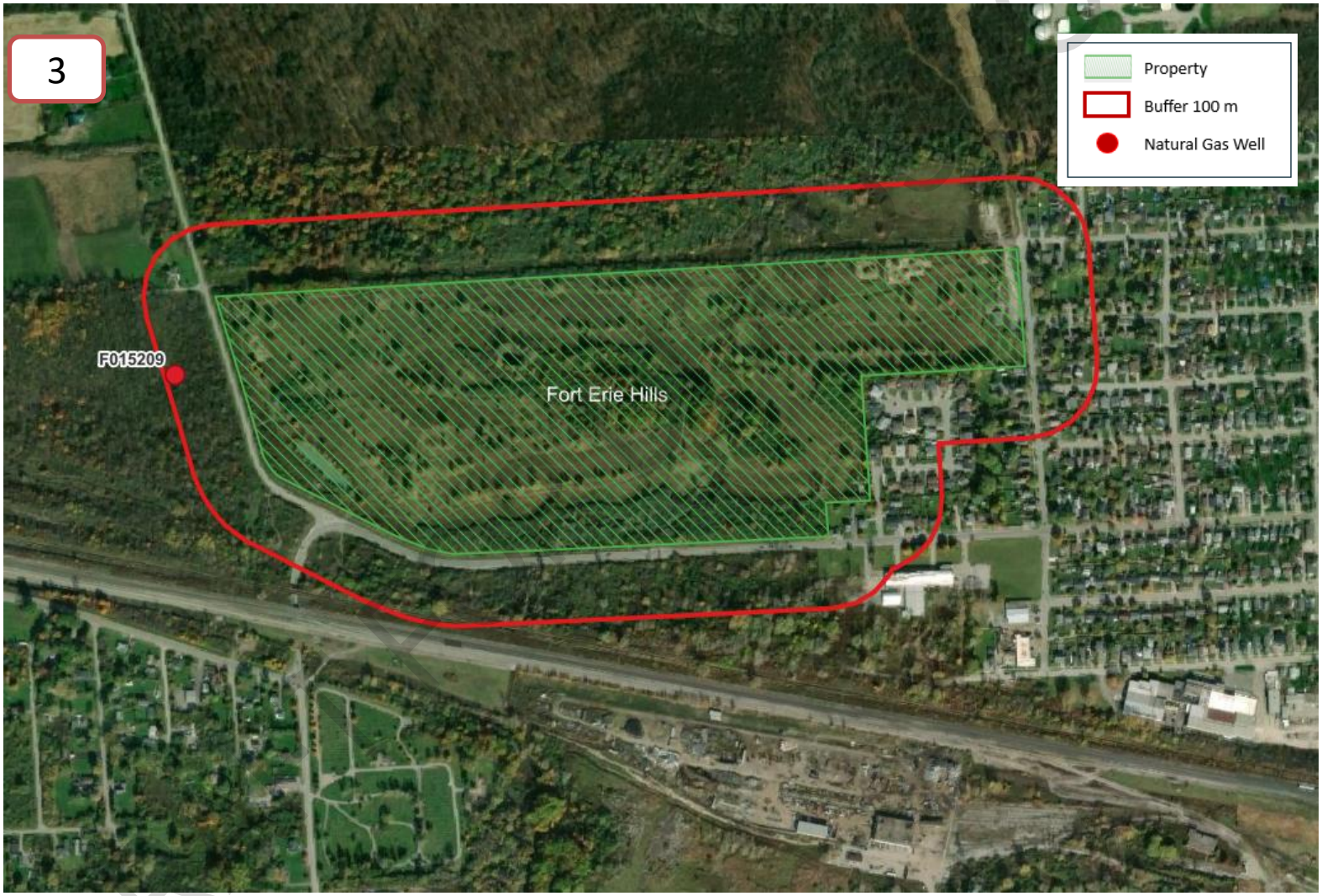


Photograph No. 9: Forest adjacent to Frenchman's Creek, north view

**Gas Well located not at property#2 but within 100 m radius.*

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GAS WELLS OF FORT ERIE HILLS (PROPERTY #3)



DRAFT

Gas Well F015209*
No Access to Private Property

**Gas Well located not at property#3, but within 100 m radius*

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GAS WELLS OF FCBB LANDS INC. (PROPERTY #4)



DISCUSSION

Possible Gas Well F015131



Photograph No. 10: Casing located at the entrance of the forest, adjacent to the agricultural field, south view



Photograph No. 11: Casing at ground level with two T-poles embedded inside

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Possible Well F015130



Photograph No. 15: A concrete slab with unknown contents beneath it, potentially connected to a broken metallic pipeline, was found in the area.



Photograph No. 16: A metallic pipeline was found showing signs of corrosion

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Gas Well F015101 (Not Found)



Photograph No. 15: Forest area where the well is located, north view



Photograph No. 16: Forest area where the well is located, south view



Photograph No. 17: Forest area where the well is located, west view



Photograph No. 18: Forest area where the well is located, east view

DRAFT DISCUSSION

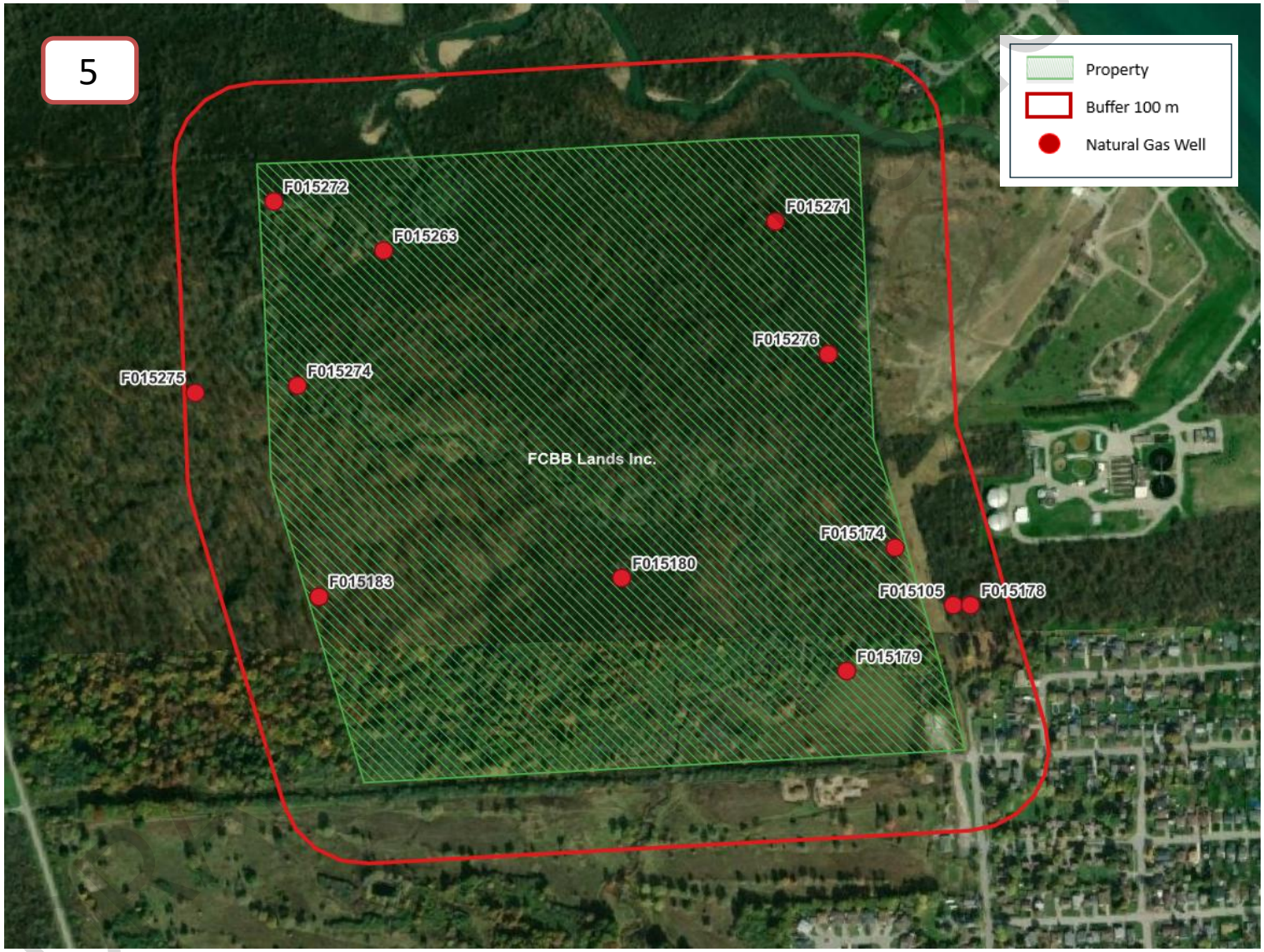
Gas Well F015132* (Not Found)	
	
Photograph No. 15: Within a residential property, north view	**Photograph No. 16:** Within a residential property, north view, south view
	
Photograph No. 17: Within a residential property, north view, west view	**Photograph No. 18:** Within a residential property, north view, east view

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Gas Well F015558* (Not Found)	
	
Photograph No. 15: Within a residential properties, north view	**Photograph No. 16:** Within a residential property, south view
	
Photograph No. 17: Within a residential property, west view	**Photograph No. 18:** Within a residential property, east view

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GAS WELLS OF FCBB LANDS INC. (PROPERTY #5)



DRAFT

Gas Well F01563	
	
	

Photograph No. 9: Deteriorated wellhead casing with signs of corrosion and staining, located at the back of the Frenchman Creek. Surface and intermediate casings were observed

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Gas Well F015272 (Not Found)



Photograph No. 7: Frenchman's Creek. Northwestern corner of Property #5.



Photograph No. 8: Metal T-poles observed in the bank of Frenchman's Creek, within 50 m of the OGSRL coordinates



Photograph No. 9: Forest adjacent to Frenchman's Creek, north view

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Gas Well F015174 (Not Found)



Photograph No. 15: Forest area where the well is located, north view



Photograph No. 16: Forest area where the well is located, south view



Photograph No. 17: Forest area where the well is located, west view



Photograph No. 18: Forest area where the well is located, east view

DRAFT DISCUSSION

Gas Well F015276 (Not Found)



Photograph No. 15: Forest area where the well is located, north view



Photograph No. 16: Forest area where the well is located, south view



Photograph No. 17: Forest area where the well is located, west view



Photograph No. 18: Forest area where the well is located, east view

DRAFT DISCUSSION

Gas Well F015178*
No Access to Private Property

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Gas Well F015105*
No Access to Private Property

DRAFT FOR DISCUSSION

Gas Well F015275* (Not Found)



Photograph No. 15: Forest area where the well is located, north view



Photograph No. 16: Forest area where the well is located, south view



Photograph No. 17: Forest area where the well is located, west view



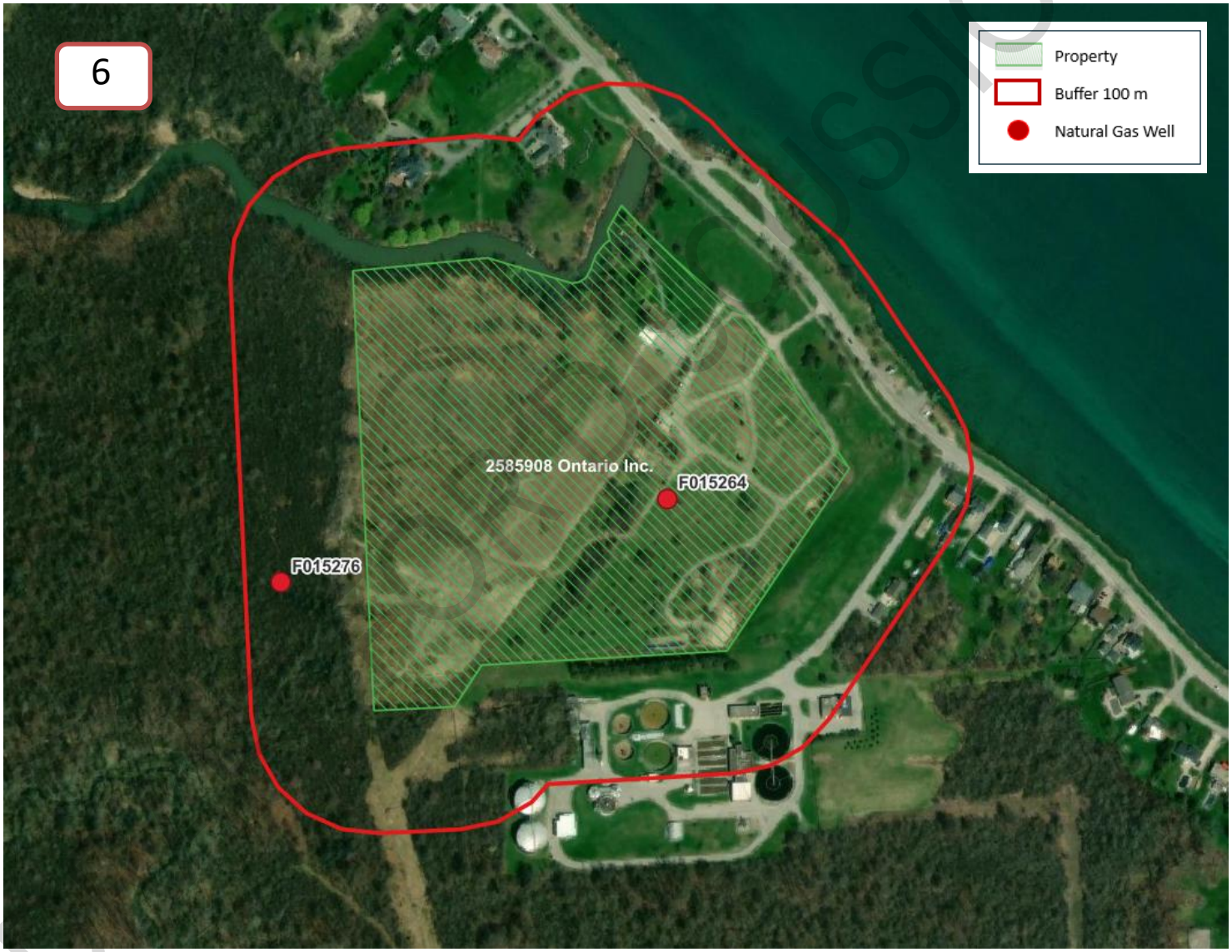
Photograph No. 18: Forest area where the well is located, east view

DRAFT FOR DISCUSSION

Unknown*	
	
Photograph No. 17: Presumed Gas well found. (coordinates: 668971, -4755747), adjacent to west side of Property#5.	**Photograph No. 18:** Visible casing containing liquid substance inside it, signs of corrosion (Potential Gas Well F015174, within 50m of the OGSRL coordinates)

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GAS WELL OF 2585908 ONTARIO INC. (PROPERTY #6)



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Gas Well F015264 (Not Found)



Photograph No. 17: Presumed Gas well found. (coordinates: 668971, -4755747), adjacent to west side of Property #5.

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