Phase One Environmental Site Assessment
547 King Street, Port Colborne, ON

Project Location:
547 King Street
Port Colborne, ON
L3K 4H5

Prepared For:
1000395289 Ontario Inc.
547 King Street
Port Colborne, ON
L3K 4H5

NIAGARA SOILS SOLUTIONS LTD.

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Date: September 30, 2025
NSSL File No.: NS25101-01

EXECUTIVE SUMMARY

Niagara Soils Solutions Ltd. (NSSL) was retained by Drew Toth, Director of 1000395289 Ontario Inc. under purchase order #547 King–04, signed August 18, 2025 to conduct a Phase One Environmental Site Assessment (ESA) of the property located on the east side of King Street with the municipal address of #547 King Street, Port Colborne, ON (herein referred to as the "Phase One Property" or the "Site). It is understood that the Phase One ESA is being requested to support an update to Municipal Property Assessment Corporations (MPACs) documented classification of property use. All work will be completed in accordance with Ontario Regulation (O. Reg) 153/04 (as amended) standards.

The Phase One ESA covers approximately 0.8 hectares supporting a single two-storey residential dwelling. A shared laneway, for rear access, is along the southern border of the Site. The building is typical of a prosperous residential brick façade dwelling of the early 1900's era. From the mid-2000s, there is evidence, Google Maps – Street View (2007/09/12), that commercial activity occurred on the Site, under the name of: "English Roots, Hair Design". During the site visit, it was evident that the house had recently been used as multi-residential and was vacant at the time. The 1921 air photo reflects the building prior to the addition, which is estimated to have occurred sometime during the 1950s. The property is situated on the east side of King Street with vacant land adjacent to both the south and east. The Welland Canal is approximately 71 m to the east. According to Niagara Navigator, the Phase One Property is classified as "Retail use converted from house" with a tax roll number of 271103002905500 and supporting an estimated building footprint of approximately 219 m^2. The closest major intersection is King Street and Killaly Street West to the south by approximately 106 m. Surrounding land use includes residential, community and commercial.

The Phase One ESA identified twenty PCAs that resulted in two on-site APECs.

Off-site

Vacant Land to the East of the Site (~ 20 m east)

PCA-1/APEC-1: # 30. Importation of Fill of Unknown Quality.

As there have been several changes to the canal's watercourse since its original construction, this material, if excavated from the canal's redevelopment, may have encroached upon the subject site. Therefore, generating a PCA and an APEC.

PCA-2/APEC-2: # Other. Coal Storage.

The 1934 fire insurance plan indicates coal storage at this location. The placement of the coal material may have infringed upon the Site potentially impacting the Site's soil. This results in an APEC.

PCA-3: #46. Railyards, Tracks and Spurs.

Aerial photographs dating back to 1954 and the recent Site visit confirm the presence of a railway running from north to south along the Welland Canal to the east. Based on this activity being at the directly

adjacent property to the Site, a PCA is considered here. However, due to its distance (approximately 50 m) and the inferred groundwater flow direction to the east, it would not be considered an on-site APEC.

417 King Street

PCA-4: #27. Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.

PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks

PCA-6: #59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products.

PCA-7: #46 Railyards, Tracks and Spurs

The 1953 Fire Insurance Plan and historical aerial photographs show that this property, east side of King Street and south of Killaly Street West, was used as a lumber yard, which was serviced by the Canadian National Railway (CNR) along its southern border and an additional siding, running north/south, along its eastern border. The ERIS database search identified two records for retail fuel tanks. The Vernon's directory records show the historical activity of a lumber yard (Beaver Lumber), PC Disposal Plant (1946) and Pumping Station (1985) and a marine-based operation (Port Colborne Marine) at this location. However, the West Side Sewage Treatment Plant is shown in the 1965 air photo to be farther south and now identified to be in the area of 401 King Street, outside of the 250m study area. Based on the findings, these are PCAs that would not result in an APEC due to the distance from the Site.

572 King Street

PCA-8: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-9: #28. Gasoline and Associated Products Storage in Fixed Tanks.

The 1953 FIP indicated that there were two USTs on Minto Street at the corner of King Street, approximately 42 m to the northwest. These are PCAs, but due to the groundwater flow direction, they would not impact the soil and groundwater at the Site.

2 Killay Street West

PCA-10: #Other. Waste Generation

PCA-11: #39. Paints Manufacturing, Processing and Bulk Storage.

As described in the Ecolog ERIS report, under the company names of Port Colborne Warehousing Ltd. and GE Water and Process Technologies, this location generated wastes from the following waste classes: 252 - WASTE OILS & LUBRICANTS; 251-OIL SKIMMINGS & SLUDGES; 268- AMINES; 148 - INORGANIC LABORATORY CHEMICALS; 113 - ACID WASTE - OTHER METALS; 122 - ALKALINE WASTES - OTHER METALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263-ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 135-REACTIVE ANION WASTES and 221-LIGHT FUELS. Any Contaminants of potential concern (COPCs) associated with these PCAs would not impact the Site due to distance.

40-44 Killay Street West

PCA-12: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-13: #28. Gasoline and Associated Products Storage in Fixed Tanks.

Historical records (1953 FIP) indicate that there were three USTs located in the Used Car parking lot between the two garages at this location. A Vernon's record noted Ruston's Auto Parts in 2007/08. These are PCAs, but due to the distance from the Site, would not trigger any APECs.

511 King Street

PCA-14: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-15: #28. Gasoline and Associated Products Storage in Fixed Tanks.

PCA-16: #50. Soap and Detergent Manufacturing, Processing and Bulk Storage.

The 1953 FIP, Sheet 29, reveals that a Garage & Repair Shop, with two storage tanks on the west side of the repair facility, was located at 511 King Street (north of Killaly Street West). The Vernon's directory search revealed the presence of a car wash in this location, which is also a PCA. Based on the distance from the Site and inferred groundwater flow, which is easterly, these PCAs would not result in an on-site APEC.

517 King Street

PCA-17: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-18: #28. Gasoline and Associated Products Storage in Fixed Tanks.

A Garage and Repair Shop, with three associated storage tanks on the west side of the building, was located on 517 King Street, as noted in Port Colborne 1953 Firemap 29. Any COPCs associated with these PCAs would not impact the groundwater at the Site due to the distance and inferred groundwater flow direction.

Government Canals and Locks (On Island -East of Site)

PCA-19: #44. Port Activities, including Operation and Maintenance of Wharves and Docks.

Aerial photographs dating from 1934 to 2023 show that the Welland Canal is still used for shipping, with docking and storage facilities, as well as cargo loading along the western side. Based on the location of the docks on the island and distance from the Site (187 m east), this PCA would not impact the soil or groundwater on-site.

388 King Street

PCA-20: #37. Operation of Dry-Cleaning Equipment (where chemicals are used)

According to the Ecolog ERIS, a dry cleaner is located at 388 King Street, situated south of the Site. Based

on distance from the Site, any associated COPCs would not impact the groundwater at the Site due to the inferred groundwater direction being to the east.

CONCLUSIONS

The Phase One ESA identified 20 PCAs, which resulted in two on-site APECs. As such, a Phase Two ESA investigation is required to confirm the presence or absence of potential contaminants of concern associated with the historic coal pile and fill material.

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LIST OF ABBREVIATIONS

APEC	Area of Potential Environmental Concern
As, Se, Sb	Arsenic, Selenium, Antimony
AST	Above ground Storage Tank
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
B-HWS	Boron- Hot Water Soluble
CSM	Conceptual Site Model
EC	Electrical Conductivity
ERIS	Environmental Risk Information services
ESA	Environmental Site Assessment
FIP	Fire Insurance Plan
GEN	Ontario Regulation 347 Waste Generators Summary
MECP	Ministry of the Environment, Conservation and Parks MNRF
NSSL	Niagara Soils Solutions Ltd
UST	Underground Storage Tank
PAHs	Polycyclic Aromatic Hydrocarbons
PCA	Potentially Contaminating Activity
PHCs	Petroleum Hydrocarbons
SAR	Sodium Absorption Ratio
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 Phase One Property Information

Niagara Soils Solutions Ltd. (NSSL) was retained by Drew Toth, Director of 1000395289 Ontario Inc. under purchase order #547 King–04, signed August 18, 2025 to conduct a Phase One Environmental Site Assessment (ESA) of the property located on the east side of King Street with the municipal address of #547 King Street, Port Colborne, ON (herein referred to as the "Phase One Property" or the "Site). It is understood that the Phase One ESA is being requested to support an update to Municipal Property Assessment Corporations (MPACs) documented classification of property use. All work will be completed in accordance with Ontario Regulation (O. Reg) 153/04 (as amended) standards. The Site location is shown in Figure 1.

The municipal and legal descriptions of the subject property included in the Phase One ESA are stated as Pin: 64149-0047 (LT), PT LT 9 PL 769 HUMBERSTONE; PT LT 10 PL 769 HUMBEERSTONE AS IN R0359513; PORT COLBORNE with the current owner registered as: Sandor Drew Toth. Appendix A contains a copy of the Service Ontario Parcel Registration as well as the Mackenzie Title chain research. Authorization to proceed with the Phase One ESA was received from Drew Toth, with the following contact information:

1000395289 Ontario Inc.
547 King Street
Port Colborne, ON L3K 4H5

The Phase One ESA covers approximately 0.8 hectares supporting a single two-storey residential dwelling. A shared laneway, for rear access, is along the southern border of the Site. The building is typical of a prosperous residential brick façade dwelling of the early 1900's era. From the mid 2000s, there is evidence, Google Maps – Street View (2007/09/12), that commercial activity occurred on the Site, under the name of: "English Roots, Hair Design". During the site visit, it was evident that the house had recently been used as multi-residential and was vacant at the time. The 1921 air photo reflects the building prior to the addition, which is estimated to have occurred sometime during the 1950s. The property is situated on the east side of King Street with vacant land adjacent to both the south and east. The Welland Canal is approximately 71 m to the east. According to Niagara Navigator, the Phase One Property is classified as "Retail use converted from house" with a tax roll number of 271103002905500 and supporting an estimated building footprint of approximately 219 m^2. The closest major intersection is King Street and Killaly Street West to the south by approximately 106 m. Surrounding land use includes residential, community and commercial.

2.0 SCOPE OF INVESTIGATION

The Phase One ESA was completed in accordance with O. Reg. 153/04, as amended. The purpose of the Phase One ESA was to identify evidence of actual or potential contamination on the Site based on an evaluation of information collected through records review, site visit, and interview. The scope of work for the Phase One ESA included the following:

- Review of available environmental reports pertinent to the Site and surrounding lands.
- Review of municipal directory records related to the Site and surrounding lands (where available).
- Review of Chain-of-Title information.
- Review of physical setting information, including aerial photographs, fire insurance plans (FIPs), 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 environmental source information, including published online records from the Ministry of the Environment, Conservation and Parks (MECP) and Ministry of Natural Resources and Forestry (MNRF).
- Site reconnaissance to observe Phase One Property and surrounding lands.
- Interview with key persons knowledgeable about the current and historical operations of the Site.
- Preparation of a photographic log of the Site Reconnaissance.
- Preparation of a summary report of findings and recommendations.
- Assessment of information to illustrate the Site location and limits, the surrounding lands, Potentially Contaminating Activities (PCAs), and Areas of Potential Environmental Concern (APECs) on the Phase One Property.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One study area includes properties located wholly or partially within 250 m of the nearest point on a boundary of the Phase One property. At this time, no other properties located beyond 250 m of the Site were considered relevant to the Phase One ESA. The study area is illustrated in Figure 1.

3.1.2 First Developed Use Determination

Ontario Regulation (O. Reg.) 153/04 22. (1) defines first developed land use as the earlier of (a) the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, and (b) the first potentially contaminating use or activity on the Phase One Property". The 1934 aerial photograph depicts the Site as being developed. Based on the configuration of the Phase One Property, supporting land ownership records, and researched information, it is inferred that the Site was developed prior to 1934 for residential purposes. The property is listed under the Port Colborne Heritage Registry, where it is noted that the house was built around 1905.

3.1.3 Fire Insurance Plans

Opta Historical Environmental Services was contracted via EcoLog ERIS to conduct a search of the available historical FIPS, copies provided within Appendix C, and records for information about the Phase One Property and surrounding study area. Nine records within the study area, dated 1914, 1939 and 1953, were provided to NSSL for review.

1914 Volume: Ontario Miscellaneous Firemap: 1: The Site is referenced by ERIS with their location icon on this report; however, there are no indications of any buildings in that area, only south of Killaly Street.

1914 Volume: Ontario Miscellaneous Firemap: 8: This sheet does not include the Site. The area covered is the west side of King Street to Elm Street and the neighbourhoods of Delhi, Elgin and Princess Streets. No environmentally significant items are noted here.

1939 Volume: HUMBERSTONE Firemap: 4: This sheet covers the majority of the study area, including the Site. It is noted in this view, that the Village limits for the Town of Port Colborne end at Killaly Street. To the east of the subject Site, adjacent, there is a notation for, "Coal Piled", which is also seen in the 1934 air photo. Two garages and repair buildings with five underground storage tanks (USTs) are noted on the northeast corner of King and Killaly Streets. There is also a "Garage" noted at the north adjacent property.

1939 Volume: HUMBERSTONE Firemap: 7: This sheet covers a small portion of the study area to the west. Within the study area and the block due west of the Site, are the Port Colborne Athletic Club, Port Colborne Dairy and the Pentecostal Tabernacle. The Erie Shoe Company is recorded to be on the south side of Union Street, west of Erie Street; however, just outside of the study area.

1953 Volume: Port Colborne Firemap: 8: This sheet covers the area south of Killaly Street West and west of Catharine Street to Fielden Avenue. Notable records here are the Lyons Club Athletic Field, Royal Canadian Sea Cadets, Brewers Warehouse, Ice Plant, three sidings for the Canadian National Railway and Electric Railway, and E.T. White Coal Yard, all of which are outside of the study area.

1953 Volume: Port Colborne Firemap: 9: This sheet covers the area west of the Canal to the west side of Princess Street and areas south of Killaly Street West to Elgin Street. Within this block, there are several activities noted pertaining to the transfer of materials via rail to the Canada Cement Company (coal, cement) and Beaver Lumber (lumber & supplies). Two "Garages" are noted along the south side of Killaly Street West, with three USTs within the "Used Car Lot" area. Beyond the 250 m study area are notations for the West Side Sewage Disposal Plant (Settling Tanks), shown along the south side of Keefer Street and four USTs for a gasoline service station on the east side of King Street between Keefer and Grant Streets.

1953 Volume: Port Colborne Firemap: 27: This sheet is predominantly outside of the study area. No records noted are considered to environmentally impact the Site.

1953 Volume: Port Colborne Firemap: 28: This sheet portrays the study area to the north, specifically properties north of Union Street, which is approximately 197 m from the Site. The only commercial activity noted in this area is a frozen food locker area on the east side of King Street, north of Union Street. None of the activities noted within this 53 m study area radius would trigger an APEC to the Site.

1953 Volume: Port Colborne Firemap: 29: The study site is illustrated, and it appears to have three buildings on the lot. One building, facing King Street, is noted to be a dwelling with a brick façade and wood construction, a second smaller building in the rear is noted as 547B "upholstering" and a third building at the northeast corner of the Site, which is an auto garage for parking, also identified as 547B. The north adjacent property is recorded as a "Garage". At the northwest corner of King Street and Minto Street, there is an additional "Garage" noted with two USTs (underground storage tanks). To the south of the subject site, there is an additional "Garage", on the northeast corner of King Street and Killaly Street West, recording five underground storage tanks.

3.1.4 Chain of Title

Mackenzie Title was engaged by NSSL to complete a historical property ownership search for the Site. The research returned the Chain of Title for the Site dating back to 1802 when the parcel of land was registered to John Neave. This parcel recorded private individual ownerships right through until today where Sandor Drew Toth is listed as the current owner. Names such as John Neave, John, Peter and Jacob Neff, Owen Fares and William Ellsworth are all noted within the 1800's. A break in the chain results in the next notation via a grant, from Roy Ellsworth, deceased (Sep 6, 1958), Marietta Ellsworth deceased (Nov 21, 1964) to surviving Executrix, Irene Cuthbert and Stephen Cuthbert in March of 1965. In November 1970 the property registration changes to Eldrid Smith, Simone Smith (Mortgage to Canadian Imperial Bank of Commerce). There are two

registrations from 1980, Wolfgang and Rosemarie Wagner to 2006 Joseph & Joanna Ujfalussy. The final and current owner is Sandor Drew Toth.

The Current parcel register for the property was obtained from Teranet Express through MacKenzie Title. The document covers the period from 1980 to the present day and provides information with regards to charges and transfers relating to this parcel. A copy of the property ownership records, and title search are included in Appendix A.

3.1.5 Vernon's City Directories

Niagara Soils Solutions Ltd. conducted a search of historical Vernon's City Directories for the Site and properties within the study area to determine chronicled property land use. Historical city directories generally document the occupants of municipal addresses annually.

Table 1: Key findings of Vernon's Directory Search

Municipal Address	Date	Occupant	Location in Relation to Site
547 King Street	1946	No record for #547.	**SITE**
	1967	Harris, D.L.; Bush, Cedric	
	1985	Ultra Chic Beauty Salon; Wagner, W.	
	2007/08	Ujsalussy, J.	
555 King Street	1946	No record	North adjacent
	1967	No record	
	1985	No record	
	2007/08	No record	
518, 524, 530, 538, 548, 550, 556 King Street	1946	No records	West of Site (Across Street)
	1967	Residential or phys. offices	
	1985	Residential or phys./lwyrs. offices	
	2007/08	Residential or phys. offices	
537 King Street	1946	No record for #537	~8m South (Adjacent to shared laneway)
	1967	Gobel, Jos.	
	1985	Horne, W.	
	2007/08	Roesch, R.	
572-574 King Street	1946	No record for #572-74.	~44m Northwest
	1967	Midtown Auto Supply	
	1985	Drago Slat Auto Repair & Used Car Dlr./The Lock Centre	
	2007/08	Reg. Equipment	

Municipal Address	Date	Occupant	Location in Relation to Site
569 King Street	1946	No record for #569.	~48m North
	1967	Midtown Barbershop; White's Gen. Ins. Agcy.	
	1985	White's AB & JL Ins. Brkr. Ltd.	
	2007/08	Vacant	
517 King Street	1946	No record for #517.	~64m South
	1967	Janzen-Hambrock Mtrs. Ltd.	
	1985	Raffi Take Out and dining Lounge	
	2007/08	Ponta Roma Ristorante	
511 King Street	1946	No record for #511.	~85m South
	1967	No record for #511	
	1985	Smith's Big Bubble & Car Wash/Arlies Florist & Gift Shop	
	2007/08	Arlies Florist & Gift Shop/Smith, W,/Sears Canada	
417 King Street	1946	PC Disposal Plant	~125m South
	1967	Beaver Lumber	
	1985	West Side Pumping Station, Factory Shoe Store	
	2007/08	Port Colborne Marine	
432 King Street	1946	Chevrolet Sales & Service; Oldsmobile Sales & Service; Storey, R.J.-Garage	~127m southwest
	1967	Not listed	
	1985	Regional Equipment; Vic's Septic Service; B&D Maintenance	
	2007/08	Bridgeview Auto Repair	
40-44 Killaly Street	1946	No record	~144m Southwest
	1967		
	1985	Vacant	
	2007/08	Ruston's Auto Parts	
422 King Street	1946	Masonic Temple	~145m southwest

3.1.6 Environmental Reports

No previous environmental reports concerning the Site were made available for review.

3.2 Environmental Source Information

3.2.1 Environmental Risk Information Services

Environmental Risk Information Services (ERIS) was contracted to search for available government and private records and databases for information about the Phase One Property and surrounding study area. The research resulted in the report of 110 records. A summary of the report's key findings is presented below in Table 2. This report also provided details of 40 unplottable records that may pertain to the subject area. Of note, there were eight items for Certificates of Approval for the City of Port Colborne, Region of Niagara and Al Kirkness. There were 15 records for water well information systems (WWIS) for both domestic and monitoring purposes. An additional eight waste generation (GEN) records for Imperial Oil for light fuels, waste oils/sludges, oil skimmings & sludges and one record for the Port Colborne Landfill (Elm St.) for pathological and organic wastes were noted. The four spill (SPL) records pertained to spills at the Elm Street landfill, the Shell Canada bulk plant on King Street and the sanitary sewer system at the end of Union Street, next to the canal. None of these records are suspected of having an environmental impact on the subject Site due to their location and the nature of the record type. A copy of the full report is provided in Appendix B.

Table 2: Key findings of ECOLOG ERIS

Municipal Address	Property relationship to Site	Database Record, a brief description
355 King Street	W/22.1	**U.A.P Inc.** ***Three (3) GEN*:** Alkaline wastes – other metals, Halogenated solvents, Emulsified oils.
569 King Street	N/49.2	***Gateway Residential and Community Support Services of Niagara Inc.*** ***Two (2) RSC:*** #84319 – Filed Aug 19, 2010; #93111-Filed Jan 26, 2011 (Both Ph I & II) *Pre-2011* ***Earl Henderson*** ***One (1) GEN – PCBs*** (Likely due to historical light ballasts. No analysis for COC for this within the RSC filings)
518 King Street	SW/90.14	***Enbridge Gas Distribution*** ***One (1) SPL:*** 2014-natural gas ***Samuel Morrison Sinclair*** ***One (1) PINC:*** 2014-pipeline damage
590 King Street	NW/112.82	***HUMBERSTONE CUT STONE & MONUMENT*** ***One (1) SCT:*** Durable Goods, Not elsewhere classified
Unknown	E/144.13	***One (1) OOGW:*** #F014589: 1931 Dominion Natural Gas - Abandoned
432 King Street	SSW/148.08	***One (1) PINC:*** Incident Reported Dt: 7/21/2015, Type: FS-Pipeline Incident. ***One (1) SPL:*** Incident Dt: 7/20/2015, Incident Reason: Operator/Human Error, Incident Summary: TSSA: strike on 1 inch gas main, made safe.

Municipal Address	Property relationship to Site	Database Record, a brief description
2 Killaly Street West	SSE/151.04	**Port Colborne Warehousing Ltd.** ***Thirteen (13) GEN:*** Paint/Pigment/Coating residues, Inorganic laboratory chemicals, light fuels, waste oils and lubricants, Oil skimming's and sludges, Acid wastes – other metals, Alkaline wastes – other metals, Amines. ***One (1) SCT:*** Chemical except agricultural and Allied Product Wholesaler-Distributor **GE Water and Process Technologies** ***One (1) GEN:*** Alkaline wastes – other metals, Reactive Anion Wastes, Amines.
12 Erie Street	WSW/169.58	***2155025 Ontario Inc.*** ***One (1) GEN:*** Light Fuels ***One (1) RSC:*** Filed Feb 13, 2009, #46714 *(Phase 1 & 2 ESA)*
409 Catherine Street	SW/180.89	***Seven (7) WWIS:*** 2015 Monitoring/Abandoned
40-44 Killaly Street West	SW/186.16	***One EHS:*** 03/06/2009, Site Report **491374 Ontario Ltd** ***One (1) GEN:*** Petroleum distillates, Wastes oils and lubricants. **Regional Equipment Centre** ***One (1) GEN:*** Petroleum distillates, Wastes oils and lubricants. ***One (1) SPL:*** MOE Reported Dt: 9/6/2008, Incident Reason: Vandalism - Illegal/deliberate (incl. sabotage), Incident Summary: Killaly St. W - 1L solvent to grnd. **City of Port Colborne** ***Thirteen (13) GEN:*** Other specified inorganics, Waste oils and lubricants, Other specified inorganic sludges, slurries or solids, Waste oils/sludges (petroleum based), Waste crankcase oils and lubricants.
417 King Street	S/186.97	***West Shore Marine*** ***Two (2) RST:*** Retail Fuel Storage Outlet
Port Colborne Maintenance Centre	ESE/209.06	***One (1) FRST:*** Port Colborne Maintenance Centre, Double-Wall 4540L Diesel Tank for Small Equipment, PCo-01; DTE
57 Minto Street	WNW/220.39	***One (1) WWIS:*** 2013 ***One (1) EHS:*** Standard Report, 2013 ***Niagara Peninsula Housing*** ***One (1) RSC:*** #222684 Filed Nov 8, 2016 (Ph I & II)
402 King Street	SSW/222.76	***One (1) SPL:*** Incident Dt: 3/4/2015, Contaminant Name: NATURAL GAS (METHANE), Incident Summary: TSSA FSB: 1/2 pl line strike by backhoe; made safe. ***One (1) PINC:*** Incident Reported Dt: 3/5/2015, Tank Status: Not Investigated, Customer Acct Name: PIPELINE HIT - 1/2".
517 – 529 Elm Street	W/232.98	***One (1) EHS:*** 2008, Custom Report
388 King Street	S/247.95	**Lightheart Cleaners Inc** ***Three (3) GEN:*** Halogenated solvents.

DTNK = Delisted Fuel Tanks, EXP = List of Expired Fuels Safety Facilities, EHS: Eris Historical Search, FRST= Federal Identification Registry for Storage Tank Systems, GEN = Ontario Regulation 347 Waste Generators Summary, OOGW=Ontario Oil & Gas, PINC = Pipeline Incidents, PRT = Private and Retail Fuel Storage Tanks, RSC=Record of Site Condition, SPL = Ontario Spills, SCT=Scotts Manufacturing Directory, WWIS=Water Well Information System

3.2.2 Insurance Reports

Niagara Soils Solutions Ltd. contacted ERIS Enviroscan to conduct a search of Insurance Reports on the Phase One Property; however, no reports were available for review.

3.2.3 Other Environmental Sources

Niagara Soils Solutions Ltd. reviewed additional environmental resources for information about the Phase One Property. Table 3 below details any findings.

Table 3: Findings from other Environmental Sources

Source	Phase One Site Details
Environmental Incidents, Orders, Offences, Spills and Discharges	No records.
Environmental Registry of Ontario	No records.
Federal Contaminated Sites and Solid Waste Landfills Inventory	No records.
Hazardous Waste Information Network	No records.
Inventory of Coal Gasification Plants	No records.
Inventory of Industrial Sites Producing or Using Coal Tar in Ontario	No records.
Ministry of Natural Resources (MNR)	No records.
National Pollutant Release Inventory	No records.
PCB Waste Storage Inventory	No records.
Record of Site Condition (RSC)/ Brownfields Environmental Registry	No records.
Reports submitted to the MECP (Freedom of Information)	A formal request was submitted on August 27th, 2025. A confirmation email was received referencing the file # 20250827095052707. A confirmation letter was received September 26, 2025 indicating that there were no records found within the database.
TSSA Retail Fuel Storage Tank Info	A request was submitted to the Technical Safety and Standards Authority (TSSA) for information concerning fueling systems (Underground Storage Tanks, Above Ground Storage Tanks, etc.). Email correspondence from TSSA dated August 26, 2025, indicated, “NO RECORD FOUND IN CURRENT DATABASE”.
Waste Disposal Site Inventory	No records.
Waste Management Records	No records.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs were reviewed for information about the Phase One Property and study area. The photographs were obtained through the Niagara Air Photo Index interactive database at Brock University as

well as Google Earth. The earliest available aerial image for review dates back to 1934. A review of the selected aerial photographs, based on scale and quality, is presented in Table 4. Images are provided in Appendix D.

Table 4: Review of the Selected Aerial Photographs

Date	Phase One Site	Study Area
1921	This aerial photograph depicts the Site as having potentially two buildings on site – a house with possibly an associated barn in the back.	The adjacent property to the north appears as if it may be part of the Site activities, with barn-type structures, both small and large. The surrounding study area is shown to be built up with dwellings to the north and south; however, it is still very much a rural-type community. The west side of King Street also appears to have had some residential development. The Welland Canal can be seen in this view. There are no bridges or crossings evident here. The property to the east of the Site appears vacant with trees and grasses. No rail line along the canal is visible in this view.
1934	The house and secondary structure are still evident. No other significant changes are visible in this view.	There is a large stockpile of material along the west side of the Canal, which can be presumed to be imported materials waiting to be transported via rail to the Canada Cement plant, west of the Site. The 1939 FIP references this location to support a “coal pile”. Ships can be seen stationed along the new Welland Canal embankment in this view. The surrounding area is undergoing continued development.
1954-55	The quality of this photo is not clear. There does not appear to be any significant changes to the Site.	The stockpile of material, noted in the 1934 view, is gone. This specific area appears to no longer be used by the shipping industry. The study area shows considerable increased development. Activities relating to receiving and shipping materials along the canal have increased with industrial development within the region, post-war.
1965	This view appears to show the addition to the main dwelling. A second outbuilding appears along the northern boundary on the east side of the Site.	The area that once housed material stockpiles, adjacent to the east, now appears to be more parkland in nature. There is continued development in the area, as well as more development on the island with structures relating to the shipping industry along the canal.
1971	The Site does not appear to have changed much over the years. What appears to be a building along the south boundary could be the “deck” or possibly the concrete pad found during the Site visit.	The buildings to the north and south, originally thought to be part of the Site activities, have now changed in appearance (possibly repurposed). From the 1967 Vernon’s Directory search, #569 King St., north of the Site, is noted to be Midtown Barber Shop/White’s Gen. Ins. Agcy. The sites to the south appear to be residential – noted as individual names in the Vernon’s records (#521, #537 King St.). No records were found for prior dates. The Welland Canal appears to be ice clogged in this view – possibly an early spring photo.

Date	Phase One Site	Study Area
2000	This view provides an improved look at the Site. The house, fronting King St. shows the addition added to the rear of the building. The second structure is no longer visible in this view. The driveway continues to encircle the south and east side of the Site.	The surrounding area continues to develop. The bridge across the canal from Killaly Street has still not been built. A pathway is evident in this view running north/south along the west bank of the old canal. This was likely the rail bed of the rail line. A small storage shed-type building can be seen adjacent to the subject Site. Again, this view appears to have been taken in the spring, with ice jams within the canal.
2006	No significant changes are noted in this view.	The Killaly Street bridge has been completed, changing the landscape for traffic activity in the area. The storage-type shed seen in the previous view is no longer evident. Another building of this type is now evident just southwest of it. The building south of the Site, not adjacent, now appears to be multi residential and/or commercial with multi vehicle parking in the rear and a larger footprint than previously seen. This lot, known as #521 King St. is noted in the 2007/08 Vernon's Directory as apartments.
2010		The building to the north has changed in shape. The southern section has been demolished and the area around the building appears "cleared". According to 2007-08 Vernon's Directory, this location (#569-King St.) was recorded as "vacant".
2013		There appears to be a "new build" in the location of #569 King St. The area to the east appears to be under management with the changes to the aerial view of surface patterns from the previous photo.
2018	This view provides a better visual of the Site, showing the house with a multi- level roof, addition and deck on the rear, with parking to the south and east.	There is a new shed-type structure close to the previously noted one, east, adjacent to the Site. Since the 2006 view, the volume of stored vehicles (car/boat?) has increased on the property to the south. There is no building adjacent to the north. This lot is now known as #555 King St.
2020	No significant changes are noted in this view.	There is now a structure built on the north adjacent lot. The grounds around it have been landscaped. The large area to the east has been maintained in a park like fashion. The property, south adjacent, has tidied up the area where cars/boats had previously been.
2023	No significant changes are noted in this view. Site appears as it is today – report date.	The neighbourhood is undergoing a surge in redevelopment, and older buildings/structures are being replaced by new ones using the same or similar footprint. There is still a pathway running north/south along the canal in the location of the rail line.

3.3.2 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 2496 and Map 2544, showing the "Bedrock Geology of Southern Ontario", indicated that the native overburden is Glaciolacustrine deposits: silt and clay, minor sand; basin and quiet water deposits underlain by Limestone, dolostone, shale, sandstone, gypsum, salt, which belongs to the Middle Devonian. Depth to unconfined groundwater ranges between 2.4 to 3.0 meters

below ground surface (mbgs), and the confined aquifer is approximately 3.6 mbgs, based on a review of local well records. The estimated depth to bedrock based on the surface and bedrock elevation is approximately 3.0 mbgs.

The Phase One Property land cover is characterized as a mix of a gravel based shared driveway along the south boundary, which veers north just beyond the house footprint and ends at the north property line and the remaining area of the Site is manicured vegetation. As the majority of the site's surface is permeable, limited overland flow would be directed eastwards. Any accumulation of surface water would be directed east to the Welland Canal or west to the catch basins located on King Street. The Site was noted to be relatively flat. The inferred groundwater flow direction in the study area is east, based on a review of the elevations and hydrogeology of the area.

3.3.3 Fill Materials

Fill material was not identified on-site during the Site visit. As shown in an aerial photo from 1934, a stockpile of unknown materials is noted on the property to the east. This stockpile location is adjacent to the Old Welland Canal and was historically used for storing materials shipped through the canal.

3.3.4 Water Bodies and Areas of Natural Significance

The Niagara Peninsula Conservation Authority (NPCA) watershed map indicates that the Phase One study area falls within the Lake Erie North Shore watershed (2,238,631 m^2). Regional groundwater flow is expected to be easterly towards the Welland Canal, which is approximately 230 m east of the Site. The Site is located approximately 1.56 km north of Lake Erie.

The Phase One Property is not located within 30 m of a body of water. Ponded surface water was not encountered during the Site visit. NSSL did not identify any significant features, including provincially significant wetlands, natural heritage features, or Areas of Natural Significance on-site or within the study area. The Site is not considered a sensitive Site based on the definition of O. Reg. 153/04, section 41 (1). This section applies in relation to a property if,

(a) The property is,
  (i) Within an area of natural significance,
  (ii) Includes or is adjacent to an area of natural significance or part of such an area, or applies,
  (iii) Includes land within 30 m of an area of natural significance or part of such an area."

3.3.5 Well Records

The study area is serviced by public water and wastewater services. A review of Ontario Well Records shows there were four well records with depths ranging from 4.5 mbgs to 20.1 mbgs, within the study area. None of them were identified as a domestic well. Well records can contain descriptive information about an area's hydrogeological and geological characteristics. Information from two of the wells identified west of the study area are summarized in Table 5. All records researched as part of the Phase One ESA are provided in Appendix

E.

Table 5: Location and Soil Profile of the Selected Wells

Well ID	Location in Relation to Phase One Property	General Description	Depth From (ft)	Depth To (ft)
6601614 (Drainage)	Southwest (~240 m)	Shelly rock	0	4 (1.2 m)
		Flint	4 (1.2 m)	22 (6.7 m)
		Limestone	22 (6.7 m)	66 (20.11 m)
		Water at 44ft (13.41 m), Sulphur		
7213110	Northwest (~207 m)	Topsoil	0	2 (0.6 m)
		Limestone	2 (0.6 m)	20 (6.1 m)

3.3.6 Site Operating Records

No operating records for the subject property were available for NSSL to review or provide comments.

4.0 INTERVIEW

A questionnaire was provided to Mr. Drew Toth, the owner of the Site, who has nine years of knowledge pertaining to the Site. The returned questionnaire (dated Aug 25, 2025) aimed to gather pertinent facts and historical information regarding the current and previous use of the Site. The following is a summary of its contents:

- 9 years of familiarity (from Jan 2017).
- No knowledge of previous owners/tenants.
- Property was never used as a dry-cleaning site, gas or liquid dispensing facility, garage or industrial use.
- No previous reports or environmental studies have been done.
- Municipal water/sewer services.
- No transformer on Site.
- No fires.
- No fill has been brought to the Site.
- No monitoring wells on site.
- No existing or former buildings on site.
- No additions constructed.
- Gas boiler is the current heat system.
- A wood stove was the former heat system.
- No sumps or water damage in the building.
- No mould, Urea Formaldehyde Foam Insulation (UFFI), Asbestos, PCB-containing materials, nor had any been removed.
- No AST/UST on Site, nor previously removed.
- No floor drains.
- No chemicals/solvents stored/used on Site.
- No site-specific permits/ECAs/spills.
- Not aware of any adjacent properties having any environmental concerns.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

Site reconnaissance of the Phase One Property was completed on September 3rd, 2025, by NSSL staff members Damen Nyland, Environmental Geologist and Sue Narsted, Project Manager, under the supervision of Philip Adene, Professional Geoscientist, P.Geo/QP_{ESA}. The weather was sunny, with a temperature of approximately 20 °C. The Site was accessed via King Street. Site reconnaissance details and supporting photo log are included in Appendix F.

5.2 Specific Observations at Phase One Property

Table 6 summarizes the general observations made at the Phase One property based on NSSL's Site reconnaissance.

Table 6: Results of Site Reconnaissance by NSSL

Item	Specific Observation
General Site Description	The Site is comprised of a single unoccupied two-storey dwelling. The Site was accessed via a shared laneway (site representative noted that there was an easement for this.)
General Description of Structures	The original homestead was brick veneer, shingle roof, wood and a concrete front porch with vinyl siding. The original house had undergone at least two additions since its initial development. A concrete pad was seen at the rear of the building, suggesting a previous addition/deck which has since been removed.
Above and Below Ground Tanks	No evidence of any AST/USTs.
Utilities and Water Sources	Municipal Services. The Site Representative had no knowledge of any septic system.
Exit and Entry Points	Multiple (Dwelling was previously used as a multi-unit residence).
Existing and Former Heating/ Cooling Systems	Gas-fired boiler system and electric baseboards.
Swales, catch basins, drains, pits, pumps, or sumps	Two sump pumps were in the basement level of the house.
Staining and corrosion	None observed.
Wells	None observed.
Sewage Work	Municipal services
Surface Cover	Gravel driveway, manicured lawn with brush and mature trees.
Areas of Stained Soil, Vegetation, Pavement, and Stressed Vegetation	None observed.
Current or Former Railway Lines or Spurs	None noted on or directly adjacent to the property. A rail line (Trillium Railway – Harbour Spur) is still evident running north/south along the Canal approximately 50 m east of the Site.
Debris & Fill Material	None observed.

Item	Specific Observation
Details of Unidentified Substances	None observed.
Designated Substances & Hazardous Materials	Due to the age of the building and the multiple additions/renovations over the years, a DSHM is recommended prior to any demolition, or renovations are completed as suspected asbestos containing materials were identified onsite ie. floor and ceiling tiles , light ballasts (PCBs), evidence of warped walls from moisture and potential for mould within, plaster walls and potentially lead based pipes and windows.
Surrounding Properties within the Phase One Study Area	North – multi residential South – residential West – mixed use -residential & commercial offices East – vacant land (brush/trees) -parklike setting (community – Merritt Trail) and rail line.
Other	There is a hydro pole just beyond the northwest corner of the Site that supports a standard transformer used in current hydro servicing. It appeared satisfactory.

5.3 Radon

Radon is a naturally occurring gas produced by the decay of Uranium-238 that is commonly found in geological formations of granite, sandstone, coal, phosphate, and uranium deposits. Radon is colourless, odourless and tasteless and may migrate up through the soil and accumulate in basements of buildings through foundation cracks and joints. The recent release of Health Canada's Radon Testing Study for Niagara Region found Radon levels to be above World Health Organization guideline levels in 10 % of tested structures, with 2 % of these structures noted to be above the Canada Health guidelines. Local and regional municipalities are addressing Radon gas concerns by requesting that all developers of new residential construction and/or residential additions provide radon gas mitigation options when applying for permitting. The following option summaries are per the Ontario Building Code Section 9.13.3.1 and Supplementary Standard SB-9.

- Radon Ready: This option will provide for the future connection of an extraction system should it become necessary.
- Radon Gas Barrier: This option will provide a barrier to soil gas ingress.
- Radon Extraction: This option will remove soil gases from under the floor slab before they can enter the home.
- Clients should contact their local building departments for site-specific information and requirements.

6.0 REVIEW AND EVALUTATION OF INFORMATION

6.1 Potentially Contaminating Activities

O. Reg. 153/04 Table 2 of Schedule D – List of PCAs is provided in Appendix G for reference purposes. The Phase One ESA identified twenty PCAs, which resulted in two on-site APECs. Figure 3 highlights the PCAs.

Off-site

Vacant Land to the East of the Site (~ 20 m east)

PCA-1/APEC-1: # 30. Importation of Fill of Unknown Quality.

As there have been several changes to the canal's watercourse since its original construction, this material, if excavated from the canal's redevelopment, may have encroached upon the subject site. Therefore, generating a PCA and an APEC.

PCA-2/APEC-2: # Other. Coal Storage.

The 1934 fire insurance plan indicates coal storage at this location. The placement of the coal material may have infringed upon the Site potentially impacting the Site's soil. This results in an APEC.

PCA-3: #46. Railyards, Tracks and Spurs.

Aerial photographs dating back to 1954 and the recent Site visit confirm the presence of a railway running from north to south along the Welland Canal to the east. Based on this activity being at the directly adjacent property to the Site, a PCA is considered here. However, due to its distance (approximately 50 m) and the inferred groundwater flow direction to the east, it would not be considered an on-site APEC.

417 King Street

PCA-4: #27. Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.

PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks

PCA-6: #59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products.

PCA-7: #46 Railyards, Tracks and Spurs

The 1953 Fire Insurance Plan and historical aerial photographs show that this property, east side of King Street and south of Killaly Street West, was used as a lumber yard, which was serviced by the Canadian National Railway (CNR) along its southern border and an additional siding, running north/south, along its eastern border. The ERIS database search identified two records for retail fuel tanks. The Vernon's directory records show the historical activity of a lumber yard (Beaver Lumber), PC Disposal Plant (1946) and Pumping Station (1985) and a marine-based operation (Port Colborne Marine) at this location. However, the West Side Sewage Treatment Plant is shown in the 1965 air photo to be farther south and now identified to be in the area of 401 King Street, outside of the 250m study area. Based on the findings, these are PCAs that would not result in an APEC due to the distance from the Site.

572 King Street

PCA-8: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-9: #28. Gasoline and Associated Products Storage in Fixed Tanks.

The 1953 FIP indicated that there were two USTs on Minto Street at the corner of King Street, approximately 42 m to the northwest. These are PCAs, but due to the groundwater flow direction, they would not impact the soil and groundwater at the Site.

2 Killay Street West

PCA-10: #Other. Waste Generation

PCA-11: #39. Paints Manufacturing, Processing and Bulk Storage.

As described in the Ecolog ERIS report, under the company names of Port Colborne Warehousing Ltd. and GE Water and Process Technologies, this location generated wastes from the following waste classes: 252 - WASTE OILS & LUBRICANTS; 251-OIL SKIMMINGS & SLUDGES; 268- AMINES; 148 - INORGANIC LABORATORY CHEMICALS; 113 - ACID WASTE - OTHER METALS; 122 - ALKALINE WASTES - OTHER METALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263-ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 135-REACTIVE ANION WASTES and 221-LIGHT FUELS. Any Contaminants of potential concern (COPCs) associated with these PCAs would not impact the Site due to distance.

40-44 Killay Street West

PCA-12: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-13: #28. Gasoline and Associated Products Storage in Fixed Tanks.

Historical records (1953 FIP) indicate that there were three USTs located in the Used Car parking lot between the two garages at this location. A Vernon's record noted Ruston's Auto Parts in 2007/08. These are PCAs, but due to the distance from the Site, would not trigger any APECs.

511 King Street

PCA-14: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-15: #28. Gasoline and Associated Products Storage in Fixed Tanks.

PCA-16: #50. Soap and Detergent Manufacturing, Processing and Bulk Storage.

The 1953 FIP, Sheet 29, reveals that a Garage & Repair Shop, with two storage tanks on the west side of the repair facility, was located at 511 King Street (north of Killaly Street West). The Vernon's directory search revealed the presence of a car wash in this location, which is also a PCA. Based on the distance from the Site and inferred groundwater flow, which is easterly, these PCAs would not result in an on-site APEC.

517 King Street

PCA-17: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-18: #28. Gasoline and Associated Products Storage in Fixed Tanks.

A Garage and Repair Shop, with three associated storage tanks on the west side of the building, was located on 517 King Street, as noted in Port Colborne 1953 Firemap 29. Any COPCs associated with these PCAs would not impact the groundwater at the Site due to the distance and inferred groundwater flow direction.

Government Canals and Locks (On Island -East of Site)

PCA-19: #44. Port Activities, including Operation and Maintenance of Wharves and Docks.

Aerial photographs dating from 1934 to 2023 show that the Welland Canal is still used for shipping, with docking and storage facilities, as well as cargo loading along the western side. Based on the location of the docks on the island and distance from the Site (187 m east), this PCA would not impact the soil or groundwater on-site.

388 King Street

PCA-20: #37. Operation of Dry-Cleaning Equipment (where chemicals are used)

According to the Ecolog ERIS, a dry cleaner is located at 388 King Street, situated south of the Site. Based on distance from the Site, any associated COPCs would not impact the groundwater at the Site due to the inferred groundwater direction being to the east.

6.2 Areas of Potential Environmental Concern

The 20 PCAs identified above resulted in the creation of two on-site APECs for the Site's soil. Figure 4 highlights the APECs.

Table 6: Identified PCAs that could create APECs On-Site

Area of potential environmental concern	Location of the area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminants of potential concern	Media potentially impacted (Groundwater, soil, and/or sediment)
APEC-1	East Side	#30 Importation of Fill Material of Unknown Quality	Off-Site	Metals, PAHs, VOCs, BTEX, PHCs, Mercury, Cyanide (CN-), Chromium VI (Cr VI), Boron (Hot-Water Soluble), pH/SAR/EC	Soil

Area of potential environmental concern	Location of the area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminants of potential concern	Media potentially impacted (Groundwater, soil, and/or sediment)
APEC-2	East Side	#Other. Coal Storage	Off-Site	Metals, Hydride Forming Metals, PAHs, pH	Soil

PAHs = Polycyclic Aromatic Hydrocarbons, VOCs = Volatile Organic Compounds, BTEX = Benzene, Toluene, Ethylbenzene, Xylene, PHCs = Petroleum Hydrocarbons, SAR = Sodium Absorption Ratio, EC = Electrical Conductivity.

7.0 CONCLUSIONS

The Phase One ESA identified 20 PCAs, which resulted in two on-site APECs. As such, a Phase Two ESA investigation is required to confirm the presence or absence of potential contaminants of concern associated with the historic coal pile and fill material.

7.1 Closure

This report was prepared by Sue Narsted and Damen Nyland under the direction of Philip Adene.

Respectively submitted,

Niagara Soils Solutions Ltd.

Damen Nyland, BSC, GIT Environmental Geologist	Sue Narsted, BA, EMA Project Manager	Philip Adene, P.Geo, QP_{ESA} Professional Geoscientist

8.0 REFERENCES

The following resources were used as references:

- Niagara Historical Maps, Data & GIS Collection
- EcoLog ERIS
- Environmental Assessment Act
- Environmental Registry of Ontario
- Federal Contaminated Sites Inventory
- Google Earth Interactive Mapping
- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II; MOE, 1987
- Ministry of Environment, Conservation & Parks Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario
- Ministry of the Environment Freedom of Information and Protection of Privacy Search
- Ministry of the Environment Hazardous Waste Information Network
- Ministry of Natural Resources (ANSIs)
- Ministry of Northern Development and Mines. Bedrock Geology of Ontario
- National Pollutant Release Inventory (NPRI) database
- Niagara Peninsula Conservation Authority (NPCA) Watershed Explorer
- Nutrient Managing Act
- Ontario Base Mapping
- Ontario Inventory of PCB Storage Site October 1991, Ministry of the Environment, January 1992.
- Ontario Oil, Gas, and Salt Resources Library
- Ontario Water Resources Act
- Safe Drinking Water Act
- Source Protection Information Atlas (MECP)
- Technical Safety and Standards Authority (TSSA) Fuel Storage Information
- "Radon Information Brochure." *City of Welland*, n.d. Web. 19 Aug. 2024. https://www.welland.ca/Building/devForms/RadonBrochure.pdf.
- Poison Control, National Capital Poison Center, https://www.poison.org/articles/cement (Accessed Aug 27, 2025)
- Port Colborne Sewage Treatment Plants, 1963 annual Report https://upload.wikimedia.org/wikipedia/commons/e/e6/Port_Colborne_sewage_treatment_plants%2C_1963_annual_report_%28IA_PORTCOLBORNESEWA00SNSN19838.ome%29.pdf (Accessed September 8, 2025)
- Port Colborne Heritage Register 2025 - https://www.portcolborne.ca/en/business-and-development/resources/Documents/Planning/2025%20Heritage%20Register.pdf (Accessed September 8, 2025)

9.0 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 Mr. Drew Toth, representative for 1000395289 Ontario 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

FIGURES

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LEGEND

- Property Boundary
- 250 m Study Area

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:

1000395289 ONTARIO INC.

PROJECT:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
547 KING STREET
PORT COLBORNE, ON

TITLE:

SITE LOCATION

DATE:	SEPTEMBER 2025		
PROJECT NO:	NS25101-01		
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

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

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LEGEND

Property Boundary

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:

1000395289 ONTARIO INC.

PROJECT:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
547 KING STREET
PORT COLBORNE, ON

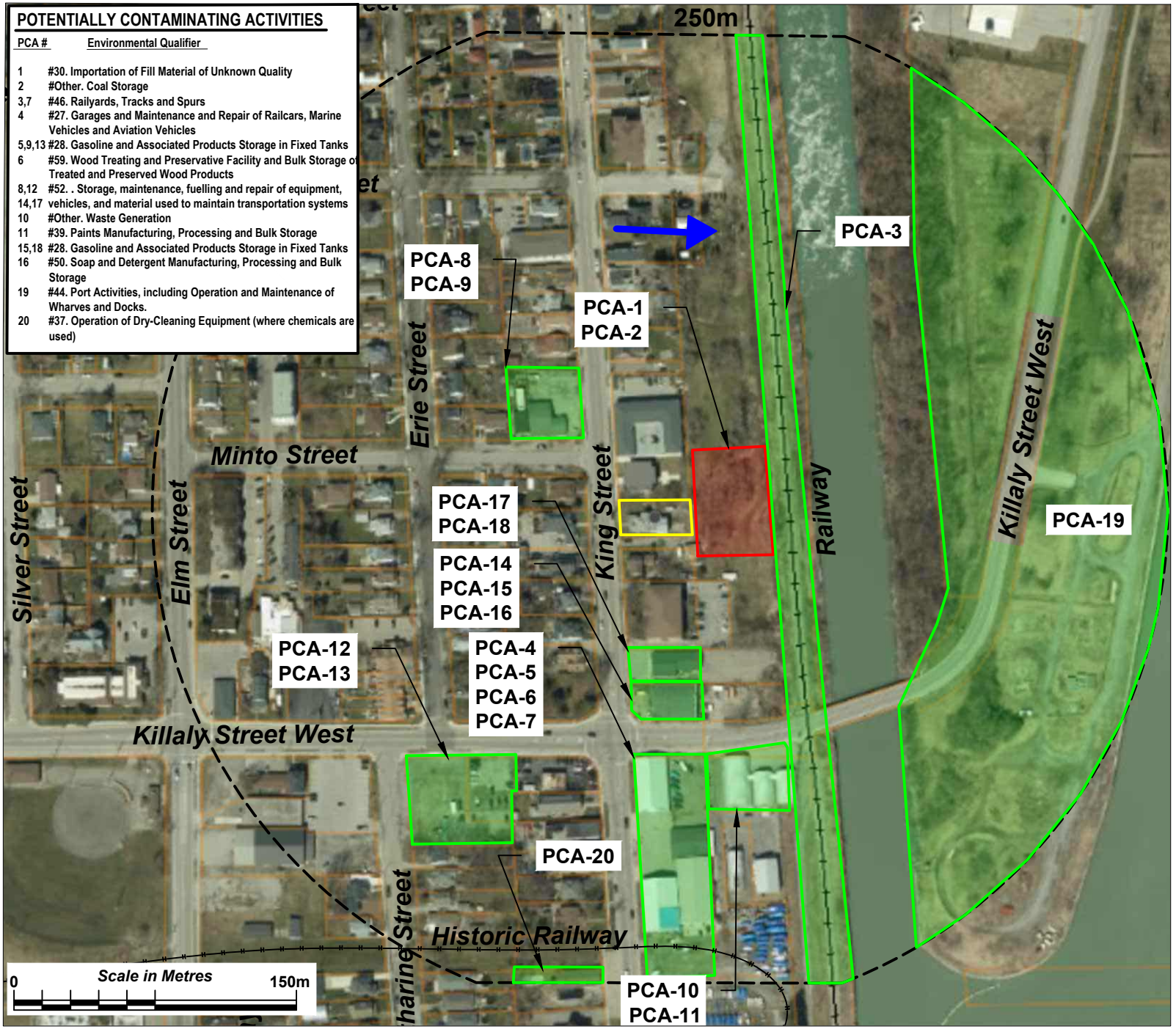
TITLE:

SITE LAYOUT & FEATURES

DATE:	SEPTEMBER 2025
PROJECT NO:	NS25101-01
SCALE:	AS SHOWN
DRAWN: CN	REVIEWED: PA
DATUM: NAD 83	PROJECTION: 17T

NO:

Figure 2



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LEGEND

- Property Boundary
- 250 m Study Area
- PCA not Generating APEC
- PCA Generating APEC
- Inferred Groundwater Flow Direction

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:
1000395289 ONTARIO INC.

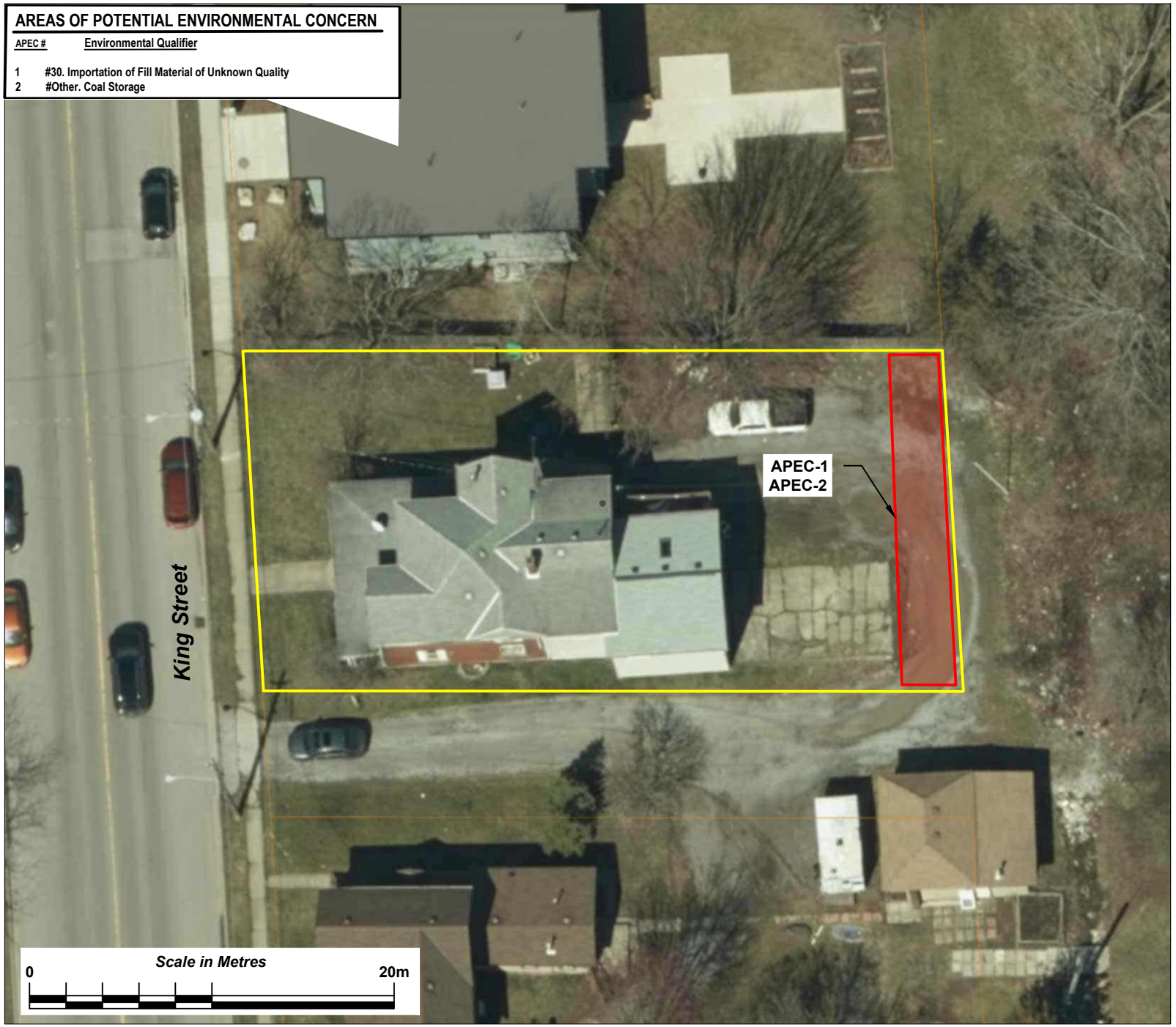
PROJECT:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
547 KING STREET
PORT COLBORNE, ON

TITLE:
POTENTIALLY CONTAMINATING ACTIVITIES

DATE:	SEPTEMBER 2025
PROJECT NO:	NS25101-01
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



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

N
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LEGEND

Property Boundary

APEC

NIAGARA SOILS SOLUTIONS LTD.

CLIENT:

1000395289 ONTARIO INC.

PROJECT:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
547 KING STREET
PORT COLBORNE, ON

TITLE:

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

DATE:	SEPTEMBER 2025
PROJECT NO:	NS25101-01
SCALE:	AS SHOWN
DRAWN: CN	REVIEWED: PA
DATUM: NAD 83	PROJECTION: 17T

NO:

Figure 4

APPENDIX A

CHAIN OF TITLE/PARCEL REGISTER

HISTORICAL CHAIN OF TITLE

547 King Street, Port Colborne
Pin: 64149-0047(LT)
PT LT 9 PL 769 HUMBERSTONE;
PT LT 10 PL 769 HUMBERSTONE; PORT COLBORNE

CROWN

Patent
May 17, 1802

John Neave

Break in Chain

John Neff

2084
B & S
February 3, 1812

Peter Neff

Peter Neff, deceased
Date of death: unknown

Jacob Neff
Heir of Peter Neff

8725
B & S
August 15, 1832

John Neff

871
B & S
July 4, 1842

Own Fares

Owen Fares, deceased
Date of death: unknown

Will
2231
October 31, 1854

Emmanual Fares

3393
B & S
June 13, 1888

William Ellsworth

Break in Chain ⋮

Roy Ellsworth, deceased
Date of death: September 6, 1958

Marietta Ellsworth
Date of death: November 21, 1964

Irene Cuthbert
Surviving Executrix of
Roy Ellsworth
& Marietta Ellsworth

BB23593
Grant
March 26, 1965

Stephen Cuthbert
Irene Cuthbert

RO132022
Grant
November 30, 1970

Eldred Smith
Simone Smith

Mortgage #321384

Canadian Imperial Bank of Commerce

RO359513
Grant
September 3, 1980

Wolfgang Wagner
Rosemarie Wagner

SN134687
Transfer
August 31, 2006

Joseph Ujfalussy
Joanna Ujfalussy

SN496516
Transfer
January 10, 2017

Sandor Drew Toth
(CURRENT OWNER)

PROPERTY DESCRIPTION: PT LT 9 PL 769 HUMBERSTONE; PT LT 10 PL 769 HUMBERSTONE AS IN RO359513 ; PORT COLBORNE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1999/01/18

OWNERS' NAMES
TOTH, SANDOR DREW

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1999/01/18 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/01/18						
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1999/01/15 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1999/01/18 **						
RO359513	1980/09/03	TRANSFER		*** COMPLETELY DELETED ***	WAGNER, WOLFGANG WAGNER, ROSEMARIE	
RO678344	1994/09/27	CHARGE		*** COMPLETELY DELETED ***	AVCO FINANCIAL SERVICES REALTY LIMITED	
LT146797	1999/11/30	CHARGE		*** COMPLETELY DELETED *** WAGNER, WOLFGANG WAGNER, ROSEMARIE	CIBC MORTGAGES INC., TRADING AS FIRSTLINE MORTGAGES	
LT150062	2000/01/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** ASSOCIATES MORTGAGE CORPORATION		
REMARKS: RE: RO678344						
SN134687	2006/08/31	TRANSFER		*** COMPLETELY DELETED *** WAGNER, ROSEMARIE	UJFALUSSY, JOSEPH	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				WAGNER, WOLFGANG	UJFALUSSY, JOANNA	
	REMARKS: PLANNING ACT STATEMENTS					
SN134688	2006/08/31	CHARGE		*** COMPLETELY DELETED *** UJFALUSSY, JOSEPH UJFALUSSY, JOANNA	ING BANK OF CANADA	
SN137229	2006/09/22	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC., TRADING AS FIRSTLINE MORTGAGES		
	REMARKS: RE: LT146797					
SN204886	2008/04/22	CHARGE		*** COMPLETELY DELETED *** UJFALUSSY, JOANNA UJFALUSSY, JOSEPH	THE TORONTO-DOMINION BANK	
SN323799	2011/08/31	CHARGE		*** COMPLETELY DELETED *** UJFALUSSY, JOANNA UJFALUSSY, JOSEPH	THE TORONTO-DOMINION BANK	
SN326027	2011/09/27	POSTPONEMENT		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK	THE TORONTO-DOMINION BANK	
	REMARKS: SN204886 TO SN323799					
SN329688	2011/11/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** ING BANK OF CANADA		
	REMARKS: SN134688.					
SN405331	2014/06/04	NOTICE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK	THE TORONTO-DOMINION BANK	
	REMARKS: SN204886					
SN408350	2014/07/09	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: SN204886.					
SN496516	2017/01/10	TRANSFER	$210,000	UJFALUSSY, JOANNA UJFALUSSY, JOSEPH last transfer	TOTH, SANDOR DREW	C
(1)	*REMARKS: PLANNING ACT STATEMENTS.*					
SN496517	2017/01/10	CHARGE		*** COMPLETELY DELETED *** TOTH, SANDOR DREW	BROOKSTREET MIC II INC.	
SN496518	2017/01/10	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** TOTH, SANDOR DREW	BROOKSTREET MIC II INC.	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
	REMARKS: SN496517.					
SN498529	2017/01/27	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: SN323799.					
SN550347	2018/04/30	CHARGE		*** COMPLETELY DELETED *** TOTH, SANDOR DREW	THE BANK OF NOVA SCOTIA	
SN550348	2018/04/30	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** TOTH, SANDOR DREW	THE BANK OF NOVA SCOTIA	
	REMARKS: SN550347.					
SN550611	2018/05/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** BROOKSTREET MIC II INC.		
	REMARKS: SN496517.					
SN586666	2019/04/25	CHARGE		*** COMPLETELY DELETED *** TOTH, SANDOR DREW	COMMUNITY TRUST COMPANY	
SN662332	2021/02/22	CHARGE	$430,000	TOTH, SANDOR DREW of 1st.	ROYAL BANK OF CANADA	C
SN665216	2021/03/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
	REMARKS: SN550347.					
SN696477	2021/10/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** COMMUNITY TRUST COMPANY		
	REMARKS: SN586666.					
SN706647	2021/12/22	CHARGE		*** DELETED AGAINST THIS PROPERTY *** 2830790 ONTARIO INC. SOCIAL RETURNS INC. TOTH, SANDOR DREW	FIRM CAPITAL MORTGAGE FUND INC.	
SN706648	2021/12/22	NO ASSGN RENT GEN		*** DELETED AGAINST THIS PROPERTY *** 2830790 ONTARIO INC. SOCIAL RETURNS INC. TOTH, SANDOR DREW	FIRM CAPITAL MORTGAGE FUND INC.	
	REMARKS: SN706647					
SN773134	2023/07/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** FIRM CAPITAL MORTGAGE FUND INC.		
	REMARKS: SN706647.					

ServiceOntario

PRINTED ON 09 SEP, 2025 AT 21:09:32
FOR JMACKENZIE

SCALE

0 10 20 30 40 meters

PROPERTY INDEX MAP

NIAGARA SOUTH(No. 59)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

769

109

1128

WELLAND CANAL

Line between lots numbers 27 and 28

Public Works Department

South 3°12' East

Back Ditch

Mr Thompsons Survey

UNION STREET

East

ALLEY

ALLEY

KILLALLY STREET

PORT COLBORNE

VICTORIA STREET

now King Street by # 2533

60 feet

Allowance for Road between first and second Concessions

MR FARES' SURVEY OF PART OF THE

VILLAGE OF PETERSBURG

Composed of part of the south east part of lot number 28 in the 2nd Concession of

HUMBERSTONE

NOW KNOWN AS PLAN 769

E. W. Fares Esq. Proprietor

scale one chain to an inch

REGISTRAR

Surveyed November 24th 1874 by John D'Ewe P.L. Surveyor

Cayuga Dec. 9th 1874

This Plan is correct and is prepared under the provisions of the Registration of Titles (Ontario) Act

John D'Ewe
Provincial Land Surveyor

Entered and Registered in the Registry Office for the County of Welland on the 29th day of December A.D. 1874 in Book H for the Township of Humberstone at 1.20 o'Clock P.M.
No 1128.

APPENDIX B

ECOLOG ERIS REPORT

DATABASE REPORT

Project Property:	*Phase One ESA - 547 King Street, Port Colborne, ON* *547 King Street* *Port Colborne ON L3K 4H5*
Project No:	*NS25101-01*
Report Type:	*Standard Report*
Order No:	*25082500032*
Requested by:	*Niagara Soils Solutions Ltd.*
Date Completed:	*August 25, 2025*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One ESA - 547 King Street, Port Colborne, ON* *547 King Street Port Colborne ON L3K 4H5*
Project No:	*NS25101-01*

Coordinates:

Latitude:	*42.8927585*
Longitude:	*-79.2516204*
UTM Northing:	*4,750,388.65*
UTM Easting:	*642,756.80*
UTM Zone:	*17T*

Elevation:	*579 FT* *176.56 M*

Order Information:

Order No:	*25082500032*
Date Requested:	*August 25, 2025*
Requested by:	*Niagara Soils Solutions Ltd.*
Report Type:	*Standard Report*

Historical/Products:

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

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	6	6
CA	Certificates of Approval	Y	0	4	4
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	1	1
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	7	7
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	1	1
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	54	54
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
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	0	0
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	0	1	1
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	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	0	0
PINC	Pipeline Incidents	Y	0	5	5
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	0	0
RSC	Record of Site Condition	Y	0	4	4
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	5	5
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
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	13	13

Database	Name	Searched	Project Property	Within 0.25 km	Total
Total:		0		110	110

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	BORE		ON	NW/46.4	0.28	32
2	EHS		569-573 KING ST PORT COLBORNE ON L3K 4H5	N/48.9	-0.63	33
2	GEN	Earl Henderson	569-573 King Street Port Colborne ON	N/48.9	-0.63	33
3	RSC	Gateway Residential and Community Support Services of Niagara Inc.	569 KING ST ON PORT COLBORNE ON	N/49.2	-0.63	34
3	RSC	Gateway Residential and Community Support Services of Niagara Inc.	569 KING ST ON PORT COLBORNE ON	N/49.2	-0.63	34
4	GEN	Port Dental	517 King Street Port Colborne ON	S/78.2	-0.59	35
5	PINC	SAMUEL MORRISON SINCLAIR	518 KING ST,,PORT COLBORNE,ON,L3K 4H6,CA ON	SW/90.1	0.84	35
5	SPL	Enbridge Gas Distribution Inc.	518 King Street Port Colborne ON	SW/90.1	0.84	36
6	SCT	European Orthodontic Products	511 King St Port Colborne ON L3K 4H5	S/106.5	-0.58	37
7	SCT	HUMBERSTONE CUT STONE & MONUME	590 KING ST PORT COLBORNE ON L3K 4H7	NW/112.8	0.29	37
8	WWIS		57 MINTO ST PORT COLBORNE ON ***Well ID:*** 7213110	WNW/124.2	1.29	37
9	WWIS		ON	WNW/127.1	1.29	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6601614			
10	BORE		ON	SSW/128.1	0.32	42
11	EHS		20 Erie Street Port Colborne ON L3K 4L7	WSW/141.9	2.29	43
12	OOGW	Dominion Natural Gas Co.	Humberstone ON ***Licence No:*** F014589	E/144.1	-1.76	44
13	PINC	PIPELINE HIT - 1"	432 KING ST,,PORT COLBORNE,ON,L3K 4H4,CA ON	SSW/148.1	1.28	44
13	SPL		432 King St Port Colborne ON	SSW/148.1	1.28	45
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	46
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	46
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	47
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	47
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	48
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON	SSE/151.0	-1.49	49
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	49
14	GEN	GE Water and Process Technologies	2 Killaly Street West Port Colborne ON L3K 6A1	SSE/151.0	-1.49	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	51
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	52
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	53
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	54
14	GEN	Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE/151.0	-1.49	55
14	GEN	Bell Marine	#2 Killaly St. W. Port Colborne ON	SSE/151.0	-1.49	56
14	SCT	Port Colborne Warehousing Ltd.	2 Killaly St W Port Colborne ON L3K 6A1	SSE/151.0	-1.49	61
15	WWIS		40-44 KILLALY ST W L3K3L5 PORT COLBORNE ON ***Well ID:*** 6604920	SW/160.8	2.29	61
16	CA	PORT COLBORNE CITY	RR #5(KILLALY ST.W)/ERIE ST. PORT COLBORNE CITY ON	SW/163.1	2.29	63
17	WWIS		409 CATHERINE ST. PORT COLBORNE ON ***Well ID:*** 7240643	SW/166.1	1.97	63
18	GEN	2155025 Ontario Inc.	12 Erie St. Port Colborne ON L3K 4L7	WSW/169.6	2.29	66
19	RSC	2155025 Ontario Inc.	12 Erie Street, Port Colborne, Ontario PORT COLBORNE ON	WSW/169.7	2.29	66
20	WWIS		409 CATHERINE ST PORT COLBORNE ON	SW/180.9	2.29	67

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7240644			
21	SCT	SIMPLEX TURMAR (CANADA) INC.	420 KING ST PORT COLBORNE ON L3K 4H4	SSW/182.0	1.26	69
21	SCT	Simplex Turmar Inc.	420 King St Port Colborne ON L3K 4H4	SSW/182.0	1.26	70
22	WWIS		409 CATHERINE ST PORT COLBIURNE ON ***Well ID:*** 7240642	SW/182.1	2.29	70
23	EHS		40-44 Killally Street West Port Colborne ON	SW/186.2	2.24	72
23	GEN	491374 ONTARIO LTD.	40-44 KILLALY STREET WEST PORT COLBORNE ON	SW/186.2	2.24	73
23	GEN	REGIONAL EQUIPMENT CENTRE	40-44 KILLALY STREET WEST PORT COLBORNE ON L3K 3L5	SW/186.2	2.24	73
23	GEN	City of Port Colborne	40 Killaly St. W Port Colborne ON L3K 3L5	SW/186.2	2.24	73
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	74
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW/186.2	2.24	74
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW/186.2	2.24	75
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW/186.2	2.24	75
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	76
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW/186.2	2.24	76

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	77
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	77
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	77
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	78
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	78
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW/186.2	2.24	79
23	GEN	City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW/186.2	2.24	79
23	SPL		40-44 Killaly St West Port Colborne ON	SW/186.2	2.24	83
24	RST	WEST SHORE MARINE	417 KING ST PORT COLBORNE ON L3K 4H2	S/187.0	-0.68	84
24	RST	WEST SHORE MARINE	417 KING ST PORT COLBORNE ON L3K4H2	S/187.0	-0.68	84
25	CA	PORT COLBORNE CITY	UNION ST./KING ST. PORT COLBORNE CITY ON	NNW/198.6	-0.12	84
26	SPL	PORT COLBORNE	FORCE MAIN AT UNION AND KING ST. PUMPING STATION PORT COLBORNE CITY ON	NNW/198.6	-0.12	84
27	WWIS		409 CATHERINE ST PORT CALBOURNE ON	SW/199.8	2.06	85

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7240638			
28	WWIS		ON ***Well ID:*** 6600680	WSW/202.2	2.47	88
29	BORE		ON	NNE/205.7	-1.27	90
30	WWIS		lot 48 ON ***Well ID:*** 7048585	SW/207.7	2.29	92
31	WWIS		409 CATHERINE ST. PORT COLBORNE ON ***Well ID:*** 7240639	SW/209.1	2.19	94
32	FRST		Port Colborne ON	ESE/209.1	-1.35	97
33	CA	REGIONAL MUNICIPALITY OF NIAGARA	1 UNION STREET PORT COLBORNE CITY ON	N/211.4	-0.95	99
33	SPL	Regional Municipality of Niagara	1 Union St. Port Colborne ON	N/211.4	-0.95	100
34	PINC	ENBRIDGE GAS INC	111 KILLALY ST W,,PORT COLBORNE, ON,L3K 3L7,CA ON	W/211.8	2.50	100
34	SPL		111 Kilally Street Port Colborne ON	W/211.8	2.50	101
34	WWIS		111 KILLALY STREET W Port Colborne ON ***Well ID:*** 7150822	W/211.8	2.50	102
35	WWIS		409 CATHERINE ST, PORT COLBORNE ON ***Well ID:*** 7240640	SW/215.4	2.29	105
36	EHS		57 Minto Street Port Colborne ON L3K 3N1	WNW/220.4	2.29	108
37	EHS		57 Minto Street Port Colborne ON	WNW/220.4	2.29	108

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	RSC	NIAGARA PENINSULA HOUSING CORPORATION	57 MINTO STREET ON Port Colborne ON	WNW/220.4	2.29	108
38	PINC	PIPELINE HIT - 1/2"	402 KING STREET,,PORT COLBORNE, ON,L3K 4H4,CA ON	SSW/222.8	0.30	109
38	SPL		402 King Street East Port Colborne ON	SSW/222.8	0.30	109
39	WWIS		409 CATHERINE ST PORT COLBORNE ON ***Well ID:*** 7240641	SW/224.8	2.29	110
40	BORE		ON	SE/233.0	-1.72	112
41	EHS		517 - 529 Elm Street Port Colborne ON L3K 5W6	W/233.0	2.29	115
42	CA	PORT COLBORNE CITY	UNION ST./ELM ST./KING ST. PORT COLBORNE CITY ON	NW/239.1	1.29	115
43	DTNK	MILLEN MARINE & MILL SUPPLY LTD	577 ELM ST PORT COLBORNE ON	WNW/245.7	2.29	115
43	EHS		577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	116
43	GEN	728268 ONTARIO LIMITED	577 ELM STREET PORT COLBORNE ON L3K 4P5	WNW/245.7	2.29	116
43	GEN	GE Betz Canada	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	116
43	GEN	Millen Marine & Industrial Supply	577 Elm St. Port Colborne ON L3K 4P5	WNW/245.7	2.29	117
43	GEN	millen marine & industrial supply (West Pier)	577 elm st. port colborne ON L3K 4P5	WNW/245.7	2.29	117

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	118
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	119
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON	WNW/245.7	2.29	119
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW/245.7	2.29	120
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW/245.7	2.29	121
43	GEN	Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW/245.7	2.29	122
43	GEN	Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	123
43	GEN	Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	123
43	GEN	Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW/245.7	2.29	123
44	BORE		ON	S/246.3	0.02	126
45	GEN	LIGHTHEART CLEANERS INC.	388 KING STREET PORT COLBORNE ON L3K 4H4	S/247.9	0.30	128
45	GEN	LIGHTHEART CLEANERS INC.	388 KING STREET PORT COLBORNE ON L3K 4H4	S/247.9	0.30	128
45	GEN	LIGHTHEART CLEANERS INC. 24-190	388 KING STREET PORT COLBORNE ON L3K 4H4	S/247.9	0.30	129

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
46	GEN	Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW/248.3	3.29	129
46	GEN	Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW/248.3	3.29	129
46	GEN	VCA- Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW/248.3	3.29	130
46	GEN	VCA- Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW/248.3	3.29	130
46	GEN	JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION	503 Elm St Port Colborne ON	WSW/248.3	3.29	134
46	PINC	PIPELINE HIT 2"	503 ELM ST,,PORT COLBORNE,ON,L3K 5W6,CA ON	WSW/248.3	3.29	135
47	BORE		ON	ESE/248.8	-0.83	135

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NW	46.40	1
	ON	SSW	128.15	10
	ON	S	246.29	44

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNE	205.66	29
	ON	SE	232.96	40
	ON	ESE	248.79	47

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PORT COLBORNE CITY	RR #5(KILLALY ST.W)/ERIE ST. PORT COLBORNE CITY ON	SW	163.12	16

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PORT COLBORNE CITY	UNION ST./ELM ST./KING ST. PORT COLBORNE CITY ON	NW	239.06	42

Lower Elevation	Address	Direction	Distance (m)	Map Key
PORT COLBORNE CITY	UNION ST./KING ST. PORT COLBORNE CITY ON	NNW	198.60	25
REGIONAL MUNICIPALITY OF NIAGARA	1 UNION STREET PORT COLBORNE CITY ON	N	211.42	33

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Oct 2023 has found that there are 1 DTNK site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MILLEN MARINE & MILL SUPPLY LTD	577 ELM ST PORT COLBORNE ON	WNW	245.69	43

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2025 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	20 Erie Street Port Colborne ON L3K 4L7	WSW	141.94	11
	40-44 Killally Street West Port Colborne ON	SW	186.16	23
	57 Minto Street Port Colborne ON L3K 3N1	WNW	220.38	36
	57 Minto Street Port Colborne ON	WNW	220.39	37

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	517 - 529 Elm Street Port Colborne ON L3K 5W6	W	232.98	41
	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
	569-573 KING ST PORT COLBORNE ON L3K 4H5	N	48.87	2

FRST - Federal Identification Registry for Storage Tank Systems (FIRSTS)

A search of the FRST database, dated Oct 31, 2021 has found that there are 1 FRST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Port Colborne ON	ESE	209.06	32

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Mar 31, 2025 has found that there are 54 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2155025 Ontario Inc.	12 Erie St. Port Colborne ON L3K 4L7	WSW	169.58	18
491374 ONTARIO LTD.	40-44 KILLALY STREET WEST PORT COLBORNE ON	SW	186.16	23
REGIONAL EQUIPMENT CENTRE	40-44 KILLALY STREET WEST PORT COLBORNE ON L3K 3L5	SW	186.16	23

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Port Colborne	40 Killaly St. W Port Colborne ON L3K 3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Port Colborne	40-44 Killaly Street Port Colborne ON L3K3L5	SW	186.16	23
City of Port Colborne	40-44 Killaly Street Port Colborne ON	SW	186.16	23
728268 ONTARIO LIMITED	577 ELM STREET PORT COLBORNE ON L3K 4P5	WNW	245.69	43
millen marine & industrial supply (West Pier)	577 elm st. port colborne ON L3K 4P5	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW	245.69	43
Westpier Marine and Industrial Supply Inc.	577 Elm Street Port Colborne ON L3K 1B7	WNW	245.69	43
Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43
Westpier	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43
GE Betz Canada	577 Elm Street Port Colborne ON L3K 4P5	WNW	245.69	43
Millen Marine & Industrial Supply	577 Elm St. Port Colborne ON L3K 4P5	WNW	245.69	43
LIGHTHEART CLEANERS INC.	388 KING STREET PORT COLBORNE ON L3K 4H4	S	247.95	45
LIGHTHEART CLEANERS INC.	388 KING STREET PORT COLBORNE ON L3K 4H4	S	247.95	45
LIGHTHEART CLEANERS INC. 24-190	388 KING STREET PORT COLBORNE ON L3K 4H4	S	247.95	45
Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW	248.29	46
Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW	248.29	46
VCA- Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW	248.29	46
VCA- Port Colborne Animal Hospital Veterinary Corp	503 Elm St Port Colborne ON L3K 5W6	WSW	248.29	46
JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION	503 Elm St Port Colborne ON	WSW	248.29	46

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
Earl Henderson	569-573 King Street Port Colborne ON	N	48.87	2
Port Dental	517 King Street Port Colborne ON	S	78.20	4
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
GE Water and Process Technologies	2 Killaly Street West Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14

Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Port Colborne Warehousing Ltd.	#2 Killaly St. W. Port Colborne ON L3K 6A1	SSE	151.04	14
Bell Marine	#2 Killaly St. W. Port Colborne ON	SSE	151.04	14

OOGW - Ontario Oil and Gas Wells

A search of the OOGW database, dated 1800-Aug 2024 has found that there are 1 OOGW site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Dominion Natural Gas Co.	Humberstone ON ***Licence No:*** F014589	E	144.13	12

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 5 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SAMUEL MORRISON SINCLAIR	518 KING ST,,PORT COLBORNE,ON, L3K 4H6,CA ON	SW	90.14	5
PIPELINE HIT - 1"	432 KING ST,,PORT COLBORNE,ON, L3K 4H4,CA ON	SSW	148.08	13
ENBRIDGE GAS INC	111 KILLALY ST W,,PORT COLBORNE,ON,L3K 3L7,CA ON	W	211.75	34

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT - 1/2"	402 KING STREET,,PORT COLBORNE,ON,L3K 4H4,CA ON	SSW	222.76	38
PIPELINE HIT 2"	503 ELM ST,,PORT COLBORNE,ON, L3K 5W6,CA ON	WSW	248.29	46

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jul 2025 has found that there are 4 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2155025 Ontario Inc.	12 Erie Street, Port Colborne, Ontario PORT COLBORNE ON	WSW	169.68	19
NIAGARA PENINSULA HOUSING CORPORATION	57 MINTO STREET ON Port Colborne ON	WNW	220.39	37

Lower Elevation	Address	Direction	Distance (m)	Map Key
Gateway Residential and Community Support Services of Niagara Inc.	569 KING ST ON PORT COLBORNE ON	N	49.20	3
Gateway Residential and Community Support Services of Niagara Inc.	569 KING ST ON PORT COLBORNE ON	N	49.20	3

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Apr 30, 2025 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
WEST SHORE MARINE	417 KING ST PORT COLBORNE ON L3K 4H2	S	186.97	24

WEST SHORE MARINE	417 KING ST PORT COLBORNE ON L3K4H2	S	186.97	24

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 5 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
HUMBERSTONE CUT STONE & MONUME	590 KING ST PORT COLBORNE ON L3K 4H7	NW	112.82	7
Simplex Turmar Inc.	420 King St Port Colborne ON L3K 4H4	SSW	181.95	21
SIMPLEX TURMAR (CANADA) INC.	420 KING ST PORT COLBORNE ON L3K 4H4	SSW	181.95	21

Lower Elevation	Address	Direction	Distance (m)	Map Key
European Orthodontic Products	511 King St Port Colborne ON L3K 4H5	S	106.46	6
Port Colborne Warehousing Ltd.	2 Killaly St W Port Colborne ON L3K 6A1	SSE	151.04	14

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug 2024; Oct-May 2025 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	518 King Street Port Colborne ON	SW	90.14	5
	432 King St Port Colborne ON	SSW	148.08	13

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	40-44 Killaly St West Port Colborne ON	SW	186.16	23
	111 Kilally Street Port Colborne ON	W	211.75	34
	402 King Street East Port Colborne ON	SSW	222.76	38

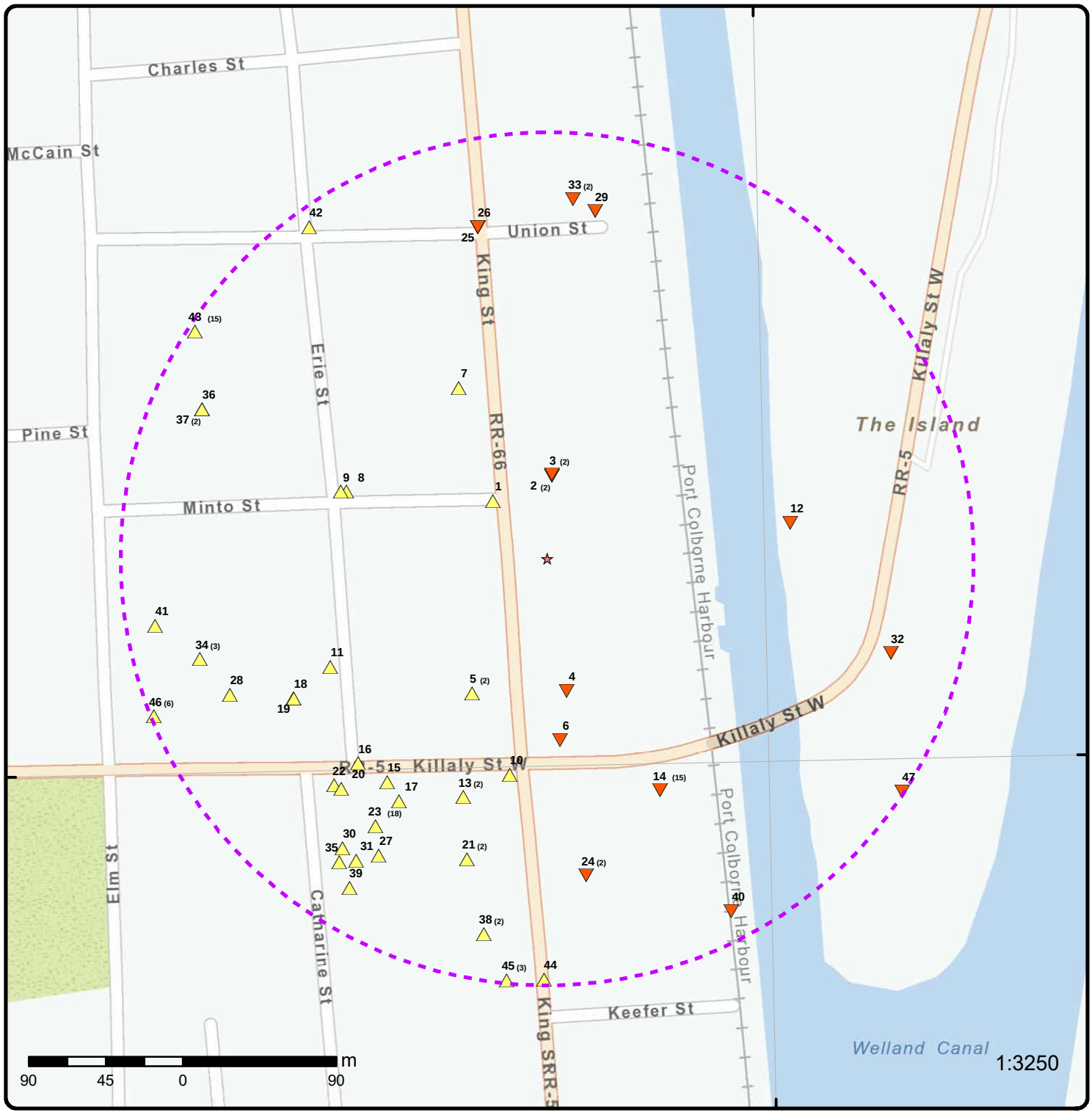
Lower Elevation	Address	Direction	Distance (m)	Map Key
PORT COLBORNE	FORCE MAIN AT UNION AND KING ST. PUMPING STATION PORT COLBORNE CITY ON	NNW	198.62	26
Regional Municipality of Niagara	1 Union St. Port Colborne ON	N	211.42	33

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 13 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	57 MINTO ST PORT COLBORNE ON ***Well ID:*** 7213110	WNW	124.20	8
	ON ***Well ID:*** 6601614	WNW	127.14	9
	40-44 KILLALY ST W L3K3L5 PORT COLBORNE ON ***Well ID:*** 6604920	SW	160.77	15
	409 CATHERINE ST. PORT COLBORNE ON ***Well ID:*** 7240643	SW	166.12	17
	409 CATHERINE ST PORT COLBORNE ON	SW	180.89	20

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7240644			
	409 CATHERINE ST PORT COLBIURNE ON ***Well ID:*** 7240642	SW	182.12	22
	409 CATHERINE ST PORT CALBOURNE ON ***Well ID:*** 7240638	SW	199.78	27
	ON ***Well ID:*** 6600680	WSW	202.24	28
	lot 48 ON ***Well ID:*** 7048585	SW	207.68	30
	409 CATHERINE ST. PORT COLBORNE ON ***Well ID:*** 7240639	SW	209.05	31
	111 KILLALY STREET W Port Colborne ON ***Well ID:*** 7150822	W	211.75	34
	409 CATHERINE ST, PORT COLBORNE ON ***Well ID:*** 7240640	SW	215.39	35
	409 CATHERINE ST PORT COLBORNE ON ***Well ID:*** 7240641	SW	224.77	39



Map: 0.25 Kilometer Radius

Order Number: 25082500032

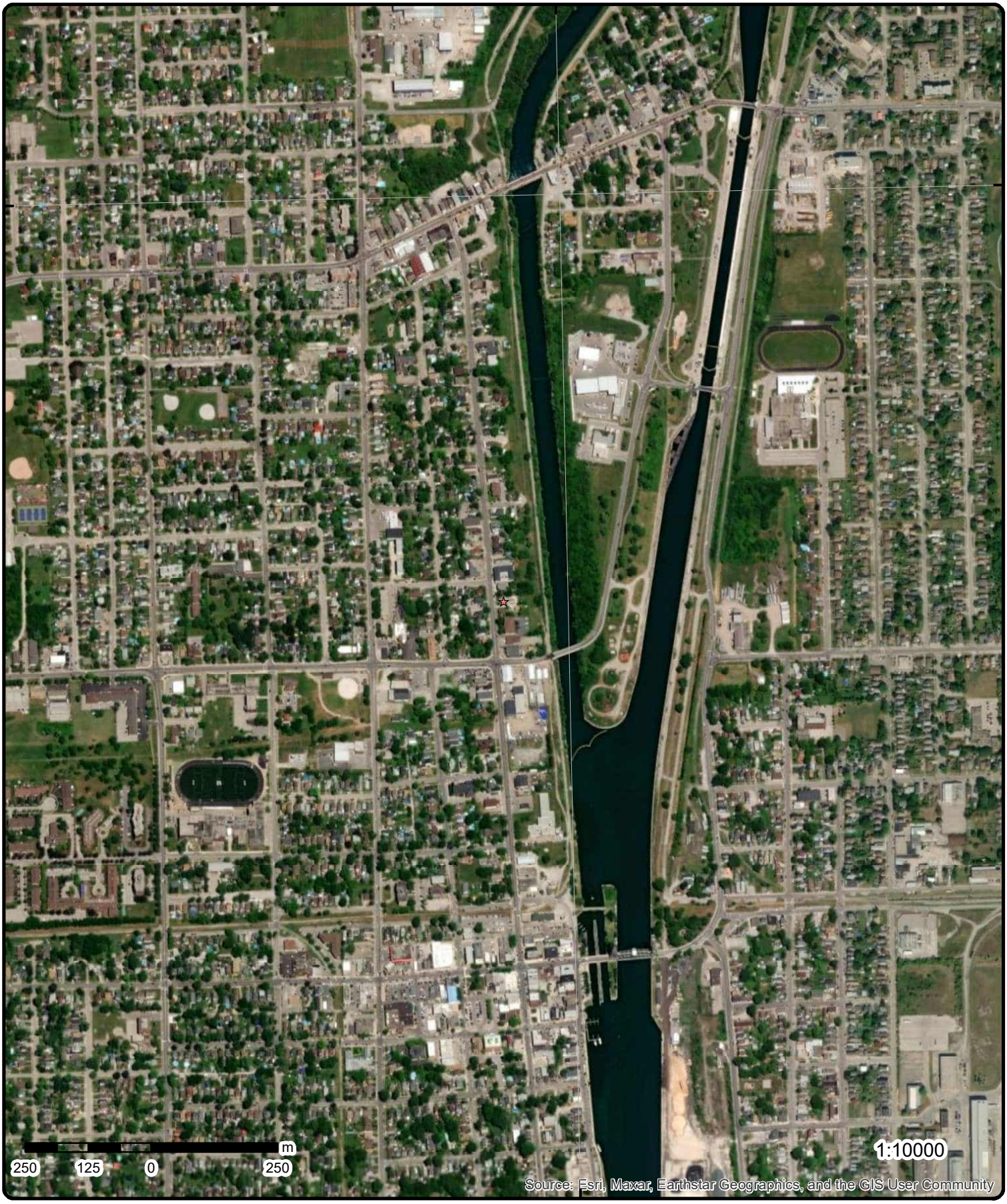
Address: 547 King Street, Port Colborne, ON

- 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)

79°15'W

42°54'N

42°54'N



Aerial

Year: 2019

Order Number: 25082500032

Address: 547 King Street, Port Colborne, ON

Source: ESRI World Imagery

Topographic Map

Address: 547 King Street, ON

Source: ESRI World Topographic Map

Order Number: 25082500032

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NW/46.4	176.8 / 0.28	ON	BORE

Borehole ID:	604938	**Inclin FLG:**	No
OGF ID:	215506746	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAR-1964	**Municipality:**	
Static Water Level:	0.4	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.893068
Total Depth m:	1.6	**Longitude DD:**	-79.252002
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642725
Drill Method:	Boring	**Northing:**	4750422
Orig Ground Elev m:	177	**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:	218366609	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT. BROWN.		

Geology Stratum ID:	218366610	**Mat Consistency:**	Soft
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	.9	**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:**	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,SOFT.		

Geology Stratum ID:	218366611	**Mat Consistency:**	Stiff
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	1.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	

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

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: CLAY,SILT,GRAVEL. BROWN,STIFF, WATER STABLE AT 581.7 FEET.000100080002801115016000 **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: 036080 NTS_Sheet: 30L14F
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 2	N/48.9	175.9 / -0.63	569-573 KING ST PORT COLBORNE ON L3K 4H5	EHS

Order No:	20080313004	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	3/24/2008	**Search Radius (km):**	0.25
Date Received:	3/13/2008	**X:**	-79.251723
Previous Site Name:		**Y:**	42.892615
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 2	N/48.9	175.9 / -0.63	Earl Henderson 569-573 King Street Port Colborne ON	GEN

Generator Info

Generator No:	ON7452626	**Choice of Contact:**	
Approval Years:	2009	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	713990
Country:			
Co Admin:			
Phone No Admin:			

SIC Description: All Other Amusement and Recreation Industries

Waste Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 2	N/49.2	175.9 / -0.63	Gateway Residential and Community Support Services of Niagara Inc. 569 KING ST ON PORT COLBORNE ON	RSC

RSC No:	84319	**X:**	-79.2516706241804
RA No:		**Y:**	42.89305962082351
Status:	FILED	**Latitude:**	42.89305962
Filing Date:		**Longitude:**	-79.25167062
Date Ack:		**UTM Coordinates:**	
Date Returned:		**Latitude Longitude:**	
Approval Date:	August 19, 2010	**Accuracy Estimate:**	
Cert Date:		**Measurement Method:**	
Cert Prop Use No:		**Mailing Address:**	
Curr Property Use:		**Telephone:**	
Intended Prop Use:		**Fax:**	
Restoration Type:		**Email:**	
Soil Type:		**Postal Code:**	L3K 4H5
Criteria:		**Ministry District:**	
Stratified (Y/N):		**MOE District:**	Niagara
Audit (Y/N):		**SWP Area Name:**	Niagara Peninsula
Entire Leg Prop. (Y/N):		**Qual Person Name:**	Ross B. Williams
CPU Issu Sect 1686:		**Consultant:**	

Business Name: Gateway Residential and Community Support Services of Niagara Inc.
Address: 569 KING ST ON
Legal Desc:
Site Pin: 64149-0046 LT
Asmt Roll No:
Project Type: PRE2011
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=84319

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	2 of 2	N/49.2	175.9 / -0.63	Gateway Residential and Community Support Services of Niagara Inc. 569 KING ST ON PORT COLBORNE ON	RSC

RSC No:	93111	**X:**	-79.25138823697421
RA No:		**Y:**	42.892217846944945
Status:	FILED	**Latitude:**	42.89221785
Filing Date:		**Longitude:**	-79.25138824
Date Ack:		**UTM Coordinates:**	
Date Returned:		**Latitude Longitude:**	
Approval Date:	January 26, 2011	**Accuracy Estimate:**	
Cert Date:		**Measurement Method:**	
Cert Prop Use No:		**Mailing Address:**	
Curr Property Use:		**Telephone:**	
Intended Prop Use:		**Fax:**	
Restoration Type:		**Email:**	
Soil Type:		**Postal Code:**	L3K 4H5
Criteria:		**Ministry District:**	
Stratified (Y/N):		**MOE District:**	Niagara
Audit (Y/N):		**SWP Area Name:**	Niagara Peninsula
Entire Leg Prop. (Y/N):		**Qual Person Name:**	Ross B. Williams
CPU Issu Sect 1686:		**Consultant:**	

Business Name: Gateway Residential and Community Support Services of Niagara Inc.
Address: 569 KING ST ON
Legal Desc:
Site Pin: 64149-0046 LT
Asmt Roll No:
Project Type: PRE2011
Approval Type: RSC based on Phase One and Two ESAs

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Applicable Standards:					
PDF Link:		https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=93111			
4	1 of 1	S/78.2	176.0 / -0.59	**Port Dental** **517 King Street** **Port Colborne ON**	GEN

Generator Info (as of Dec 2024)

Generator No:	ON001061975
Generator Company Name:	Port Dental
Street:	517 King Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K 4H5
Waste Class:	312 P

Waste Class Decoded:

312 - PATHOLOGICAL WASTES

Generator Info (as of Apr 2025)

Generator Company Name:	Port Dental
Generator Site Address:	517 King Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K 4H5
Waste Class:	312 P

Waste Class Decoded:

312 - PATHOLOGICAL WASTES

Waste Characteristic Decoded:

P - Pathological

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 2	SW/90.1	177.4 / 0.84	**SAMUEL MORRISON SINCLAIR** **518 KING ST,,PORT COLBORNE,ON,L3K 4H6,CA** **ON**	PINC

Incident Id:		**Pipe Material:**	
Incident No:	1443448	**Fuel Category:**	
Incident Reported Dt:	7/24/2014	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	SAMUEL MORRISON SINCLAIR		
Incident Address:	518 KING ST,,PORT COLBORNE,ON,L3K 4H6,CA		

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

Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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5 | ***2 of 2*** | ***SW/90.1*** | ***177.4 / 0.84*** | ***Enbridge Gas Distribution Inc.***
518 King Street
Port Colborne ON | ***SPL***

Ref No: 4186-9MAV3K
Year:
Incident Dt: 2014/07/23
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/07/23
Dt Document Closed: 2014/08/08
Site No: NA
MOE Response: Referral to others
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Residential<UNOFFICIAL>
Site Address: 518 King Street
Site Region:
Site Municipality: Port Colborne
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name: Enbridge Gas Distribution Inc.
Client Type:
Source Type:
Incident Cause: Leak/Break
Incident Preceding Spill:
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: 2" plastic main strike to atm.
Environment Impact: Confirmed
Health Env Consequence:
Nature of Impact: Air Pollution
Contaminant Qty: 0 other - see incident description
Contaminant Qty 1: 0
Contaminant Unit: other - see incident description
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Pipeline/Components
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

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

6 | 1 of 1 | S/106.5 | 176.0 / -0.58 | European Orthodontic Products
511 King St
Port Colborne ON L3K 4H5 | SCT

Established: 01-JAN-81
Plant Size (ft²): 2500
Employment:

--Details--
Description: Professional Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417930

Description: Service Establishment Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417920

Description: Professional Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417930

Description: Book, Periodical and Newspaper Wholesaler-Distributors
SIC/NAICS Code: 414420

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7 | 1 of 1 | NW/112.8 | 176.9 / 0.29 | HUMBERSTONE CUT STONE & MONUME
590 KING ST
PORT COLBORNE ON L3K 4H7 | SCT

Established: 0000
Plant Size (ft²): 0
Employment: 1

--Details--
Description: DURABLE GOODS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 5099

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8 | 1 of 1 | WNW/124.2 | 177.8 / 1.29 | 57 MINTO ST
PORT COLBORNE ON | WWIS

Well ID:	7213110	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	12/17/2013
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z165893	**Contractor:**	7295
Tag:	A144022	**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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7213110.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/08/2013
Year Completed:	2013
Depth (m):	6.096
Latitude:	42.893134751109
Longitude:	-79.2530524181371
X:	-79.25305226958596
Y:	42.89313474705258
Path:	721\7213110.pdf

Bore Hole Information

Bore Hole ID:	1004667845	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642639.00
Code OB Desc:		***North83:***	4750428.00
Open Hole:		***Org CS:***	dms83
Cluster Kind:		***UTMRC:***	4
Date Completed:	01/08/2013	***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:	1005013969
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:	2.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005013968
Layer:	1
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:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005013976
Layer:	1
Plug From:	0.0
Plug To:	4.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005013975
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005013967
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005013972
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	5.0
Casing Diameter:	1.7999999523162842
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005013973
Layer:	1
Slot:	10
Screen Top Depth:	5.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	1005013971
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005013970
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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9 ***1 of 1*** ***WNW/127.1*** ***177.8 / 1.29*** ***ON*** ***WWIS***

Well ID:	6601614	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Cooling And A/C	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Recharge Well	***Date Received:***	05/24/1963
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2526
Tag:		***Form Version:***	1
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:	PORT COLBORNE CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601614.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/01/1956
Year Completed:	1956
Depth (m):	20.1168
Latitude:	42.8931353303464
Longitude:	-79.2530903676375
X:	-79.25309021980136
Y:	42.893135326206526
Path:	660\6601614.pdf

Bore Hole Information

Bore Hole ID:	10461348	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642635.90
Code OB Desc:		***North83:***	4750428.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/01/1956	***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:	932592532
Layer:	1
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	66.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601614
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009918
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930749428
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	66.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749427
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	5.0
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:	996601614
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	22.0
Recommended Pump Depth:	
Pumping Rate:	2.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933948897
Layer:	2
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	66.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933948896
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22.0
Water Found Depth UOM:	ft

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10 ***1 of 1*** ***SSW/128.1*** ***176.9 / 0.32*** ***ON*** ***BORE***

Borehole ID:	604939	**Inclin FLG:**	No
OGF ID:	215506747	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAR-1964	**Municipality:**	
Static Water Level:	0.4	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.891626
Total Depth m:	2	**Longitude DD:**	-79.25192
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642735
Drill Method:	Boring	**Northing:**	4750262
Orig Ground Elev m:	177	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	176		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218366614	**Mat Consistency:**	Soft

Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAY,SILT. BROWN,VERY SOFT,LAMINATED. 0000001400020015000400 20 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218366613	**Mat Consistency:**	Soft
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAY,SILT. BROWN,VERY SOFT, WATER STABLE AT 582.1 FEET.

Geology Stratum ID:	218366612	**Mat Consistency:**	Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAY,SILT. BROWN,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: 036090 NTS_Sheet: 30L14F
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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11 | ***1 of 1*** | ***WSW/141.9*** | ***178.8 / 2.29*** | ***20 Erie Street Port Colborne ON L3K 4L7*** | ***EHS***

Order No:	20120604006	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-JUN-12	**Search Radius (km):**	.25
Date Received:	04-JUN-12	**X:**	-79.253192
Previous Site Name:		**Y:**	42.892213
Lot/Building Size:			

Additional Info Ordered: Title Searches; Aerial Photos

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12 | **1 of 1** | **E/144.1** | **174.8 / -1.76** | **Dominion Natural Gas Co.** | **OOGW**

Humberstone ON

Licence No:	F014589	**Well Compl:**	26487
Well ID:	26874	**County:**	Welland
Well Compl ID:	26487	**Block:**	
W Class ID:		**Lot:**	28
UWI Code:	F014589	**Conc:**	II
Permit Date:		**Surface Lat NAD83:**	42.8929225
Depth(m):	201.17	**Surface Long NAD83:**	-79.24986972
Well Pool:	Welland Pool	**Bottom Lat NAD83:**	42.8929225
Completion Date:	1931-1-1 0:00:00	**Bottom Long NAD83:**	-79.24986972
Depth Reached:	1931-1-1 0:00:00	**Lot Sides (m):**	121.92 N
Capped Date:	1931-2-9 0:00:00	**E/W (m):**	396.24 E
Class ID:		**Latitude Nad27:**	
DB Source:		**Longitude Nad27:**	
Status as of:	August 2024	**bottom lat27:**	
Start Date:	1931-1-1 0:00:00	**bottom long27:**	
SPUD Date:	1931-1-1 0:00:00	**Lateral:**	No
Class:		**Accuracy:**	50.00
Grnd Elev:	174.91	**Method:**	Well Records (1921 to 1954)
KB Elev:	175.21	**Parent:**	
TVD:	201.17	**Prod Top:**	
PBTD:		**Prod Bot:**	
TD Form:		**PROPD Depth:**	201.17
Workover D:		**Location Method:**	Well Records (1921 to 1954)
Operator:	Dominion Natural Gas Co. Ltd.	**Location Accuracy:**	Within 50 metres
Township:	Humberstone	**Dt Obtained:**	
Target:		**Well Status Type:**	Natural Gas Well
Classification:		**Well Status Mode:**	Abandoned Well

Well Name: Dominion Natural Gas Co.
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.

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13 | **1 of 2** | **SSW/148.1** | **177.8 / 1.28** | **PIPELINE HIT - 1" 432 KING ST,,PORT COLBORNE,ON,L3K 4H4,CA ON** | **PINC**

Incident Id:		**Pipe Material:**	
Incident No:	1685834	**Fuel Category:**	
Incident Reported Dt:	7/21/2015	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	

Customer Acct Name: PIPELINE HIT - 1"
Incident Address: 432 KING ST,,PORT COLBORNE,ON,L3K 4H4,CA
Operation Type:
Pipeline Type:
Regulator Type:

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

Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	2 of 2	SSW/148.1	177.8 / 1.28	432 King St Port Colborne ON	SPL

Ref No: 2406-9YLRN6
Year:
Incident Dt: 7/20/2015
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/20/2015
Dt Document Closed: 8/26/2015
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Commercial Building<UNOFFICIAL>
Site Address: 432 King St
Site Region:
Site Municipality: Port Colborne
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause:
Incident Preceding Spill:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: strike on 1 inch gas main, made safe
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: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 15	SSE/151.0	175.1 / -1.49	Port Colborne Warehousing Ltd. #2 Killaly St. W. Port Colborne ON L3K 6A1	GEN

Generator Info

Generator No:	ON6299291	***Choice of Contact:***	
Approval Years:	04,05,06,07,08	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	417990
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Machinery Equipment and Supplies Wholesaler-Distributors		

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	2 of 15	SSE/151.0	175.1 / -1.49	Port Colborne Warehousing Ltd. #2 Killaly St. W. Port Colborne ON L3K 6A1	GEN

Generator Info

Generator No:	ON6299291	***Choice of Contact:***	
Approval Years:	2009	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	417990
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	All Other Machinery Equipment and Supplies Wholesaler-Distributors		

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

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14 | ***3 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No: ON6299291
Approval Years: 2010
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Machinery Equipment and Supplies Wholesaler-Distributors
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417990

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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: 221
Waste Class Name: LIGHT FUELS

---

14 | ***4 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No: ON6299291
Approval Years: 2011
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Machinery Equipment and Supplies Wholesaler-Distributors

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417990

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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14 | ***5 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No: ON6299291
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Machinery Equipment and Supplies Wholesaler-Distributors

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417990

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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: 221
Waste Class Name: LIGHT FUELS

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14 | 6 of 15 | SSE/151.0 | 175.1 / -1.49 | **Port Colborne Warehousing Ltd.**
#2 Killaly St. W.
Port Colborne ON | GEN

Generator Info

Generator No: ON6299291
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417990

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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14 | 7 of 15 | SSE/151.0 | 175.1 / -1.49 | **Port Colborne Warehousing Ltd.**
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | GEN

Generator Info

Generator No: ON6299291
Approval Years: 2016
Choice of Contact: CO_ADMIN
Contaminated Fac: No

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

Status: **MHSW Facility:** No
PO Box No: **SIC Code:** 417990
Country: Canada
Co Admin: Jeff Bognar
Phone No Admin: 905-835-1144 Ext.
SIC Description: ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

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

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14 | ***8 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***GE Water and Process Technologies*** ***2 Killaly Street West*** ***Port Colborne ON L3K 6A1*** | ***GEN***

Generator Info

Generator No: ON6136151
Approval Years: 2016
Status:
Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No

PO Box No: **SIC Code:** 325998
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: 325998

Waste Detail(s)

Waste Class: 135
Waste Class Name: REACTIVE ANION WASTES

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

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14 | **9 of 15** | **SSE/151.0** | **175.1 / -1.49** | **Port Colborne Warehousing Ltd.**
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | **GEN**

Generator Info

Generator No: ON6299291 **Choice of Contact:** CO_ADMIN
Approval Years: 2015 **Contaminated Fac:** No
Status: **MHSW Facility:** No
PO Box No: **SIC Code:** 417990
Country: Canada
Co Admin: Jeff Bognar
Phone No Admin: 905-835-1144 Ext.
SIC Description: ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

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14 | ***10 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No:	ON6299291	***Choice of Contact:***	CO_ADMIN
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	417990
Country:	Canada		
Co Admin:	Jeff Bognar		
Phone No Admin:	905-835-1144 Ext.		
SIC Description:	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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14 | ***11 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No: ON6299291
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: 268 C
Waste Class Name: Amines

Waste Detail(s)

Waste Class: 148 L
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: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

Waste Class: 113 C
Waste Class Name: Acid solutions - containing other metals and non-metals

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14 | **12 of 15** | **SSE/151.0** | **175.1 / -1.49** | **Port Colborne Warehousing Ltd.**
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | **GEN**

Generator Info

Generator No: ON6299291
Approval Years: As of Jul 2020
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: 148 L
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

Waste Class: 113 C
Waste Class Name: Acid solutions - containing other metals and non-metals

Waste Detail(s)

Waste Class: 148 B
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 263 L
Waste Class Name: Misc. waste organic chemicals

Waste Detail(s)

Waste Class: 148 C

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 I
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: 268 C
Waste Class Name: Amines

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14 | ***13 of 15*** | ***SSE/151.0*** | ***175.1 / -1.49*** | ***Port Colborne Warehousing Ltd.***
#2 Killaly St. W.
Port Colborne ON L3K 6A1 | ***GEN***

Generator Info

Generator No: ON6299291
Approval Years: As of Nov 2021
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: 148 L
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 113 C
Waste Class Name: Acid solutions - containing other metals and non-metals

Waste Detail(s)

Waste Class: 263 L
Waste Class Name: Misc. waste organic chemicals

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 268 C
Waste Class Name: Amines

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 148 I
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: Misc. waste organic chemicals

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

14	14 of 15	SSE/151.0	175.1 / -1.49	**Bell Marine** **#2 Killaly St. W.** **Port Colborne ON**	GEN

Generator Info

Generator No: ON6299291
Approval Years: As of Oct 2022
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: 148 B
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 148 L
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 263 L
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 268 C
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 148 I
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 113 C
Waste Class Name: ACID WASTE - OTHER METALS

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 148 C
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Generator Info (as of Dec 2024)

Generator No: ON6299291
Generator Company Name: Bell Marine
Street: #2 Killaly St. W.
City: Port Colborne
Province State: Ontario

Country: Canada
Postal Code: L3K6A1
Waste Class: 252 L,251 L,268 C,148 C,113 C,122 C,148 L,263 L,263 I,148 I,148 B

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 251 - OIL SKIMMINGS & SLUDGES; 268 - AMINES; 148 - INORGANIC LABORATORY CHEMICALS; 113 - ACID WASTE - OTHER METALS; 122 - ALKALINE WASTES - OTHER METALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS

Generator Info (as of Apr 2025)

Generator Company Name: Bell Marine
Generator Site Address: #2 Killaly St. W.
City: Port Colborne
Province State: Ontario
Country: Canada
Postal Code: L3K6A1
Waste Class: 252 L, 251 L, 268 C, 148 C, 113 C, 122 C, 148 L, 263 L, 263 I, 148 I, 148 B

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 251 - OIL SKIMMINGS & SLUDGES; 268 - AMINES; 148 - INORGANIC LABORATORY CHEMICALS; 113 - ACID WASTE - OTHER METALS; 122 - ALKALINE WASTES - OTHER METALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS

Waste Characteristic Decoded:

L - Liquid Industrial Waste; L - Liquid Industrial Waste; C - Corrosive; C - Corrosive; C - Corrosive; C - Corrosive; L - Liquid Industrial Waste; L - Liquid Industrial Waste; I - Ignitable; I - Ignitable; B - Hazardous Waste Chemical

2017 Generator Info

Gen No: ON6299291
ID: 24791
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 417990
NAICS Code2:
NAICS Code3:
Gen Name: Port Colborne Warehousing Ltd.
Gen Div:
Gen Op Name: Port Colborne Warehousing Ltd.
Gen Op Div:
Site Adrs1: #2 Killaly St. W.
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 6A1
Site Country: Canada
Co Official: Jeff Bognar
Co Admin: Jeff Bognar

Choice of Contact: CO_ADMIN
Phone No Official: 905-835-5729 Ext.
Phone No Admin: 905-835-1144 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

2018 Generator Info

Gen No: ON6299291
Choice of Contact: CO_ADMIN

ID:	25089	**Phone No Official:**	905-835-5729 Ext.
Contaminated Fac:	N	**Phone No Admin:**	905-835-1144 Ext.
MHSW Facility:	N	**County Ont:**	NIAGARA (R. M.)
NAICS Code1:	417990	**County Out:**	
NAICS Code2:		**District:**	203
NAICS Code3:			
Gen Name:	Port Colborne Warehousing Ltd.		
Gen Div:			
Gen Op Name:	Port Colborne Warehousing Ltd.		
Gen Op Div:			
Site Adrs1:	#2 Killaly St. W.		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K 6A1		
Site Country:	Canada		
Co Official:	Jeff Bognar		
Co Admin:	Jeff Bognar		

2019 Generator Info

Gen No:	ON6299291	**Choice of Contact:**	CO_ADMIN
ID:	25262	**Phone No Official:**	905-835-5729 Ext.
Contaminated Fac:	N	**Phone No Admin:**	905-835-1144 Ext.
MHSW Facility:	N	**County Ont:**	NIAGARA (R. M.)
NAICS Code1:	417990	**County Out:**	
NAICS Code2:		**District:**	203
NAICS Code3:			
Gen Name:	Port Colborne Warehousing Ltd.		
Gen Div:			
Gen Op Name:	Port Colborne Warehousing Ltd.		
Gen Op Div:			
Site Adrs1:	#2 Killaly St. W.		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K 6A1		
Site Country:	Canada		
Co Official:	Jeff Bognar		
Co Admin:	Jeff Bognar		

2020 Generator Info

Gen No:	ON6299291	**Choice of Contact:**	CO_ADMIN
ID:	24983	**Phone No Official:**	905-835-5729 Ext.
Contaminated Fac:	N	**Phone No Admin:**	905-835-1144 Ext.
MHSW Facility:	N	**County Ont:**	NIAGARA (R. M.)
NAICS Code1:	417990	**County Out:**	
NAICS Code2:		**District:**	203
NAICS Code3:			
Gen Name:	Port Colborne Warehousing Ltd.		
Gen Div:			
Gen Op Name:	Port Colborne Warehousing Ltd.		
Gen Op Div:			
Site Adrs1:	#2 Killaly St. W.		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		

Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 6A1
Site Country: Canada
Co Official: Jeff Bognar
Co Admin: Jeff Bognar

2020 Generator Manifest

ID: 46490
Generator No: ON6299291
Receiver Type: 035
Waste Char: B
Waste Code: 148
Sum Received Qty: 1.0
Waste Class Name: INORGANIC LABORATORY CHEMICALS
Count Manifests: 1
District: 305

2020 Generator Manifest

ID: 46491
Generator No: ON6299291
Receiver Type: 035
Waste Char: C
Waste Code: 148
Sum Received Qty: 133.0
Waste Class Name: INORGANIC LABORATORY CHEMICALS
Count Manifests: 2
District: 305

2020 Generator Manifest

ID: 46493
Generator No: ON6299291
Receiver Type: 035
Waste Char: I
Waste Code: 263
Sum Received Qty: 95.0
Waste Class Name: ORGANIC LABORATORY CHEMICALS
Count Manifests: 3
District: 305

2020 Generator Manifest

ID: 46492
Generator No: ON6299291
Receiver Type: 035
Waste Char: I
Waste Code: 148
Sum Received Qty: 5.0
Waste Class Name: INORGANIC LABORATORY CHEMICALS
Count Manifests: 2
District: 305

2021 Generator Info

Gen No: ON6299291
ID: 25410
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 417990
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_ADMIN
Phone No Official: 905-835-5729 Ext.
Phone No Admin: 905-835-1144 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: Port Colborne Warehousing Ltd.
Gen Div:
Gen Op Name: Port Colborne Warehousing Ltd.
Gen Op Div:
Site Adrs1: #2 Killaly St. W.
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 6A1
Site Country: Canada

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

Co Official: Jeff Bognar
Co Admin: Jeff Bognar

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14 | **15 of 15** | **SSE/151.0** | **175.1 / -1.49** | **Port Colborne Warehousing Ltd.**
2 Killaly St W
Port Colborne ON L3K 6A1 | **SCT**

Established: 01-SEP-55
Plant Size (ft²): 10000
Employment:

--Details--
Description: Chemical (except Agricultural) and Allied Product Wholesaler-Distributors
SIC/NAICS Code: 418410

Description: Hardware Wholesaler-Distributors
SIC/NAICS Code: 416330

Description: Amusement and Sporting Goods Wholesaler-Distributors
SIC/NAICS Code: 414470

Description: Amusement and Sporting Goods Wholesaler-Distributors
SIC/NAICS Code: 414470

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: All Other Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417990

Description: All Other Wholesaler-Distributors
SIC/NAICS Code: 418990

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15 | **1 of 1** | **SW/160.8** | **178.8 / 2.29** | **40-44 KILLALY ST W L3K3L5**
PORT COLBORNE ON | **WWIS**

Well ID:	6604920	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	12/12/2005
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z32385	**Contractor:**	7295
Tag:	A031549	**Form Version:**	3
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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6604920.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/06/2005

Year Completed:	2005
Depth (m):	5
Latitude:	42.8916000664109
Longitude:	-79.2528005985271
X:	-79.25280045046038
Y:	42.89160006205433
Path:	660\6604920.pdf

Bore Hole Information

Bore Hole ID:	11327003	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	642663.10
Code OB Desc:		**North83:**	4750258.00
Open Hole:		**Org CS:**	G83a
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/06/2005	**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:	933034603
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:	5.0
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933283138
Layer:	1
Plug From:	0.0
Plug To:	1.2000000476837158
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	966604920
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID: 11341858
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930871712
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.5
Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933416041
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 5.0
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.599999904632568

Hole Diameter

Hole ID: 11547847
Diameter: 5.5
Depth From: 0.0
Depth To: 5.0
Hole Depth UOM: m
Hole Diameter UOM: cm

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16 | **1 of 1** | **SW/163.1** | **178.8 / 2.29** | **PORT COLBORNE CITY**
RR #5(KILLALY ST.W)/ERIE ST.
PORT COLBORNE CITY ON | **CA**

Certificate #: 7-1109-94-
Application Year: 94
Issue Date: 11/16/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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17 | **1 of 1** | **SW/166.1** | **178.5 / 1.97** | **409 CATHERINE ST.**
PORT COLBORNE ON | **WWIS**

Well ID: 7240643 **Flowing (Y/N):**

Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z206764	**Contractor:**	7320
Tag:		**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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240643.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/08/2015
Year Completed: 2015
Depth (m):
Latitude: 42.891499765213
Longitude: -79.2527189281669
X: -79.25271878016062
Y: 42.89149976083611
Path: 724\7240643.pdf

Bore Hole Information

Bore Hole ID:	1005330904	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	642670.00
Code OB Desc:		**North83:**	4750247.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/08/2015	**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: 1005530670
Layer: 1
Color: 2
General Color: GREY
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:

Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530680
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530678
Layer: 1
Plug From: 4.0
Plug To: 0.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530679
Layer: 1
Plug From: 4.0
Plug To: 1.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005530677
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1005530669
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005530673
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

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

Construction Record - Screen

Screen ID: 1005530674
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.25

Water Details

Water ID: 1005530672
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005530671
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

18 | ***1 of 1*** | ***WSW/169.6*** | ***178.8 / 2.29*** | ***2155025 Ontario Inc.***
12 Erie St.
Port Colborne ON L3K 4L7 | ***GEN***

Generator Info

Generator No: ON6569107
Approval Years: 07,08
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 811310

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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19 | ***1 of 1*** | ***WSW/169.7*** | ***178.8 / 2.29*** | ***2155025 Ontario Inc.***
12 Erie Street, Port Colborne, Ontario
PORT COLBORNE ON | ***RSC***

RSC No: 46714
RA No:
Status: FILED
Filing Date:
Date Ack:
Date Returned:
X: -79.2532542947375
Y: 42.89205723814298
Latitude: 42.89205724
Longitude: -79.25325429
UTM Coordinates:
Latitude Longitude:

Approval Date:	February 13, 2009	**Accuracy Estimate:**	
Cert Date:		**Measurement Method:**	
Cert Prop Use No:		**Mailing Address:**	
Curr Property Use:		**Telephone:**	
Intended Prop Use:		**Fax:**	
Restoration Type:		**Email:**	
Soil Type:		**Postal Code:**	
Criteria:		**Ministry District:**	
Stratified (Y/N):		**MOE District:**	Niagara
Audit (Y/N):		**SWP Area Name:**	Niagara Peninsula
Entire Leg Prop. (Y/N):		**Qual Person Name:**	David J Morrison
CPU Issu Sect 1686:		**Consultant:**	
Business Name:	2155025 Ontario Inc.		
Address:	12 Erie Street, Port Colborne, Ontario		
Legal Desc:			
Site Pin:	64147-0033		
Asmt Roll No:			
Project Type:	PRE2011		
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=46714		

20	1 of 1	SW/180.9	178.8 / 2.29	409 CATHERINE ST PORT COLBORNE ON	WWIS

Well ID:	7240644	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z206766	**Contractor:**	7320
Tag:		**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:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240644.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/08/2015
Year Completed:	2015
Depth (m):	0
Latitude:	42.8915691259523
Longitude:	-79.2531333587837
X:	-79.25313321059325
Y:	42.89156912205793
Path:	724\7240644.pdf

Bore Hole Information

Bore Hole ID:	1005330907	**Elevation:**	

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	642636.00
Code OB Desc:		**North83:**	4750254.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/08/2015	**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:	1005530724
Layer:	1
Color:	2
General Color:	GREY
Material 1:	
Material 1 Desc:	
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530733
Layer:	2
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530732
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005530731
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005530723

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005530727
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005530728
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 1005530726
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005530725
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

21	*1 of 2*	*SSW/182.0*	*177.8 / 1.26*	***SIMPLEX TURMAR (CANADA) INC.*** ***420 KING ST*** ***PORT COLBORNE ON L3K 4H4***	*SCT*

Established: 1979
Plant Size (ft²): 2000
Employment: 5

--Details--
Description: Non-Ferrous Foundries (except Die-Casting)
SIC/NAICS Code: 331529

Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321

Description: Other Engine and Power Transmission Equipment Manufacturing
SIC/NAICS Code: 333619

Description: All Other General-Purpose Machinery Manufacturing
SIC/NAICS Code: 333990

Description: All Other Miscellaneous Manufacturing
SIC/NAICS Code: 339990

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21 | **2 of 2** | **SSW/182.0** | **177.8 / 1.26** | **Simplex Turmar Inc.**
420 King St
Port Colborne ON L3K 4H4 | **SCT**

Established: 1979
Plant Size (ft²): 2000
Employment: 5

--Details--
Description: Other New Motor Vehicle Parts and Accessories Wholesaler-Distributors
SIC/NAICS Code: 415290

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: All Other Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417990

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22 | **1 of 1** | **SW/182.1** | **178.8 / 2.29** | **409 CATHERINE ST**
PORT COLBIURNE ON | **WWIS**

Well ID:	7240642	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z206765	**Contractor:**	7320
Tag:		**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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240642.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/08/2015
Year Completed: 2015
Depth (m): 0
Latitude: 42.8915878754343
Longitude: -79.253181816457
X: -79.25318166749938

Y: 42.891587871270566
Path: 724\7240642.pdf

Bore Hole Information

Bore Hole ID: 1005330901
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/08/2015
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: 642632.00
North83: 4750256.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005530617
Layer: 1
Color: 2
General Color: GREY
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530625
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530626
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005530624
Method Construction Code: 2

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

Pipe Information

Pipe ID: 1005530616
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005530620
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005530621
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.25

Water Details

Water ID: 1005530619
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005530618
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

23	1 of 18	SW/186.2	178.8 / 2.24	40-44 Killally Street West Port Colborne ON	EHS

Order No: 20090306039
Status: C
Report Type: Site Report
Report Date: 3/6/2009
Date Received: 3/6/2009
Previous Site Name:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.252956
Y: 42.891477

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:					
23	2 of 18	SW/186.2	178.8 / 2.24	491374 ONTARIO LTD. 40-44 KILLALY STREET WEST PORT COLBORNE ON	GEN

Generator Info

Generator No:	ON1802800	**Choice of Contact:**	
Approval Years:	93,94,95,96,97,98	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9919
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	OTHER MACH. RENTAL		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

23	3 of 18	SW/186.2	178.8 / 2.24	REGIONAL EQUIPMENT CENTRE 40-44 KILLALY STREET WEST PORT COLBORNE ON L3K 3L5	GEN

Generator Info

Generator No:	ON1802800	**Choice of Contact:**	
Approval Years:	99,00,01	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9919
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	OTHER MACH. RENTAL		

Waste Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES

Waste Detail(s)

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

23	4 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40 Killaly St. W	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Port Colborne ON L3K 3L5	

Generator Info

Generator No:	ON7174202	**Choice of Contact:**	
Approval Years:	06	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	913910
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Other Local Municipal and Regional Public Administ		

Waste Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS

23	5 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON L3K3L5	GEN

Generator Info

Generator No:	ON9427986	**Choice of Contact:**	
Approval Years:	07,08	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	447190
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Other Gasoline Stations		

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

23	6 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON	GEN

Generator Info

Generator No:	ON9427986	**Choice of Contact:**	
Approval Years:	2009	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	447190
Country:			
Co Admin:			

Phone No Admin:
SIC Description: Other Gasoline Stations

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

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23 ***7 of 18*** ***SW/186.2*** ***178.8 / 2.24*** ***City of Port Colborne***
40-44 Killaly Street
Port Colborne ON ***GEN***

Generator Info

Generator No: ON9427986
Approval Years: 2010
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Other Gasoline Stations

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 447190

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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23 ***8 of 18*** ***SW/186.2*** ***178.8 / 2.24*** ***City of Port Colborne***
40-44 Killaly Street
Port Colborne ON ***GEN***

Generator Info

Generator No: ON9427986
Approval Years: 2011
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Other Gasoline Stations

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 447190

Waste Detail(s)

Waste Class: 252

Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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23 | ***9 of 18*** | ***SW/186.2*** | ***178.8 / 2.24*** | ***City of Port Colborne***
40-44 Killaly Street
Port Colborne ON L3K3L5 | ***GEN***

Generator Info

Generator No: ON9427986
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Other Gasoline Stations

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 447190

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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23 | ***10 of 18*** | ***SW/186.2*** | ***178.8 / 2.24*** | ***City of Port Colborne***
40-44 Killaly Street
Port Colborne ON | ***GEN***

Generator Info

Generator No: ON9427986
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 447190

Waste Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	11 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON L3K3L5	GEN

Generator Info

Generator No:	ON9427986	***Choice of Contact:***	CO_ADMIN
Approval Years:	2016	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	447190
Country:	Canada		
Co Admin:	Deanna Gemmell		
Phone No Admin:	905-687-6616 Ext.		
SIC Description:	447190		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	12 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON L3K3L5	GEN

Generator Info

Generator No:	ON9427986	***Choice of Contact:***	CO_ADMIN
Approval Years:	2015	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	447190
Country:	Canada		
Co Admin:	Deanna Gemmell		
Phone No Admin:	905-687-6616 Ext.		
SIC Description:	447190		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	13 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON L3K3L5	GEN

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

Generator Info

Generator No:	ON9427986	***Choice of Contact:***	CO_ADMIN
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	447190
Country:	Canada		
Co Admin:	Kelly Patterson		
Phone No Admin:	905-687-6616 Ext.		
SIC Description:	447190		

Waste Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

Waste Detail(s)

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

23	***14 of 18***	***SW/186.2***	***178.8 / 2.24***	***City of Port Colborne*** ***40-44 Killaly Street*** ***Port Colborne ON L3K3L5***	***GEN***

Generator Info

Generator No:	ON9427986	***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:	251 L
Waste Class Name:	Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class:	146 L
Waste Class Name:	Other specified inorganic sludges, slurries or solids

Waste Detail(s)

Waste Class:	252 L
Waste Class Name:	Waste crankcase oils and lubricants

23	***15 of 18***	***SW/186.2***	***178.8 / 2.24***	***City of Port Colborne*** ***40-44 Killaly Street*** ***Port Colborne ON L3K3L5***	***GEN***

Generator Info

Generator No: ON9427986
Approval Years: As of Jul 2020
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: 146 L
Waste Class Name: Other specified inorganic sludges, slurries or solids

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)

23	16 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street Port Colborne ON L3K3L5	GEN

Generator Info

Generator No: ON9427986
Approval Years: As of Nov 2021
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: 146 L
Waste Class Name: Other specified inorganic sludges, slurries or solids

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)

23	17 of 18	SW/186.2	178.8 / 2.24	City of Port Colborne 40-44 Killaly Street	GEN

Generator Info

Generator No:	ON9427986	***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:	252 L
Waste Class Name:	WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class:	251 L
Waste Class Name:	OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class:	146 L
Waste Class Name:	OTHER SPECIFIED INORGANICS

Generator Info (as of Dec 2024)

Generator No:	ON9427986
Generator Company Name:	City of Port Colborne
Street:	40-44 Killaly Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K3L5
Waste Class:	252 L,146 L,251 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 146 - OTHER SPECIFIED INORGANICS; 251 - OIL SKIMMINGS & SLUDGES

Generator Info (as of Apr 2025)

Generator Company Name:	City of Port Colborne
Generator Site Address:	40-44 Killaly Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K3L5
Waste Class:	252 L, 146 L, 251 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 146 - OTHER SPECIFIED INORGANICS; 251 - OIL SKIMMINGS & SLUDGES

Waste Characteristic Decoded:

L - Liquid Industrial Waste; L - Liquid Industrial Waste; L - Liquid Industrial Waste

2017 Generator Info

Gen No:	ON9427986	***Choice of Contact:***	CO_ADMIN
ID:	36831	***Phone No Official:***	905-687-6616 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905-687-6616 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	447190	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	City of Port Colborne		
Gen Div:			
Gen Op Name:	City of Port Colborne		
Gen Op Div:			
Site Adrs1:	40-44 Killaly Street		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K3L5		
Site Country:	Canada		
Co Official:	Kelly Patterson		
Co Admin:	Deanna Mazachowsky		

2017 Generator Manifest

ID:	65429	***Sum Received Qty:***	17601.0
Generator No:	ON9427986	***Waste Class Name:***	OIL SKIMMINGS & SLUDGES
Receiver Type:	030	***Count Manifests:***	1
Waste Char:	L	***District:***	201
Waste Code:	251		

2017 Generator Manifest

ID:	65428	***Sum Received Qty:***	14320.0
Generator No:	ON9427986	***Waste Class Name:***	OTHER SPECIFIED INORGANICS
Receiver Type:	030	***Count Manifests:***	1
Waste Char:	L	***District:***	201
Waste Code:	146		

2018 Generator Info

Gen No:	ON9427986	***Choice of Contact:***	CO_ADMIN
ID:	37561	***Phone No Official:***	905-687-6616 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905-687-6616 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	447190	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	City of Port Colborne		
Gen Div:			
Gen Op Name:	City of Port Colborne		
Gen Op Div:			
Site Adrs1:	40-44 Killaly Street		
Site Bldg:			
Site Pobox:			

Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K3L5
Site Country: Canada
Co Official: Kelly Patterson
Co Admin: Tracy Wolowidnek

2019 Generator Info

Gen No: ON9427986
ID: 38099
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 447190
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_OFFICIAL
Phone No Official: 905-835-2901 Ext.256
Phone No Admin: 905-835-2901 Ext.104
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: City of Port Colborne
Gen Div:
Gen Op Name: City of Port Colborne
Gen Op Div:
Site Adrs1: 40-44 Killaly Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K3L5
Site Country: Canada
Co Official: Darlene Suddard
Co Admin: Shardai Konig

2020 Generator Info

Gen No: ON9427986
ID: 37862
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 447190
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_ADMIN
Phone No Official: 905-835-2901 Ext.256
Phone No Admin: 905-835-2901 Ext.250
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: City of Port Colborne
Gen Div:
Gen Op Name: City of Port Colborne
Gen Op Div:
Site Adrs1: 40-44 Killaly Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K3L5
Site Country: Canada
Co Official: Darlene Suddard
Co Admin: Cassandra Banting

2020 Generator Manifest

ID: 62089
Generator No: ON9427986
Sum Received Qty: 200.0
Waste Class Name: WASTE OILS & LUBRICANTS

Receiver Type:	030	**Count Manifests:**	1
Waste Char:	L	**District:**	201
Waste Code:	252		

2021 Generator Info

Gen No:	ON9427986	**Choice of Contact:**	CO_ADMIN
ID:	38849	**Phone No Official:**	905-835-2901 Ext.256
Contaminated Fac:	N	**Phone No Admin:**	905-835-2901 Ext.250
MHSW Facility:	N	**County Ont:**	NIAGARA (R. M.)
NAICS Code1:	447190	**County Out:**	
NAICS Code2:		**District:**	203
NAICS Code3:			

Gen Name:	City of Port Colborne
Gen Div:	
Gen Op Name:	City of Port Colborne
Gen Op Div:	
Site Adrs1:	40-44 Killaly Street
Site Bldg:	
Site Pobox:	
Province In:	ONTARIO
Site Adrs2:	
Site City:	Port Colborne
Province Out:	
Site Postal Code:	L3K3L5
Site Country:	Canada
Co Official:	Darlene Suddard
Co Admin:	Cassandra Banting

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23 | **18 of 18** | **SW/186.2** | **178.8 / 2.24** | **40-44 Killaly St West Port Colborne ON** | **SPL**

Ref No:	6205-7J8PE8	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:		**Discharger Report:**	
Dt MOE Arvl on Scn:	9/9/2008	**Material Group:**	
MOE Reported Dt:	9/6/2008	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			

MOE Response:	Planned Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Niagara
Nearest Watercourse:	
Site Name:	Demolition Site<UNOFFICIAL>
Site Address:	
Site Region:	
Site Municipality:	Port Colborne
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	
Incident Preceding Spill:	
Incident Reason:	Vandalism - Illegal/deliberate (incl. sabotage)
Incident Summary:	Killaly St. W - 1L solvent to grd
Environment Impact:	Not Anticipated
Health Env Consequence:	

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

Nature of Impact:
Contaminant Qty: 1 L
Contaminant Qty 1: 1
Contaminant Unit: L
Contaminant Code: 24
Contaminant Name: SOLVENT (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: Other
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

24	1 of 2	S/187.0	175.9 / -0.68	WEST SHORE MARINE 417 KING ST PORT COLBORNE ON L3K 4H2	RST

Headcode: 00824400
Headcode Desc: MARINAS
Phone:
List Name:
Description:

24	2 of 2	S/187.0	175.9 / -0.68	WEST SHORE MARINE 417 KING ST PORT COLBORNE ON L3K4H2	RST

Headcode: 00824400
Headcode Desc: MARINAS
Phone: 9058356882
List Name: INFO-DIRECT(TM) BUSINESS FILE
Description:

25	1 of 1	NNW/198.6	176.4 / -0.12	PORT COLBORNE CITY UNION ST./KING ST. PORT COLBORNE CITY ON	CA

Certificate #: 3-0902-92-
Application Year: 92
Issue Date: 7/29/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

26	1 of 1	NNW/198.6	176.4 / -0.12	PORT COLBORNE FORCE MAIN AT UNION AND KING ST.	SPL

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

PUMPING STATION
PORT COLBORNE CITY ON

Ref No:	177370	**Municipality No:**	18102
Year:		**Nature of Damage:**	
Incident Dt:	2/9/2000	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2/9/2000	**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:	PORT COLBORNE CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	VALVE/FITTING LEAK OR FAILURE		
Incident Preceding Spill:			
Incident Reason:	UNKNOWN		
Incident Summary:	PORT COLBORNE STP:FORCE- MAIN LEAKING MINOR QUAN- TITIES SEWAGE.BLOWNGASKET		
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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	1 of 1	SW/199.8	178.6 / 2.06	409 CATHERINE ST PORT CALBOURNE ON	WWIS

Well ID:	7240638	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes

Audit No:	Z206767	**Contractor:**	7320
Tag:		**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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240638.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/08/2015
Year Completed: 2015
Depth (m): 0
Latitude: 42.8912139735457
Longitude: -79.252873957953
X: -79.25287380959047
Y: 42.89121396993431
Path: 724\7240638.pdf

Bore Hole Information

Bore Hole ID:	1005330889	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	642658.00
Code OB Desc:		**North83:**	4750215.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/08/2015	**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: 1005530278
Layer: 1
Color: 2
General Color: GREY
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530287
Layer:	2
Plug From:	
Plug To:	0.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530286
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005530285
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005530277
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005530281
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005530282
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.25

Water Details

Water ID:	1005530280

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

Hole Diameter

Hole ID: 1005530279
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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28 ***1 of 1*** ***WSW/202.2*** ***179.0 / 2.47*** ***ON*** ***WWIS***

Well ID:	6600680	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Cooling And A/C	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/22/1950
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1915
Tag:		***Form Version:***	1
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:	PORT COLBORNE CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600680.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/08/1949
Year Completed: 1949
Depth (m): 20.4216
Latitude: 42.8920763453411
Longitude: -79.2539163090471
X: -79.253916161243
Y: 42.892076341248554
Path: 660\6600680.pdf

Bore Hole Information

Bore Hole ID:	10460414	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642570.90
Code OB Desc:		***North83:***	4750309.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/08/1949	***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: 932589716
Layer: 1
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966600680
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11008984
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930747741
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 7.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930747742
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:	996600680
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933947943
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	67.0
Water Found Depth UOM:	ft

---

29 **1 of 1** **NNE/205.7** **175.3 / -1.27** **ON** **BORE**

Borehole ID:	604940	**Inclin FLG:**	No
OGF ID:	215506748	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAR-1964	**Municipality:**	
Static Water Level:	0.4	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.894587
Total Depth m:	7.8	**Longitude DD:**	-79.251224
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642785
Drill Method:	Boring	**Northing:**	4750592
Orig Ground Elev m:	177	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	176		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218366616	**Mat Consistency:**	Soft
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	

Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT. BROWN,VERY SOFT, WATER STABLE AT 581.5 FEET.		

Geology Stratum ID:	218366618	**Mat Consistency:**	Soft
Top Depth:	1.9	**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:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT. BROWN,VERY SOFT,LAMINATED.		

Geology Stratum ID:	218366619	**Mat Consistency:**	Dense
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	5.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, CHERT. GREY,DENSE,CRYSTALINE.		

Geology Stratum ID:	218366615	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	fill
Gsc Material Description:			
Stratum Description:	FILL,SAND,GRAVEL, CLAY. VARI-COLOURED.		

Geology Stratum ID:	218366617	**Mat Consistency:**	Soft
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	1.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT. BROWN,VERY SOFT.		

Geology Stratum ID:	218366620	**Mat Consistency:**	
Top Depth:	5.6	**Material Moisture:**	
Bottom Depth:	5.8	**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:	218366621	**Mat Consistency:**	
Top Depth:	5.8	**Material Moisture:**	
Bottom Depth:	7.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	

Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, CHERT. GREY. 023 024 022 00000021000250150004502 **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: 036100 NTS_Sheet: 30L14F		
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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	SW/207.7	178.8 / 2.29	lot 48 ON	WWIS

Well ID:	7048585	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	08/23/2007
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z44903	**Contractor:**	7003
Tag:	A025443	**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	048
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:	PORT COLBORNE CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7048585.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/07/2007
Year Completed:	2007
Depth (m):	7
Latitude:	42.8912539017032
Longitude:	-79.2531300108405
X:	-79.25312986259961

Y: 42.8912538977999
Path: 704\7048585.pdf

Bore Hole Information

Bore Hole ID: 23048585
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/07/2007
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: 642637.00
North83: 4750219.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 30248585
Layer: 2
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.800000011920929
Formation End Depth: 2.4000000953674316
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30348585
Layer: 3
Color: 2
General Color: GREY
Material 1: 16
Material 1 Desc: DOLOMITE
Material 2:
Material 2 Desc:
Material 3: 71
Material 3 Desc: FRACTURED
Formation Top Depth: 2.4000000953674316
Formation End Depth: 7.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30148585
Layer: 1
Color: 6

General Color:	BROWN
Material 1:	01
Material 1 Desc:	FILL
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	01
Material 3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	0.800000011920929
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44004108
Layer:	1
Plug From:	0.0
Plug To:	2.4000000953674316
Plug Depth UOM:	m

Pipe Information

Pipe ID:	29048585
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	42148585
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	7.0
Casing Diameter:	5.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	43148585
Layer:	1
Slot:	10
Screen Top Depth:	2.4000000953674316
Screen End Depth:	7.0
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

31 ***1 of 1*** ***SW/209.1*** ***178.8 / 2.19*** ***409 CATHERINE ST. PORT COLBORNE ON*** ***WWIS***

Well ID:	7240639	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	
Final Well Status:	Abandoned-Quality	***Date Received:***	04/27/2015
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z206768	***Contractor:***	7320

Tag:		**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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240639.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/08/2015
Year Completed: 2015
Depth (m):
Latitude: 42.8911893994767
Longitude: -79.2530338584097
X: -79.25303370966239
Y: 42.89118939468892
Path: 724\7240639.pdf

Bore Hole Information

Bore Hole ID:	1005330892	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	642645.00
Code OB Desc:		**North83:**	4750212.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/08/2015	**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: 1005530340
Layer: 1
Color: 2
General Color: GREY
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530350
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530349
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530348
Layer: 1
Plug From:
Plug To: 0.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005530347
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1005530339
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005530343
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005530344
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:

Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.25

Water Details

Water ID: 1005530342
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005530341
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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32 | **1 of 1** | **ESE/209.1** | **175.2 / -1.35** | **Port Colborne ON** | **FRST**

Tank System ID: 678
EC No: 678
Internal No: PCo-01; DTE
Is Perm Withdrwl: FALSE
Removed Date:
Withdrawn Date:
Temp Withdrawn Dt:
Tank Use E:
Tank Use F:
Year of Manufact:
Emerg Plan Same as: FALSE
Operator Contact:
Owner Contact:
Tank System City: Port Colborne
Tank Sys Prov E: Ontario
Tank Use:
Tank Manufacturer:
Tank System Address:
Tank Sys Prov F: Ontario
Tank Sys PO BOX:
Tank Sys Postal Cd:
Sys Record City: St.Catharines
Sys Record Prov E: Ontario
Sys Record Prov F: Ontario
Sys Record PO BOX:
Sys Rec Postal Cd:
System Rec Same as: FALSE
Location Latitude: 425332
Location Longitude: 791457
Creation Date: 08-Apr-2009 00:00:00
Creation By: Section 19
Modified Date: 28-Jan-2010 00:00:00
Modified By:
Sys Record Address: Section 19
System Descr: Port Colborne Maintenance Centre, Diesel Tank for Small Equipment, PCo-01; DTE
Certification System Installer:
Certification System Remover:
Group Name:
Master Group Name:
Owner Email:
Operator Email:
Land Owner E: Third party on federal land
Land Owner F: Tiers sur terre fédérale

Service Months

Service Months E: September
Service Months F: Septembre

Service Months E: April
Service Months F: Avril

Service Months E: June
Service Months F: Juin

Service Months E: March
Service Months F: Mars

Service Months E: November
Service Months F: Novembre

Service Months E: January
Service Months F: Janvier

Service Months E: October
Service Months F: Octobre

Service Months E: February
Service Months F: Février

Service Months E: December
Service Months F: Décembre

Service Months E: August
Service Months F: Août

Service Months E: July
Service Months F: Juillet

Service Months E: May
Service Months F: Mai

Tanks Details

Tank ID: 1122
Tank Capacity: 4540
Tank Type E: Aboveground
Tank Type F: Hors sol
Date of Install: 2003
Date Withdrawn Tk:
Date Removed Tank:
Tank Desc: Port Colborne Maintenance Centre, Double-Wall 4540L Diesel Tank for Small Equipment, PCo-01; DTE
Tank Stdd No E: ULC-S601
Tank Std No F: ULC-S601
Tank Std No Other:
Tank Constr Material E: Jacketed steel
Tank Constr Material F: Acier à double paroi (chemise en acier)
Tank Constr Material Other:
Internal No: PCo-01; DTE
Tank Content E: Diesel
Tank Content F: Diesel
Tank Content Other:
Piping Diameter: 1.5
Spill Containment E: Devices for Aboveground Tanks (ORD-C142.19)
Spill Containment F: Réservoir hors sol (ORD-C142.19)
Spill Containment Other:
Product Transfer Area: Caption box.
Date Wthdrwn Other Component:
Date Removed Other Component:

Dt Wthdrwn Piping:
Date Remvd Piping:
Tk Type of Pump E: No pump
Tk Type of Pump F: Aucune pompe
Piping Type E: Aboveground
Piping Type F: Hors sol
Piping Diam Unit: inch

Piping Construction Materials

Component E: Flexible metallic

Component F: Métallique flexible
Other:

Piping Secondary Containment

Tank ID: 1122
Component E: None
Component F: Aucun
Other:

Tank Corrosion Protection

Component E: Painted
Component F: Peinturé
Other:

Piping Corrosion Protection

Component E: Coating – bonded plastic, resin, epoxy or polyurethane coated
Component F: Revêtement-plastique contrecollé ou de résine, d'époxy ou de polyuréthane
Other:

Tank Leak Detection

Component E: Interstitial monitoring – double walled tank
Component F: Surveillance interstitielle- réservoir à double paroi
Other:

Piping Leak Detection

Component E: Visual inspection
Component F: Inspection visuelle
Other:

Tank Secondary Containment

Component E: Double Walled
Component F: Double paroi
Other:

Tank Overflow Protection

Component E: None
Component F: Aucun
Other:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 2	N/211.4	175.6 / -0.95	REGIONAL MUNICIPALITY OF NIAGARA 1 UNION STREET PORT COLBORNE CITY ON	CA

Certificate #: 8-2349-95-006
Application Year: 95
Issue Date: 12/11/95
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description: 150KW STANDBY POWER FOR SEW.PUMP STATION
Contaminants:
Emission Control:

---

33 | **2 of 2** | **N/211.4** | **175.6 / -0.95** | **Regional Municipality of Niagara**
1 Union St.
Port Colborne ON | **SPL**

Ref No: 0503-BTAJXL
Year:
Incident Dt: 2020/09/09
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/09/09
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District: Regional Municipality of Niagara
Site Geo Ref Meth:
Site District Office: Niagara
Nearest Watercourse:
Site Name: pump station<UNOFFICIAL>
Site Address: 1 Union St.
Site Region: West Central
Site Municipality: Port Colborne
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum: NAD83
Northing: 4750588.95
Easting: 642781.44
Entity Operating Name:
Client Name: Regional Municipality of Niagara
Client Type: Corporation
Source Type: Sewage Treatment
Incident Cause:
Incident Preceding Spill: Leak/Break
Incident Reason: Unknown / N/A
Incident Summary: Niagara Region: forcemain break Union St PS, contained
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: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Receiving Medium: Land; Source Water Zone
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Municipal Sewage
SAC Action Class: Sewage Incident Report Flowchart
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:

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34 | **1 of 3** | **W/211.8** | **179.1 / 2.50** | **ENBRIDGE GAS INC**
111 KILLALY ST W,,PORT COLBORNE,ON,L3K | **PINC**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				3L7,CA ON	

Incident Id:
Incident No: 2617892
Incident Reported Dt: 6/25/2019
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 111 KILLALY ST W,,PORT COLBORNE,ON,L3K 3L7,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	2 of 3	W/211.8	179.1 / 2.50	111 Kilally Street Port Colborne ON	SPL

Ref No: 3251-BDGQK9
Year:
Incident Dt: 6/25/2019
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/25/2019
Dt Document Closed: 10/24/2019
Site No: NA
MOE Response: No
Site County/District: Regional Municipality of Niagara
Site Geo Ref Meth:
Site District Office: Niagara
Nearest Watercourse:
Site Name: Commerical <UNOFFICIAL>
Site Address: 111 Kilally Street
Site Region: West Central
Site Municipality: Port Colborne
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type: Valve/Fitting/Piping
Incident Cause:
Incident Preceding Spill: Leak/Break
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: 1 1/4" steel service IP, made safe
Environment Impact:
Health Env Consequence:
Nature of Impact:
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	Air
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

34 **3 of 3** **W/211.8** **179.1 / 2.50** **111 KILLALY STREET W**
Port Colborne ON **WWIS**

Well ID:	7150822	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	09/03/2010
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z105953	**Contractor:**	4795
Tag:	A079408	**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:	PORT COLBORNE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1003331356	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	
Code OB:		**East83:**	
Code OB Desc:		**North83:**	
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	07/10/2010	**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:	1003358877
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	74
Material 3 Desc:	LAYERED
Formation Top Depth:	1.0
Formation End Depth:	29.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003358876
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	12
Material 2 Desc:	STONES
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003358879
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003358889
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1003358874
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003358881
Layer:	1
Material:	1

Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 20.0
Casing Diameter: 5.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1003358882
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 20.0
Depth To: 29.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003358883
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1003358875
Pump Set At: 28.0
Static Level: 16.0
Final Level After Pumping: 17.0
Recommended Pump Depth: 25.0
Pumping Rate: 21.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1003358887
Test Type: Draw Down
Test Duration: 60
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003358884

Test Type:	Draw Down
Test Duration:	15
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003358886
Test Type:	Draw Down
Test Duration:	50
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003358885
Test Type:	Draw Down
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

Water Details

Water ID:	1003358880
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003358878
Diameter:	8.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

35 | ***1 of 1*** | ***SW/215.4*** | ***178.8 / 2.29*** | ***409 CATHERINE ST, PORT COLBORNE ON*** | ***WWIS***

Well ID:	7240640	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z206769	**Contractor:**	7320
Tag:		**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:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240640.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/08/2015
Year Completed: 2015
Depth (m): 0
Latitude: 42.8911822668222
Longitude: -79.2531565264025
X: -79.25315637816941
Y: 42.89118226299908
Path: 724\7240640.pdf

Bore Hole Information

Bore Hole ID: 1005330895
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/08/2015
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: 642635.00
North83: 4750211.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005530358
Layer: 1
Color: 2
General Color: GREY
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005530366
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530367
Layer:	2
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005530365
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005530357
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005530361
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005530362
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.25

Water Details

Water ID:	1005530360
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005530359
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft

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

Hole Diameter UOM: inch

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36 | **1 of 1** | **WNW/220.4** | **178.8 / 2.29** | **57 Minto Street**
Port Colborne ON L3K 3N1 | **EHS**

Order No:	20200515110	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-MAY-20	**Search Radius (km):**	.25
Date Received:	15-MAY-20	**X:**	-79.2540731
Previous Site Name:		**Y:**	42.8935857
Lot/Building Size:			
Additional Info Ordered:			

---

37 | **1 of 2** | **WNW/220.4** | **178.8 / 2.29** | **57 Minto Street**
Port Colborne ON | **EHS**

Order No:	20130313005	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-MAR-13	**Search Radius (km):**	.25
Date Received:	13-MAR-13	**X:**	0
Previous Site Name:		**Y:**	0
Lot/Building Size:			
Additional Info Ordered:			

---

37 | **2 of 2** | **WNW/220.4** | **178.8 / 2.29** | **NIAGARA PENINSULA HOUSING CORPORATION**
57 MINTO STREET ON
Port Colborne ON | **RSC**

RSC No:	222684	**X:**	-79.25419439875031
RA No:		**Y:**	42.89354911317831
Status:	FILED	**Latitude:**	42.89354911
Filing Date:		**Longitude:**	-79.2541944
Date Ack:		**UTM Coordinates:**	
Date Returned:		**Latitude Longitude:**	
Approval Date:	November 8, 2016	**Accuracy Estimate:**	
Cert Date:		**Measurement Method:**	
Cert Prop Use No:		**Mailing Address:**	
Curr Property Use:		**Telephone:**	
Intended Prop Use:		**Fax:**	
Restoration Type:		**Email:**	
Soil Type:		**Postal Code:**	L3K 3N1
Criteria:		**Ministry District:**	
Stratified (Y/N):		**MOE District:**	Niagara
Audit (Y/N):		**SWP Area Name:**	Niagara Peninsula
Entire Leg Prop. (Y/N):		**Qual Person Name:**	KEVIN CHRISTIAN
CPU Issu Sect 1686:		**Consultant:**	

Business Name:	NIAGARA PENINSULA HOUSING CORPORATION
Address:	57 MINTO STREET ON
Legal Desc:	
Site Pin:	64147-0096 (LT), 64147-0097 (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=222684

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 2	SSW/222.8	176.9 / 0.30	PIPELINE HIT - 1/2" 402 KING STREET,,PORT COLBORNE,ON,L3K 4H4,CA ON	PINC

Incident Id:
Incident No: 1589174
Incident Reported Dt: 3/5/2015
Type: FS-Pipeline Incident
Status Code:
Tank Status: Not Investigated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: PIPELINE HIT - 1/2"
Incident Address: 402 KING STREET,,PORT COLBORNE,ON,L3K 4H4,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	2 of 2	SSW/222.8	176.9 / 0.30	402 King Street East Port Colborne ON	SPL

Ref No: 0618-9UARQM
Year:
Incident Dt: 3/4/2015
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/4/2015
Dt Document Closed:
Site No: NA
MOE Response: N
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: 402 King Street East, Port Colborne<UNOFFICIAL>
Site Address: 402 King Street East
Site Region:
Site Municipality: Port Colborne
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: Leak/Break
Incident Preceding Spill:
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: 1/2 pl line strike by backhoe; made safe
Environment Impact:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Health Env Consequence:	
Nature of Impact:	Air
Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	Air Spills - Gases and Vapours
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

39 | **1 of 1** | **SW/224.8** | **178.8 / 2.29** | **409 CATHERINE ST PORT COLBORNE ON** | **WWIS**

Well ID:	7240641	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	04/27/2015
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z206770	**Contractor:**	7320
Tag:		**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:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7240641.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/08/2015
Year Completed:	2015
Depth (m):	0
Latitude:	42.8910461297525
Longitude:	-79.2530868896307
X:	-79.25308674170037
Y:	42.89104612617055
Path:	724\7240641.pdf

Bore Hole Information

Bore Hole ID:	1005330898	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		***East83:***	642641.00
Code OB Desc:		***North83:***	4750196.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	04/08/2015	***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:	1005530606
Layer:	1
Color:	2
General Color:	GREY
Material 1:	
Material 1 Desc:	
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530615
Layer:	2
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005530614
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005530613
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005530605
Casing No:	0
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	1005530609
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005530610
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.25

Water Details

Water ID:	1005530608
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005530607
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

40 **1 of 1** **SE/233.0** **174.8 / -1.72** **ON** **BORE**

Borehole ID:	605081	**Inclin FLG:**	No
OGF ID:	215506889	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	NOV-1971	**Municipality:**	
Static Water Level:	0.3	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.890881
Total Depth m:	-999	**Longitude DD:**	-79.250349
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642865
Drill Method:	Diamond Drill	**Northing:**	4750182
Orig Ground Elev m:	177	**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: 218367205
Top Depth: 1.2
Bottom Depth: 2.3
Material Color: Brown
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT. BROWN,PLASTIC,LAYERED.

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

Geology Stratum ID: 218367206
Top Depth: 2.3
Bottom Depth: 3
Material Color: Brown
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT. BROWN,PLASTIC,LAYERED.

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

Geology Stratum ID: 218367203
Top Depth: 0
Bottom Depth: .5
Material Color: Dark
Material 1: Fill
Material 2: Clay
Material 3: Stones
Material 4:
Gsc Material Description:
Stratum Description: FILL,CLAY,STONES. DARK.

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

Geology Stratum ID: 218367204
Top Depth: .5
Bottom Depth: 1.2
Material Color: Brown
Material 1: Clay
Material 2: Silt
Material 3: Organic
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT,ORGANIC. BROWN,LAYERED, WATER STABLE AT 581.6 FEET.

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

Geology Stratum ID: 218367211
Top Depth: 13.3
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Shale
Material 3: Dolomite
Material 4: Gypsum
Gsc Material Description:
Stratum Description: BEDROCK,SHALE, DOLOMITE,GYPSUM. 024024055 026026053 **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:

Geology Stratum ID: 218367208
Mat Consistency:

Top Depth:	5.4	**Material Moisture:**	
Bottom Depth:	8.5	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE, FOSSIL,CHERT. GREY.

Geology Stratum ID:	218367209	**Mat Consistency:**	
Top Depth:	8.5	**Material Moisture:**	
Bottom Depth:	8.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Siltstone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,SILTSTONE, CHERT. BROWN,FRACTURED.

Geology Stratum ID:	218367207	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	5.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE, SHALE,CORALS. BROWN.

Geology Stratum ID:	218367210	**Mat Consistency:**	
Top Depth:	8.8	**Material Moisture:**	
Bottom Depth:	13.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,DOLOMITE, CHERT,SHALE. GREY,BEDDED.

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: 037510 NTS_Sheet: 30L14F
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	W/233.0	178.8 / 2.29	517 - 529 Elm Street Port Colborne ON L3K 5W6	EHS

Order No: 20080312022
Status: C
Report Type: Custom Report
Report Date: 3/24/2008
Date Received: 3/12/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.254442
Y: 42.89245

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 1	NW/239.1	177.8 / 1.29	PORT COLBORNE CITY UNION ST./ELM ST./KING ST. PORT COLBORNE CITY ON	CA

Certificate #: 7-0706-93-
Application Year: 93
Issue Date: 8/6/1993
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 15	WNW/245.7	178.8 / 2.29	MILLEN MARINE & MILL SUPPLY LTD 577 ELM ST PORT COLBORNE ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 9621145
Status: EXPIRED
Instance ID: 384854
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

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

TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Refill Cntr - Cylr Fill
Original Source: EXP
Record Date: Up to Mar 2012

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43 | **2 of 15** | **WNW/245.7** | **178.8 / 2.29** | **577 Elm Street**
Port Colborne ON L3K 4P5 | **EHS**

Order No: 20050929028
Status: C
Report Type: Complete Report
Report Date: 10/11/2005
Date Received: 9/29/2005
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.254423
Y: 42.894318

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43 | **3 of 15** | **WNW/245.7** | **178.8 / 2.29** | **728268 ONTARIO LIMITED**
577 ELM STREET
PORT COLBORNE ON L3K 4P5 | **GEN**

Generator Info

Generator No: ON1778700
Approval Years: 93,94,95,96,97,98
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: HARDWARE, WHOLESALE

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 5621

Waste Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

---

43 | **4 of 15** | **WNW/245.7** | **178.8 / 2.29** | **GE Betz Canada**
577 Elm Street
Port Colborne ON L3K 4P5 | **GEN**

Generator Info

Generator No: ON7542289
Approval Years: 02,03,04
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS

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43 | ***5 of 15*** | ***WNW/245.7*** | ***178.8 / 2.29*** | ***Millen Marine & Industrial Supply*** ***577 Elm St.*** ***Port Colborne ON L3K 4P5*** | ***GEN***

Generator Info

Generator No: ON6156980
Approval Years: 04
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Marine Salvage Services
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 488331

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43 | ***6 of 15*** | ***WNW/245.7*** | ***178.8 / 2.29*** | ***millen marine & industrial supply (West Pier)*** ***577 elm st.*** ***port colborne ON L3K 4P5*** | ***GEN***

Generator Info

Generator No: ON6961443
Approval Years: 06
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: All Other Wholesaler-Distributors
Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 418990

Waste Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 135
Waste Class Name: REACTIVE ANION WASTES

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43 | ***7 of 15*** | ***WNW/245.7*** | ***178.8 / 2.29*** | ***Westpier Marine and Industrial Supply Inc.***
577 Elm Street
Port Colborne ON L3K 4P5 | ***GEN***

Generator Info

Generator No: ON7739083
Approval Years: 2011
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Industrial Machinery Equipment and Supplies Wholesaler-Distributors

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417230

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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43 | **8 of 15** | **WNW/245.7** | **178.8 / 2.29** | **Westpier Marine and Industrial Supply Inc.**
577 Elm Street
Port Colborne ON L3K 4P5 | **GEN**

Generator Info

Generator No: ON7739083
Approval Years: 2012
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: Industrial Machinery Equipment and Supplies Wholesaler-Distributors

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417230

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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43 | **9 of 15** | **WNW/245.7** | **178.8 / 2.29** | **Westpier Marine and Industrial Supply Inc.**
577 Elm Street
Port Colborne ON | **GEN**

Generator Info

Generator No: ON7739083
Approval Years: 2013
Status:
PO Box No:
Country:
Co Admin:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 417230

Phone No Admin:
SIC Description: INDUSTRIAL MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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43 | ***10 of 15*** | ***WNW/245.7*** | ***178.8 / 2.29*** | ***Westpier Marine and Industrial Supply Inc.***
577 Elm Street
Port Colborne ON L3K 1B7 | ***GEN***

Generator Info

Generator No:	ON7739083	***Choice of Contact:***	CO_ADMIN
Approval Years:	2016	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	417230
Country:	Canada		

Co Admin: Tanya Tamburri
Phone No Admin: 905-834-7822 Ext.
SIC Description: INDUSTRIAL MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 252

Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

43	11 of 15	WNW/245.7	178.8 / 2.29	**Westpier Marine and Industrial Supply Inc.** **577 Elm Street** **Port Colborne ON L3K 1B7**	GEN

Generator Info

Generator No: ON7739083
Approval Years: 2015
Status:
PO Box No:
Country: Canada
Co Admin: Tanya Tamburri
Phone No Admin: 905-834-7822 Ext.
SIC Description: INDUSTRIAL MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS
Choice of Contact: CO_ADMIN
Contaminated Fac: No
MHSW Facility: No
SIC Code: 417230

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

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43 | ***12 of 15*** | ***WNW/245.7*** | ***178.8 / 2.29*** | ***Westpier Marine and Industrial Supply Inc.***
577 Elm Street
Port Colborne ON L3K 1B7 | ***GEN***

Generator Info

Generator No:	ON7739083	***Choice of Contact:***	CO_ADMIN
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	417230
Country:	Canada		

Co Admin: Tanya Tamburri
Phone No Admin: 905-834-7822 Ext.
SIC Description: INDUSTRIAL MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS

Waste Detail(s)

Waste Class: 268
Waste Class Name: AMINES

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	13 of 15	WNW/245.7	178.8 / 2.29	Westpier 577 Elm Street Port Colborne ON L3K 4P5	GEN

Generator Info

Generator No:	ON3686118	***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)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	14 of 15	WNW/245.7	178.8 / 2.29	Westpier 577 Elm Street Port Colborne ON L3K 4P5	GEN

Generator Info

Generator No:	ON3686118	***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:	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)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	15 of 15	WNW/245.7	178.8 / 2.29	Westpier 577 Elm Street Port Colborne ON L3K 4P5	GEN

Generator Info

Generator No:	ON3686118	***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:	252 L
Waste Class Name:	WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class:	251 L
Waste Class Name:	OIL SKIMMINGS & SLUDGES

2019 Generator Info

Gen No:	ON3686118	***Choice of Contact:***	CO_OFFICIAL
ID:	14518	***Phone No Official:***	905.651.9702 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905.651.7307 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	412110	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	Westpier		
Gen Div:			
Gen Op Name:	Westpier		
Gen Op Div:			
Site Adrs1:	577 Elm Street		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K 4P5		
Site Country:	Canada		
Co Official:	Dave Sathmary		
Co Admin:	Beau Sutherland		

2019 Generator Manifest

ID:	36569	***Sum Received Qty:***	6758.0
Generator No:	ON3686118	***Waste Class Name:***	OIL SKIMMINGS & SLUDGES
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	L	***District:***	202
Waste Code:	251		

2020 Generator Info

Gen No:	ON3686118	***Choice of Contact:***	CO_OFFICIAL
ID:	14177	***Phone No Official:***	905.651.9702 Ext.
Contaminated Fac:	N	***Phone No Admin:***	905.651.7307 Ext.
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	412110	***County Out:***	
NAICS Code2:		***District:***	203

NAICS Code3:
Gen Name: Westpier
Gen Div:
Gen Op Name: Westpier
Gen Op Div:
Site Adrs1: 577 Elm Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 4P5
Site Country: Canada
Co Official: Dave Sathmary
Co Admin: Beau Sutherland

2020 Generator Manifest

ID: 33678
Generator No: ON3686118
Receiver Type: 035
Waste Char: L
Waste Code: 251
Sum Received Qty: 8010.0
Waste Class Name: OIL SKIMMINGS & SLUDGES
Count Manifests: 1
District: 202

2020 Generator Manifest

ID: 33679
Generator No: ON3686118
Receiver Type: 035
Waste Char: L
Waste Code: 252
Sum Received Qty: 1800.0
Waste Class Name: WASTE OILS & LUBRICANTS
Count Manifests: 3
District: 202

2021 Generator Info

Gen No: ON3686118
ID: 14078
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 412110
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_ADMIN
Phone No Official: 905.651.7307 Ext.
Phone No Admin: 905.651.7307 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: Westpier
Gen Div:
Gen Op Name: Westpier
Gen Op Div:
Site Adrs1: 577 Elm Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 4P5
Site Country: Canada
Co Official: Beau Sutherland
Co Admin: Beau Sutherland

2021 Generator Manifest

ID: 34260
Generator No: ON3686118
Sum Received Qty: 4000.0
Waste Class Name: WASTE OILS & LUBRICANTS

Receiver Type:	035	**Count Manifests:**	1
Waste Char:	L	**District:**	202
Waste Code:	252		

2021 Generator Manifest

ID:	34259	**Sum Received Qty:**	3600.0
Generator No:	ON3686118	**Waste Class Name:**	OIL SKIMMINGS & SLUDGES
Receiver Type:	035	**Count Manifests:**	3
Waste Char:	L	**District:**	202
Waste Code:	251		

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44 **1 of 1** **S/246.3** **176.6 / 0.02** **ON** **BORE**

Borehole ID:	605080	**Inclin FLG:**	No
OGF ID:	215506888	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	NOV-1971	**Municipality:**	
Static Water Level:	0.3	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.890542
Total Depth m:	30.8	**Longitude DD:**	-79.251706
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642755
Drill Method:	Diamond Drill	**Northing:**	4750142
Orig Ground Elev m:	177	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	176		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218367196	**Mat Consistency:**	
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	4.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, CORALS,CHERT. GREY,CRYSTALINE, WATER STABLE AT 581.8 FEET.		

Geology Stratum ID:	218367197	**Mat Consistency:**	
Top Depth:	4.9	**Material Moisture:**	
Bottom Depth:	6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, SHALE,SILT. BROWN,BEDDED.		

Geology Stratum ID:	218367195	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	

Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Stones	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY,STONES. BROWN,SOFT.

Geology Stratum ID:	218367201	**Mat Consistency:**	
Top Depth:	16.9	**Material Moisture:**	
Bottom Depth:	21	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,DOLOMITE, CORALS. BROWN,POROUS,LAMINATED.

Geology Stratum ID:	218367198	**Mat Consistency:**	
Top Depth:	6	**Material Moisture:**	
Bottom Depth:	9.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE, FOSSIL,CHERT. GREY,BEDDED.

Geology Stratum ID:	218367200	**Mat Consistency:**	
Top Depth:	9.9	**Material Moisture:**	
Bottom Depth:	16.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,DOLOMITE, SHALE. BEDDED.

Geology Stratum ID:	218367202	**Mat Consistency:**	Dense
Top Depth:	21	**Material Moisture:**	
Bottom Depth:	30.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Dolomite	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,SHALE, DOLOMITE,EVAPORITE SALT. GREY,DENSE,BEDDED.

Geology Stratum ID:	218367199	**Mat Consistency:**	
Top Depth:	9.3	**Material Moisture:**	
Bottom Depth:	9.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Siltstone	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK,SILTSTONE, SAND,CHERT. GREY,FRACTURED.

Source

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

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: 037500 NTS_Sheet: 30L14F		
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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45 ***1 of 3*** ***S/247.9*** ***176.9 / 0.30*** ***LIGHTHEART CLEANERS INC.***
388 KING STREET
PORT COLBORNE ON L3K 4H4 ***GEN***

Generator Info

Generator No:	ON0508600	**Choice of Contact:**	
Approval Years:	86,87,88,89	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9721
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	POWER LAUND./CLEANERS		

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

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45 ***2 of 3*** ***S/247.9*** ***176.9 / 0.30*** ***LIGHTHEART CLEANERS INC.***
388 KING STREET
PORT COLBORNE ON L3K 4H4 ***GEN***

Generator Info

Generator No:	ON0508600	**Choice of Contact:**	
Approval Years:	92,93,97,98,99,00,01	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9721
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	POWER LAUND./CLEANER		

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
45	3 of 3	S/247.9	176.9 / 0.30	LIGHTHEART CLEANERS INC. 24-190 388 KING STREET PORT COLBORNE ON L3K 4H4	GEN

Generator Info

Generator No:	ON0508600	**Choice of Contact:**	
Approval Years:	94,95,96	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	9721
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	POWER LAUND./CLEANER		

Waste Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	1 of 6	WSW/248.3	179.8 / 3.29	Port Colborne Animal Hospital Veterinary Corp 503 Elm St Port Colborne ON L3K 5W6	GEN

Generator Info

Generator No:	ON6960232	**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:	261 A
Waste Class Name:	Pharmaceuticals

Waste Detail(s)

Waste Class:	312 P
Waste Class Name:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	2 of 6	WSW/248.3	179.8 / 3.29	Port Colborne Animal Hospital Veterinary Corp 503 Elm St Port Colborne ON L3K 5W6	GEN

Generator Info

Generator No:	ON6960232	**Choice of Contact:**	
Approval Years:	As of Jul 2020	**Contaminated Fac:**	
Status:	Registered	**MHSW Facility:**	
PO Box No:		**SIC Code:**	

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

Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Waste Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

46	3 of 6	WSW/248.3	179.8 / 3.29	VCA- Port Colborne Animal Hospital Veterinary Corp 503 Elm St Port Colborne ON L3K 5W6	GEN

Generator Info

Generator No: ON6960232
Approval Years: As of Nov 2021
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: 261 A
Waste Class Name: Pharmaceuticals

Waste Detail(s)

Waste Class: 312 P
Waste Class Name: Pathological wastes

46	4 of 6	WSW/248.3	179.8 / 3.29	VCA- Port Colborne Animal Hospital Veterinary Corp 503 Elm St Port Colborne ON L3K 5W6	GEN

Generator Info

Generator No: ON6960232
Approval Years: As of Oct 2022
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: 261 A
Waste Class Name: PHARMACEUTICALS

Waste Detail(s)

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

2017 Generator Info

Gen No: ON6960232
ID: 27338
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 541940
NAICS Code2:
NAICS Code3:
Gen Name: Port Colborne Animal Hospital Veterinary Corp
Gen Div:
Gen Op Name: Port Colborne Animal Hospital
Gen Op Div:
Site Adrs1: 503 Elm St
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 5W6
Site Country: Canada
Co Official: Sara JE Lee
Co Admin: Sharon Saxon-Buri
Choice of Contact: CO_OFFICIAL
Phone No Official: 9058356962 Ext.
Phone No Admin: 9058356962 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

2017 Generator Manifest

ID: 53479
Generator No: ON6960232
Receiver Type: 035
Waste Char: A
Waste Code: 261
Sum Received Qty: 23.0
Waste Class Name: PHARMACEUTICALS
Count Manifests: 1
District: 305

2017 Generator Manifest

ID: 53480
Generator No: ON6960232
Receiver Type: 035
Waste Char: P
Waste Code: 312
Sum Received Qty: 33.2
Waste Class Name: PATHOLOGICAL WASTES
Count Manifests: 2
District: 305

2018 Generator Info

Gen No: ON6960232
ID: 27743
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 541940
NAICS Code2:
NAICS Code3:
Gen Name: Port Colborne Animal Hospital Veterinary Corp
Choice of Contact: CO_OFFICIAL
Phone No Official: 9058356962 Ext.
Phone No Admin: 9058356962 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203

Gen Div:
Gen Op Name: Port Colborne Animal Hospital
Gen Op Div:
Site Adrs1: 503 Elm St
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 5W6
Site Country: Canada
Co Official: Sara JE Lee
Co Admin: Sharon Saxon-Buri

2018 Generator Manifest

ID: 53456
Generator No: ON6960232
Receiver Type: 035
Waste Char: P
Waste Code: 312
Sum Received Qty: 69.52
Waste Class Name: PATHOLOGICAL WASTES
Count Manifests: 2
District: 305

2018 Generator Manifest

ID: 53455
Generator No: ON6960232
Receiver Type: 035
Waste Char: A
Waste Code: 261
Sum Received Qty: 11.0
Waste Class Name: PHARMACEUTICALS
Count Manifests: 1
District: 305

2019 Generator Info

Gen No: ON6960232
ID: 28009
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 541940
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_OFFICIAL
Phone No Official: 9058356962 Ext.
Phone No Admin: 9058356962 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: Port Colborne Animal Hospital Veterinary Corp
Gen Div:
Gen Op Name: Port Colborne Animal Hospital
Gen Op Div:
Site Adrs1: 503 Elm St
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 5W6
Site Country: Canada
Co Official: Sara JE Lee
Co Admin: Sharon Saxon-Buri

2019 Generator Manifest

ID: 53404
Generator No: ON6960232
Receiver Type: 035
Waste Char: P
Sum Received Qty: 66.0
Waste Class Name: PATHOLOGICAL WASTES
Count Manifests: 2
District: 305

Waste Code: 312

2019 Generator Manifest

ID: 53403
Generator No: ON6960232
Receiver Type: 035
Waste Char: A
Waste Code: 261
Sum Received Qty: 13.0
Waste Class Name: PHARMACEUTICALS
Count Manifests: 1
District: 305

2020 Generator Info

Gen No: ON6960232
ID: 27719
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 541940
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_OFFICIAL
Phone No Official: 9058356962 Ext.
Phone No Admin: 9058356962 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: VCA- Port Colborne Animal Hospital Veterinary Corp
Gen Div:
Gen Op Name: VCA- Port Colborne Animal Hospital
Gen Op Div:
Site Adrs1: 503 Elm St
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 5W6
Site Country: Canada
Co Official: Daina Szczepanowski
Co Admin: Heather Fretz

2020 Generator Manifest

ID: 49874
Generator No: ON6960232
Receiver Type: 035
Waste Char: P
Waste Code: 312
Sum Received Qty: 82.7
Waste Class Name: PATHOLOGICAL WASTES
Count Manifests: 2
District: 305

2020 Generator Manifest

ID: 49873
Generator No: ON6960232
Receiver Type: 035
Waste Char: A
Waste Code: 261
Sum Received Qty: 17.6
Waste Class Name: PHARMACEUTICALS
Count Manifests: 2
District: 305

2021 Generator Info

Gen No: ON6960232
ID: 28220
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 541940
NAICS Code2:
NAICS Code3:
Choice of Contact: CO_OFFICIAL
Phone No Official: 9058356962 Ext.
Phone No Admin: 9058356962 Ext.
County Ont: NIAGARA (R. M.)
County Out:
District: 203
Gen Name: VCA- Port Colborne Animal Hospital Veterinary Corp
Gen Div:

Gen Op Name:	VCA- Port Colborne Animal Hospital
Gen Op Div:	
Site Adrs1:	503 Elm St
Site Bldg:	
Site Pobox:	
Province In:	ONTARIO
Site Adrs2:	
Site City:	Port Colborne
Province Out:	
Site Postal Code:	L3K 5W6
Site Country:	Canada
Co Official:	Daina Szczepanowski
Co Admin:	Sharon Saxon-Buri

2021 Generator Manifest

ID:	51820	***Sum Received Qty:***	16.8
Generator No:	ON6960232	***Waste Class Name:***	PHARMACEUTICALS
Receiver Type:	035	***Count Manifests:***	2
Waste Char:	A	***District:***	305
Waste Code:	261		

2021 Generator Manifest

ID:	51821	***Sum Received Qty:***	99.26
Generator No:	ON6960232	***Waste Class Name:***	PATHOLOGICAL WASTES
Receiver Type:	035	***Count Manifests:***	2
Waste Char:	P	***District:***	305
Waste Code:	312		

46	***5 of 6***	***WSW/248.3***	***179.8 / 3.29***	***JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION*** ***503 Elm St*** ***Port Colborne ON***	***GEN***

Generator Info (as of Dec 2024)

Generator No:	ON001057286
Generator Company Name:	JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION
Street:	503 Elm St
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K5W6
Waste Class:	261 B, 312 P

Waste Class Decoded:

261 - PHARMACEUTICALS; 312 - PATHOLOGICAL WASTES

Generator Info (as of Dec 2024)

Generator No:	ON001057286
Generator Company Name:	JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION
Street:	503 Elm St
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K5W6
Waste Class:	312 P,261 B

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 261 - PHARMACEUTICALS

Generator Info (as of Apr 2025)

Generator Company Name:	JOFFE VETERINARY MEDICINE PROFESSIONAL CORPORATION
Generator Site Address:	503 Elm St
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K5W6
Waste Class:	312 P, 261 B

Waste Class Decoded:

312 - PATHOLOGICAL WASTES; 261 - PHARMACEUTICALS

Waste Characteristic Decoded:

P - Pathological; B - Hazardous Waste Chemical

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46 ***6 of 6*** ***WSW/248.3*** ***179.8 / 3.29*** ***PIPELINE HIT 2"*** ***PINC***
503 ELM ST,,PORT COLBORNE,ON,L3K 5W6,CA
ON

Incident Id:		***Pipe Material:***	
Incident No:	1379552	***Fuel Category:***	
Incident Reported Dt:	4/23/2014	***Health Impact:***	
Type:	FS-Pipeline Incident	***Environment Impact:***	
Status Code:		***Property Damage:***	
Tank Status:	Cancelled	***Service Interrupt:***	
Task No:		***Enforce Policy:***	
Spills Action Centre:		***Public Relation:***	
Fuel Type:		***Pipeline System:***	
Fuel Occurrence Tp:		***PSIG:***	
Date of Occurrence:		***Attribute Category:***	
Occurrence Start Dt:		***Regulator Location:***	
Depth:		***Method Details:***	
Customer Acct Name:	PIPELINE HIT 2"		
Incident Address:	503 ELM ST,,PORT COLBORNE,ON,L3K 5W6,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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47 ***1 of 1*** ***ESE/248.8*** ***175.7 / -0.83*** ***BORE***
ON

Borehole ID:	604941	***Inclin FLG:***	No
OGF ID:	215506749	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	

Completion Date:	DEC-1971	**Municipality:**	
Static Water Level:	0.3	**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	42.891493
Total Depth m:	-999	**Longitude DD:**	-79.249107
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	642965
Drill Method:	Diamond Drill	**Northing:**	4750252
Orig Ground Elev m:	177	**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:	218366622	**Mat Consistency:**	Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Stones	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,STONES. BROWN,STIFF.		

Geology Stratum ID:	218366630	**Mat Consistency:**	
Top Depth:	12.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Dolomite	**Geologic Period:**	
Material 4:	Gypsum	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,SHALE, DOLOMITE,GYPSUM. 025027055 021025044 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218366623	**Mat Consistency:**	Stiff
Top Depth:	.8	**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:	Granuls	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,CINDERS. BROWN,STIFF, WATER STABLE AT 579.7 FEET.		

Geology Stratum ID:	218366624	**Mat Consistency:**	Stiff
Top Depth:	1.5	**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:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY(69),SILT(31). BROWN,STIFF.		

Geology Stratum ID:	218366626	**Mat Consistency:**	
Top Depth:	4.2	**Material Moisture:**	

Bottom Depth:	4.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, SHALE,SILT. BROWN,LAMINATED.		

Geology Stratum ID:	218366627	**Mat Consistency:**	
Top Depth:	4.3	**Material Moisture:**	
Bottom Depth:	7.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, FOSSIL,CHERT. GREY,FRACTURED.		

Geology Stratum ID:	218366629	**Mat Consistency:**	
Top Depth:	8.1	**Material Moisture:**	
Bottom Depth:	12.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Dolomite	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,DOLOMITE, SHALE,SILT. GREY,BEDDED.		

Geology Stratum ID:	218366628	**Mat Consistency:**	
Top Depth:	7.7	**Material Moisture:**	
Bottom Depth:	8.1	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Siltstone	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,SILTSTONE, SAND,CHERT. GREY,BEDDED.		

Geology Stratum ID:	218366625	**Mat Consistency:**	Soft
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	4.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT. BROWN,VERY SOFT,LAMINATED.		

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: 036110 NTS_Sheet: 30L14F		
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		

Unplottable Summary

Total: 40 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	AL KIRKNESS	KING STREET	PORT COLBORNE CITY ON	
CA	PORT COLBORNE CITY	KING STREET	PORT COLBORNE CITY ON	
CA	R.M. OF NIAGARA	KING STREET WATER TREAT. PLANT	PORT COLBORNE CITY ON	
CA	R.M. OF NIAGARA	ELM STREET SEWAGE PUMP STATION	PORT COLBORNE ON	
CA	R.M. OF NIAGARA	ELM STREET P.S. & FORCEMAIN	PORT COLBORNE CITY ON	
CA	The Corporation of the City of Port Colborne	Elm Street	Port Colborne ON	
CA	R.M. OF NIAGARA	KING STREET PH. I & II	PORT COLBORNE CITY ON	
CA	PORT COLBORNE CITY	ELM STREET	PORT COLBORNE CITY ON	
DTNK	BELL MARINE & MILL SUPPLY LTD	WEST PIER	PORT COLBORNE ON	
ECA	The Corporation of the City of Port Colborne	King Street	Port Colborne ON	L3K 3C8
EHS		Catharine St	Port Colborne ON	
GEN	Imperial Oil	King Street	Port Colborne ON	
GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	Imperial Oil	King Street	Port Colborne ON	

GEN	Imperial Oil	King Street	Port Colborne ON	L3K 4E6
GEN	PORT COLBORNE LANDFILL SITE	ELM ST.	PORT COLBORNE ON	
REC	PORT COLBORNE LANDFILL SITE	ELM ST.	PORT COLBORNE ON	
SPL	PORT COLBORNE HYDRO	ELM STREET	PORT COLBORNE ON	
SPL	SHELL CANADA PRODUCTS LTD.	KING ST BULK PLANT (N.O.S.)	PORT COLBORNE CITY ON	
SPL	NIAGARA, REGIONAL MUNICIPALITY	AT END OF UNION ST NEXT TO THE CANAL. SANITARY SEWER SYSTEM/PUMPING STATION	PORT COLBORNE ON	
SPL	SHELL CANADA PRODUCTS LTD.	KING ST BULK PLANT (N.O.S.)	PORT COLBORNE CITY ON	
WWIS		King St.	Port Colborne ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		King St.	Port Colborne ON	
WWIS		King St.	Port Colborne ON	
WWIS		Elm St. lot 28 con 2	Port Colborne ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		RR #1 PORT COLBORNE con 1	ON	
WWIS		King St.	Port Colborne ON	
WWIS		King St.	Port Colborne ON	
WWIS		King St.	Port Colborne ON	

Unplottable Report

Site: ***AL KIRKNESS***
KING STREET PORT COLBORNE CITY ON

Database: ***CA***

Certificate #:	3-1825-89-
Application Year:	89
Issue Date:	9/19/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***PORT COLBORNE CITY***
KING STREET PORT COLBORNE CITY ON

Database: ***CA***

Certificate #:	7-0872-88-
Application Year:	88
Issue Date:	6/30/1988
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***
KING STREET WATER TREAT. PLANT PORT COLBORNE CITY ON

Database: ***CA***

Certificate #:	7-0092-93-
Application Year:	93
Issue Date:	5/18/1993
Approval Type:	Municipal water
Status:	Revised
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF NIAGARA***
ELM STREET SEWAGE PUMP STATION PORT COLBORNE ON

Database: ***CA***

Certificate #:	8-2136-98-
Application Year:	98

Issue Date: 12/9/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INDACHEM COUNTERACTANT SPRAY SYSTEM
Contaminants: Acetic Acid, Other Organic Compounds
Emission Control: Other Wet Collector,

Site: ***R.M. OF NIAGARA***
ELM STREET P.S. & FORCEMAIN PORT COLBORNE CITY ON

Database: ***CA***

Certificate #: 3-1298-95-006
Application Year: 95
Issue Date: 10/30/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the City of Port Colborne***
Elm Street Port Colborne ON

Database: ***CA***

Certificate #: 0316-5RVNJP
Application Year: 2003
Issue Date: 9/30/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF NIAGARA***
KING STREET PH. I & II PORT COLBORNE CITY ON

Database: ***CA***

Certificate #: 3-1208-89-
Application Year: 89
Issue Date: 6/28/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PORT COLBORNE CITY***
ELM STREET PORT COLBORNE CITY ON

Database: ***CA***

Certificate #: 3-2274-88-
Application Year: 88
Issue Date: 11/30/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BELL MARINE & MILL SUPPLY LTD***
WEST PIER PORT COLBORNE ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 9460096
Status: EXPIRED
Instance ID: 388828
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Refill Cntr - Motor Fill
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: ***The Corporation of the City of Port Colborne***
King Street Port Colborne ON L3K 3C8

Database: ***ECA***

Approval No: 1325-6FULCJ
Approval Date: 2005-09-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Corporation of the City of Port Colborne
Address: King Street

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Full Address:
Full PDF Link:
PDF Site Location:

Site: ***Database:*** ***EHS***
Catharine St Port Colborne ON

Order No:	20010201002	***Nearest Intersection:***	
Status:	C	***Municipality:***	Niagara Region
Report Type:	Complete Report	***Client Prov/State:***	ON
Report Date:	2/12/01	***Search Radius (km):***	0.25
Date Received:	2/1/01	***X:***	-79.251892
Previous Site Name:		***Y:***	42.879811
Lot/Building Size:	50 x 110		
Additional Info Ordered:			

Site: ***Imperial Oil*** ***Database:*** ***GEN***
King Street Port Colborne ON

Generator Info

Generator No:	ON3764489	***Choice of Contact:***	
Approval Years:	2013	***Contaminated Fac:***	
Status:		***MHSW Facility:***	
PO Box No:		***SIC Code:***	412110
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS

Waste Detail(s)

Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES

Site: ***Imperial Oil*** ***Database:*** ***GEN***
King Street Port Colborne ON L3K 4E6

Generator Info

Generator No:	ON3764489	***Choice of Contact:***	CO_ADMIN
Approval Years:	2015	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	412110
Country:	Canada		
Co Admin:	Nicole Bradley		
Phone No Admin:	519-652-0099 Ext.4301		
SIC Description:	PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: ***Imperial Oil***
King Street Port Colborne ON L3K 4E6

Database: ***GEN***

Generator Info

Generator No:	ON3764489	***Choice of Contact:***	CO_ADMIN
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	412110
Country:	Canada		
Co Admin:	Grant Pettypiece		
Phone No Admin:	905-695-3217 Ext.3633		
SIC Description:	PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: ***Imperial Oil***
King Street Port Colborne ON L3K 4E6

Database: ***GEN***

Generator Info

Generator No:	ON3764489	***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: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Site: ***Imperial Oil***
King Street Port Colborne ON L3K 4E6

Database: ***GEN***

Generator Info

Generator No: ON3764489
Approval Years: As of Jul 2020
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: 221 L
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Site: ***Imperial Oil***
King Street Port Colborne ON L3K 4E6

Database: ***GEN***

Generator Info

Generator No: ON3764489
Approval Years: As of Nov 2021

Choice of Contact:
Contaminated Fac:

Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: Waste oils/sludges (petroleum based)

Waste Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Site: ***Imperial Oil***
King Street Port Colborne ON

Database: ***GEN***

Generator Info

Generator No: ON3764489
Approval Years: As of Oct 2022
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: 252 L
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Detail(s)

Waste Class: 221 I
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 221 L
Waste Class Name: LIGHT FUELS

Generator Info (as of Dec 2024)

Generator No:	ON3764489
Generator Company Name:	Imperial Oil
Street:	King Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K4E6
Waste Class:	252 L, 331 I, 145 I, 251 L, 221 L, 212 L, 221 I, 232 L, 263 I, 221 I, 221 L, 251 L, 252 L

Waste Class Decoded:

252 - WASTE OILS & LUBRICANTS; 331 - WASTE COMPRESSED GASES; 145 - PAINT/PIGMENT/COATING RESIDUES; 251 - OIL SKIMMINGS & SLUDGES; 221 - LIGHT FUELS; 212 - ALIPHATIC SOLVENTS; 221 - LIGHT FUELS; 232 - POLYMERIC RESINS; 263 - ORGANIC LABORATORY CHEMICALS; 221 - LIGHT FUELS; 221 - LIGHT FUELS; 251 - OIL SKIMMINGS & SLUDGES; 252 - WASTE OILS & LUBRICANTS

Generator Info (as of Dec 2024)

Generator No:	ON3764489
Generator Company Name:	Imperial Oil
Street:	King Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K4E6
Waste Class:	221 I,221 L,251 L,252 L

Waste Class Decoded:

221 - LIGHT FUELS; 221 - LIGHT FUELS; 251 - OIL SKIMMINGS & SLUDGES; 252 - WASTE OILS & LUBRICANTS

Generator Info (as of Apr 2025)

Generator Company Name:	Imperial Oil
Generator Site Address:	King Street
City:	Port Colborne
Province State:	Ontario
Country:	Canada
Postal Code:	L3K4E6
Waste Class:	221 I, 221 L, 251 L, 252 L

Waste Class Decoded:

221 - LIGHT FUELS; 221 - LIGHT FUELS; 251 - OIL SKIMMINGS & SLUDGES; 252 - WASTE OILS & LUBRICANTS

Waste Characteristic Decoded:

I - Ignitable; L - Liquid Industrial Waste; L - Liquid Industrial Waste; L - Liquid Industrial Waste

2017 Generator Info

Gen No:	ON3764489	***Choice of Contact:***	CO_OFFICIAL
ID:	15050	***Phone No Official:***	587-476-2565 Ext.
Contaminated Fac:	N	***Phone No Admin:***	5196520099 Ext.4128
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	412110	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	Imperial Oil		
Gen Div:			
Gen Op Name:	Imperial Oil		
Gen Op Div:			

Site Adrs1: King Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 4E6
Site Country: Canada
Co Official: Ruolin Shi
Co Admin: SANDRA CARRELAS

2018 Generator Info

Gen No: ON3764489
ID: 14959
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 412110
NAICS Code2:
NAICS Code3:
Gen Name: Imperial Oil
Gen Div:
Gen Op Name: Imperial Oil
Gen Op Div:
Site Adrs1: King Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 4E6
Site Country: Canada
Co Official: Jessica Sherrard
Co Admin: SANDRA CARRELAS
Choice of Contact: CO_OFFICIAL
Phone No Official: 587-476-4234 Ext.
Phone No Admin: 5196520099 Ext.4128
County Ont: NIAGARA (R. M.)
County Out:
District: 203

2019 Generator Info

Gen No: ON3764489
ID: 14793
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 412110
NAICS Code2:
NAICS Code3:
Gen Name: Imperial Oil
Gen Div:
Gen Op Name: Imperial Oil
Gen Op Div:
Site Adrs1: King Street
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: Port Colborne
Province Out:
Site Postal Code: L3K 4E6
Site Country: Canada
Co Official: Jessica Sherrard
Co Admin: SANDRA CARRELAS
Choice of Contact: CO_OFFICIAL
Phone No Official: 587-476-4234 Ext.
Phone No Admin: 5196520099 Ext.4128
County Ont: NIAGARA (R. M.)
County Out:
District: 203

2020 Generator Info

Gen No: ON3764489
ID: 14464
Contaminated Fac: N
Choice of Contact: CO_ADMIN
Phone No Official: 587-476-4234 Ext.
Phone No Admin: 519-652-0099 Ext.4128

MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	412110	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	Imperial Oil		
Gen Div:			
Gen Op Name:	Imperial Oil		
Gen Op Div:			
Site Adrs1:	King Street		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K 4E6		
Site Country:	Canada		
Co Official:	Jessica Sherrard		
Co Admin:	SANDRA CARRELAS		

2021 Generator Info

Gen No:	ON3764489	***Choice of Contact:***	CO_ADMIN
ID:	14382	***Phone No Official:***	587-476-2075 Ext.
Contaminated Fac:	N	***Phone No Admin:***	5196520099 Ext.4128
MHSW Facility:	N	***County Ont:***	NIAGARA (R. M.)
NAICS Code1:	412110	***County Out:***	
NAICS Code2:		***District:***	203
NAICS Code3:			
Gen Name:	Imperial Oil		
Gen Div:			
Gen Op Name:	Imperial Oil		
Gen Op Div:			
Site Adrs1:	King Street		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Port Colborne		
Province Out:			
Site Postal Code:	L3K 4E6		
Site Country:	Canada		
Co Official:	Kelvyn Tremblay		
Co Admin:	SANDRA Carrelas		

2021 Generator Manifest

ID:	34668	***Sum Received Qty:***	200.0
Generator No:	ON3764489	***Waste Class Name:***	LIGHT FUELS
Receiver Type:	035	***Count Manifests:***	1
Waste Char:	L	***District:***	302
Waste Code:	221		

Site: ***Imperial Oil***
King Street Port Colborne ON L3K 4E6

Database: ***GEN***

Generator Info

Generator No:	ON3764489	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2016	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	412110
Country:	Canada		
Co Admin:	JESSICA SNELGROVE		
Phone No Admin:	5870476-5087 Ext.		
SIC Description:	PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS		

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Site: ***PORT COLBORNE LANDFILL SITE***
ELM ST. PORT COLBORNE ON

Database: ***GEN***

Generator Info

Generator No: RR1560
Approval Years: 86
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 060

Site: ***PORT COLBORNE LANDFILL SITE***
ELM ST. PORT COLBORNE ON

Database: ***REC***

ID:
Company ID:
Receiver No: RR1560
Co Admin:
Choice of Contact:
Rec Div:
Rec Op Div:
Rec Op Name:
Site Bldg:
Facility Type:
Approval Yrs: 1987; 1988; 1989; 1990; 1992; 2006; 2007; 2008

Province In: ONT
Province Out:
County Out:
Mail Addr:
Site PO Box:

1987 Receiver Manifest Details

Gen Dist: 100
Gen District Office Name: ONTARIO
Gen Region Code: 00
Gen Region Office Name: **UNDEFINED*
Gen Sic: 8611
NAICS Desc: GENERAL HOSPITALS
Waste Code: 312
Waste Class: PATHOLOGICAL WASTES
No Wastes: 1
Quantity: 240
Waste Type: ORGANIC OTHER
Date From: 870101
Date To: 871231
Rec Date: 880226

Site: ***PORT COLBORNE HYDRO***

Database:

ELM STREET PORT COLBORNE ON **SPL**

Ref No:	184682	***Municipality No:***	18102
Year:		***Nature of Damage:***	
Incident Dt:	8/9/2000	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	8/9/2000	***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:	PORT COLBORNE		
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:	ERROR		
Incident Summary:	PORT COLBORNE HYDRO-140 LTRANSFORMER OIL TO GROUND,SOAKED INTO SOIL.		
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: ***SHELL CANADA PRODUCTS LTD.***
KING ST BULK PLANT (N.O.S.) PORT COLBORNE CITY ON

Database: ***SPL***

Ref No:	9032	***Municipality No:***	18102
Year:		***Nature of Damage:***	
Incident Dt:	9/8/1988	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	9/8/1988	***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: PORT COLBORNE CITY
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: DAMAGE BY MOVING EQUIPMENT
Incident Summary: SHELL OIL- 20 LTR MOTOR OIL TO SOIL.
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:
Time Reported:
System Facility Address:

Site: ***NIAGARA, REGIONAL MUNICIPALITY AT END OF UNION ST NEXT TO THE CANAL. SANITARY SEWER SYSTEM/PUMPING STATION PORT COLBORNE ON***

Database: ***SPL***

Ref No: 183038
Year:
Incident Dt: 7/2/2000
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/2/2000
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: PORT COLBORNE
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:

Municipality No: 18102
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Source Type:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Preceding Spill:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: NIAGARA R.M.-4.5 M3 SEWA-GE ONTO GRASS,FAULTY FOR-CEMAIN AIR RELIEF VALVE.
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: ***SHELL CANADA PRODUCTS LTD.***
KING ST BULK PLANT (N.O.S.) PORT COLBORNE CITY ON

Database: ***SPL***

Ref No: 4665
Year:
Incident Dt: 6/3/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/3/1988
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: PORT COLBORNE CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: SHELL OIL- 115 L TO LAND FROM TANK
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:

Municipality No: 18102
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

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:
King St. Port Colborne ON

Database: ***WWIS***

Well ID:	7424499	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	07/22/2022
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	OODHEHJS	***Contractor:***	7472
Tag:	A355163	***Form Version:***	9
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:	PORT COLBORNE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1009128514	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642867.00
Code OB Desc:		***North83:***	4749019.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/27/2022	***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:	1009128627
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	73

Material 3 Desc: HARD
Formation Top Depth: 21.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128625
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 01
Material 2 Desc: FILL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128626
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 06
Material 2 Desc: SILT
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 16.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128712
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128730
Layer: 2
Plug From: 29.0
Plug To: 40.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128729
Layer: 1
Plug From: 0.0
Plug To: 29.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128581
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128555
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009128661
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 30.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1009128678
Layer: 1
Slot: 10
Screen Top Depth: 30.0
Screen End Depth: 40.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009128556
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1009128691
Diameter: 3.799999952316284
Depth From: 20.0
Depth To: 40.0

Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1009128690
Diameter: 7.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
con 1 ON

Database: ***WWIS***

Well ID: 6603770
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 07803
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/03/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4795
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: 10463368
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/26/1987
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: 932599610
Layer: 1
Color: 6
General Color: BROWN
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 12
Material 2 Desc: STONES
Material 3: 77

Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932599611
Layer: 2
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: 10.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603770
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11011938
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930752813
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930752814
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 41.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603770

Pump Set At:
Static Level: 14.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 35.0
Pumping Rate: 19.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934344007
Test Type: Recovery
Test Duration: 15
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934611364
Test Type: Recovery
Test Duration: 30
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934865554
Test Type: Recovery
Test Duration: 45
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935121554
Test Type: Recovery
Test Duration: 60
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 933951083
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: 6603970
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/27/1990

Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	91351	***Contractor:***	4795
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463567	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	02/08/1990	***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:	932600590
Layer:	2
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:	2.0
Formation End Depth:	33.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932600589
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	2.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966603970
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012137
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753103
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753104
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 33.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996603970
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 30.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934344104
Test Type: Recovery

Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934866069
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934611879
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935121650
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933951299
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 33.0
Water Found Depth UOM: ft

Site:
King St. Port Colborne ON

Database: ***WWIS***

Well ID: 7424504
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: LWF95ATU
Tag: A355158
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/22/2022
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7472
Form Version: 9
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009128529
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/27/2022
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Zone: 17
East83: 642958.00
North83: 4748949.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009128639
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 4.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128638
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128717
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128740
Layer: 2
Plug From: 4.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128739
Layer: 1
Plug From: 0.0
Plug To: 4.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128586
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128565
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009128666
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: 1009128683
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: 2.5

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009128566
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:

Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1009128698
Diameter: 7.5
Depth From: 0.0
Depth To: 15.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
King St. Port Colborne ON

Database: ***WWIS***

Well ID: 7424503
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 2ZVCEHSK
Tag: A353048
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/22/2022
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7472
Form Version: 9
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009128526
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/27/2022
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: 642952.00
North83: 4749020.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009128636
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:

Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128637
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 4.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128716
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128738
Layer: 2
Plug From: 4.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128737
Layer: 1
Plug From: 0.0
Plug To: 4.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128585
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128563
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1009128665
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:	1009128682
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:	2.5

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009128564
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1009128697
Diameter:	7.5
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Site:
Elm St. lot 28 con 2 Port Colborne ON

Database:
WWIS

Well ID:	7439665	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	01/27/2023
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	5AVA9UFR	***Contractor:***	7472
Tag:	A369561	***Form Version:***	9
Constructn Method:		***Owner:***	

Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	028
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: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

Bore Hole Information

Bore Hole ID:	1009334107	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642458.00
Code OB Desc:		***North83:***	4752095.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	01/12/2023	***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: 1009334313
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 8.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009334312
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009334495
Layer: 1
Plug From: 0.0
Plug To: 11.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009334496
Layer: 2
Plug From: 11.0
Plug To: 22.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009334448
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009334217
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009334177
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009334344
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 12.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1009334374
Layer: 1
Slot: 10
Screen Top Depth: 12.0
Screen End Depth: 22.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009334178
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1009334415
Diameter: 3.799999952316284
Depth From: 20.0
Depth To: 22.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1009334414
Diameter: 7.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
con 1 ON

Database: ***WWIS***

Well ID:	6604200	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Recharge Well	***Date Received:***	07/31/1995
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	134501	***Contractor:***	4795
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

Bore Hole Information

Bore Hole ID:	10463797	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/05/1995
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:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932601632
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: 10.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601631
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: 2.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932601630
Layer: 1
Color: 8
General Color: BLACK
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: 2.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 966604200
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012367
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753416
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 38.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753415
Layer: 1
Material: 1
Open Hole or Material: STEEL
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: PUMP
Pump Test ID: 996604200
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 9.0
Recommended Pump Depth:
Pumping Rate: 21.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934866154
Test Type: Recovery
Test Duration: 45
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934344610
Test Type:	Recovery
Test Duration:	15
Test Level:	7.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934611966
Test Type:	Recovery
Test Duration:	30
Test Level:	7.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935122153
Test Type:	Recovery
Test Duration:	60
Test Level:	7.0
Test Level UOM:	ft

Water Details

Water ID:	933951563
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	6604325	***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:***	03/19/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	192405	***Contractor:***	4795
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463922	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 02/18/1999
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:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932602234
Layer: 1
Color: 8
General Color: BLACK
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: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602235
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: 2.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602236
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: 5.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604325

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

Pipe Information

Pipe ID: 11012492
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753609
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753608
Layer: 1
Material: 1
Open Hole or Material: STEEL
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: 996604325
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 52.0
Recommended Pump Depth: 50.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934344677
Test Type: Recovery
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934866638
Test Type: Recovery
Test Duration: 45
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934612450
Test Type: Recovery
Test Duration: 30
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935122219
Test Type: Recovery
Test Duration: 60
Test Level: 27.0
Test Level UOM: ft

Water Details

Water ID: 933951700
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Water Details

Water ID: 933951699
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 6604373
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206724
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY (HUMBERSTONE)
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: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463970
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/16/1999
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

Overburden and Bedrock Materials Interval

Formation ID: 932602429
Layer: 6
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
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602425
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: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602424
Layer: 1
Color: 8
General Color: BLACK
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: 932602428
Layer: 5
Color:
General Color:
Material 1: 00
Material 1 Desc: UNKNOWN TYPE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602426
Layer: 3
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: 2.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602427
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: 4.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604373
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012540
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930753688
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930753689
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	58.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996604373
Pump Set At:	
Static Level:	32.0
Final Level After Pumping:	51.0
Recommended Pump Depth:	55.0
Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934345126
Test Type:	
Test Duration:	15
Test Level:	34.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934866669
Test Type:	
Test Duration:	45
Test Level:	32.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935122669

Test Type:
Test Duration: 60
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934612481
Test Type:
Test Duration: 30
Test Level: 32.0
Test Level UOM: ft

Water Details

Water ID: 933951754
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

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

con 1 ON

Well ID: 6604374
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206728
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY (HUMBERSTONE)
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: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10463971
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/31/1999
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

Overburden and Bedrock

Materials Interval

Formation ID: 932602432
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: 16.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602430
Layer: 1
Color: 8
General Color: BLACK
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: 932602431
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: 1.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604374
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012541
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753690
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753691
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 47.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996604374
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 39.0
Recommended Pump Depth: 45.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934345127
Test Type:
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934612482
Test Type:
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934866670
Test Type:
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	935122670
Test Type:	
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

Water Details

Water ID:	933951755
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	47.0
Water Found Depth UOM:	ft

Site: ***Database:***
con 1 ON ***WWIS***

Well ID:	6604378	***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:***	11/16/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	206729	***Contractor:***	4795
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	PORT COLBORNE CITY (HUMBERSTONE)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10463975	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/24/1999	***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:	932602444
Layer:	1

Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 29
Material 2 Desc: FINE GRAVEL
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602446
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: 11.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932602445
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: 10.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604378
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11012545
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930753699
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930753700
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996604378
Pump Set At:
Static Level: 16.0
Final Level After Pumping: 18.0
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: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934866674
Test Type:
Test Duration: 45
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934612486
Test Type:
Test Duration: 30
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934345131
Test Type:
Test Duration: 15
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935122674
Test Type:
Test Duration: 60
Test Level: 16.0
Test Level UOM: ft

Water Details

Water ID: 933951759
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43.0
Water Found Depth UOM: ft

Site:
RR #1 PORT COLBORNE con 1 ON

Database: ***WWIS***

Well ID: 6604892
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z25647
Tag: A025246
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PORT COLBORNE CITY (HUMBERSTONE)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 09/29/2005
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 2123
Form Version: 3
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11326975
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/26/2005
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:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 933034532
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 93.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933277733
Layer: 1
Plug From: 0.0
Plug To: 90.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966604892
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11341830
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930871684
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
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: 11352905
Pump Set At:
Static Level: 34.0
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:

Well ID:	7424501	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	07/22/2022
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	N6JXCLB3	***Contractor:***	7472
Tag:	A355159	***Form Version:***	9
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:	PORT COLBORNE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1009128520	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642951.00
Code OB Desc:		***North83:***	4748950.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/27/2022	***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:	1009128632
Layer:	2
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	06
Material 2 Desc:	SILT
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	16.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009128631
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28

Material 1 Desc: SAND
Material 2: 01
Material 2 Desc: FILL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128633
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 21.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128733
Layer: 1
Plug From: 0.0
Plug To: 29.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128734
Layer: 2
Plug From: 29.0
Plug To: 40.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128714
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128583
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128559
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1009128663
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	30.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1009128680
Layer:	1
Slot:	10
Screen Top Depth:	30.0
Screen End Depth:	40.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009128560
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1009128695
Diameter:	3.799999952316284
Depth From:	20.0
Depth To:	40.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1009128694
Diameter:	7.5
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Site:

King St. Port Colborne ON

Database: ***WWIS***

Well ID:	7424500	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	07/22/2022
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	TFH88FCB	***Contractor:***	7472
Tag:	A355169	***Form Version:***	9
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:	PORT COLBORNE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1009128517	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642943.00
Code OB Desc:		***North83:***	4749013.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/27/2022	***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:	1009128628
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	01
Material 2 Desc:	FILL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009128630
Layer:	3
Color:	2
General Color:	GREY

Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 21.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009128629
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 06
Material 2 Desc: SILT
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 16.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128732
Layer: 2
Plug From: 29.0
Plug To: 40.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128713
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128731
Layer: 1
Plug From: 0.0
Plug To: 29.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128582
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128557

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009128662
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 30.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1009128679
Layer: 1
Slot: 10
Screen Top Depth: 30.0
Screen End Depth: 40.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009128558
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1009128692
Diameter: 7.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1009128693
Diameter: 3.799999952316284
Depth From: 20.0
Depth To: 40.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:

King St. Port Colborne ON

Database: ***WWIS***

Well ID:	7424502	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	07/22/2022
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	BMEGJ99R	***Contractor:***	7472
Tag:	A355165	***Form Version:***	9
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:	PORT COLBORNE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1009128523	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	642866.00
Code OB Desc:		***North83:***	4749021.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/27/2022	***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:	1009128634
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	01
Material 1 Desc:	FILL
Material 2:	
Material 2 Desc:	
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009128635
Layer:	2
Color:	2
General Color:	GREY

Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 4.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128715
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128736
Layer: 2
Plug From: 7.0
Plug To: 18.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009128735
Layer: 1
Plug From: 0.0
Plug To: 7.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009128584
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1009128561
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009128664
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 8.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	1009128681
Layer:	1
Slot:	10
Screen Top Depth:	8.0
Screen End Depth:	18.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009128562
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1009128696
Diameter:	7.5
Depth From:	0.0
Depth To:	18.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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 2024

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-May 2025

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, 2025

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2023

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, 2025

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 -Apr 2025

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-Jun 2025

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 - Jun 30, 2025

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 - Jun 30, 2025

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 - Jun 30, 2025

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 - Jun 30, 2025

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-Apr 30, 2025

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: 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, Conservation and Parks (MECP). 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, 2024

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-Jan 2025

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

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. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). 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-Mar 31, 2025

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-Apr 2024

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*

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 2025

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 Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

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-May 31, 2025

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal 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-Jun 30, 2025

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 - Jun 30, 2025

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 - Jun 30, 2025

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-Jun 2024; Aug 2024; Oct-Nov 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*

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 - Jun 30, 2025

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-Jul 2025

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, 2025

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-May 2025

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

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 - Jun 30, 2025

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

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C

FIRE INSURANCE PLANS

Enviroscan Report

Site address:	547 King Street, Port Colborne, ON
Project #:	25082500032
P.O. #:	164315
Requested by:	Eleanor Goolab
Date Completed:	8/29/2025 12:52:25 PM

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

Search Area: 547 King Street, Port Colborne, ON

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

Historical Environmental Services Enviroscan Terms and Conditions

Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

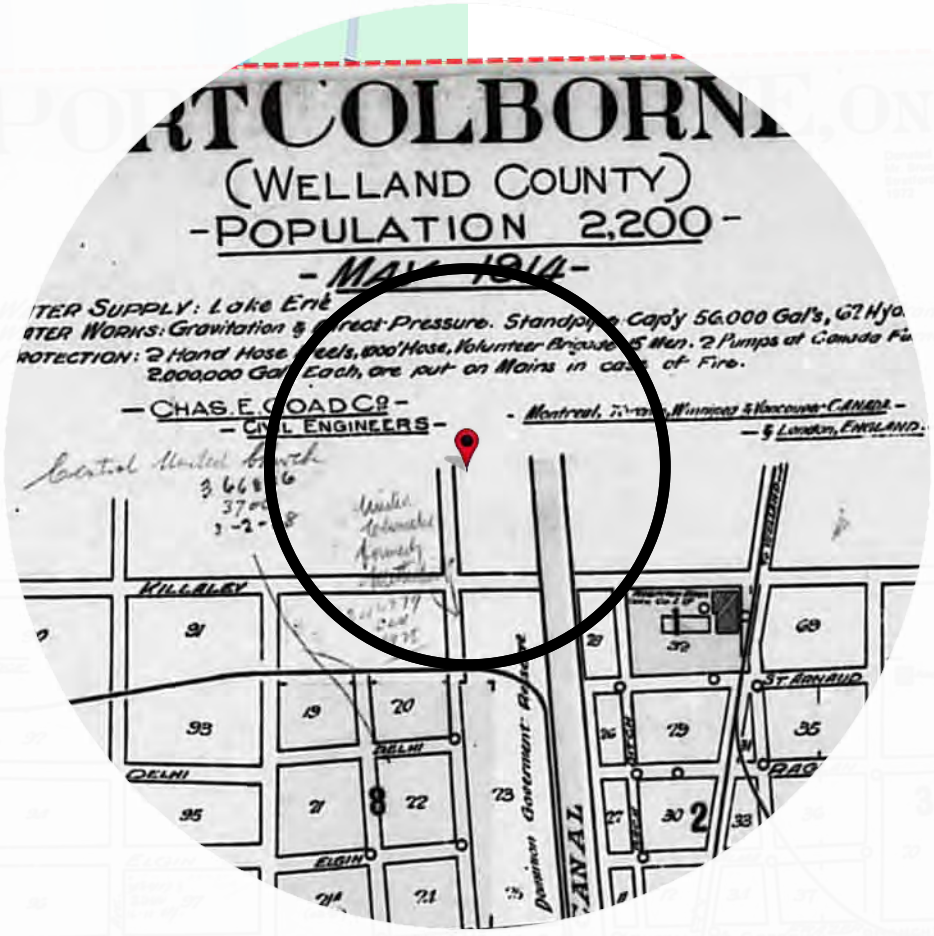
In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

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

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

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

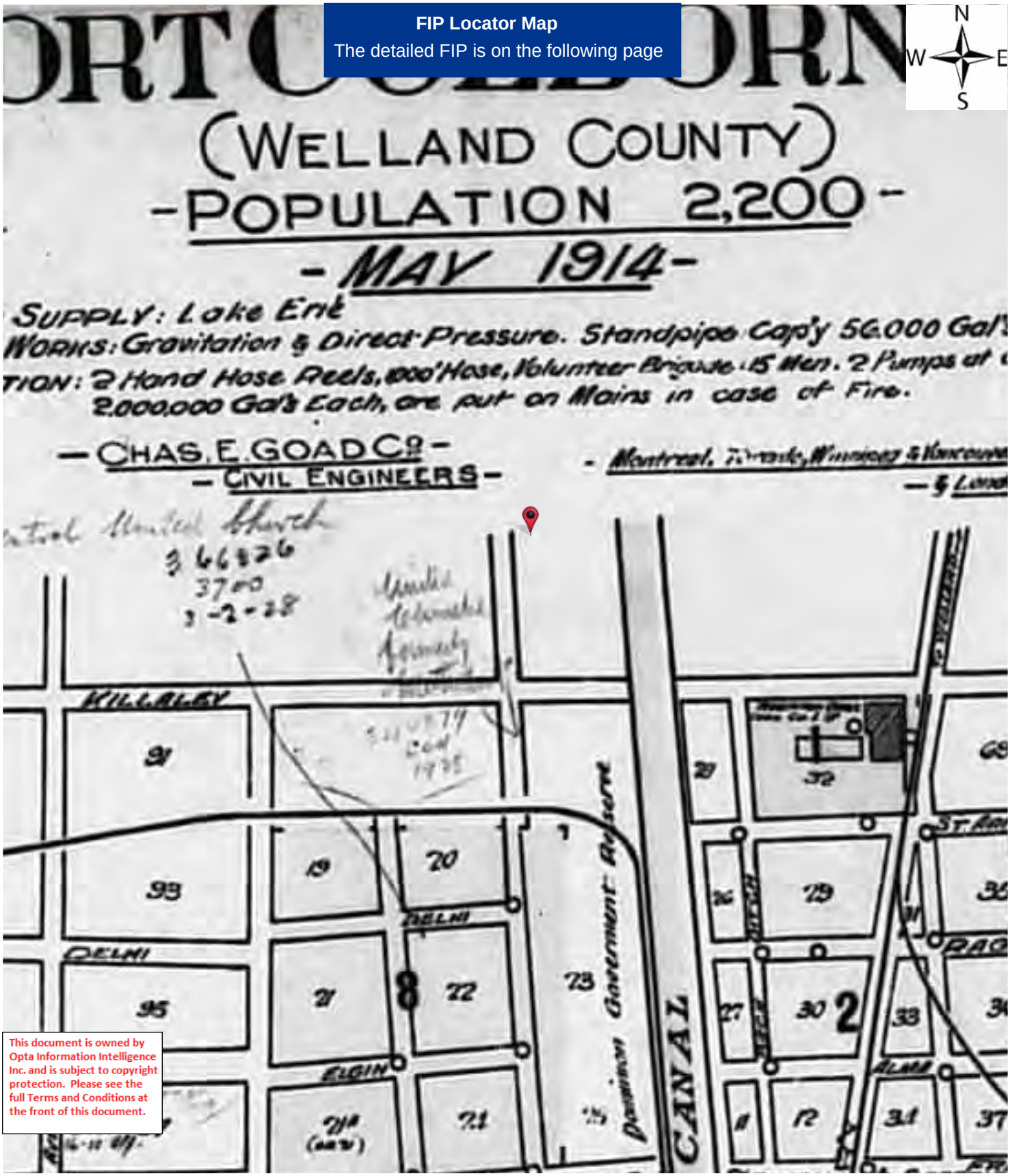


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1939 Volume: HUMBERSTONE Firemap: 7
Humberstone Plan: 913 A (1926) | Sheet: 7 (1939)

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

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

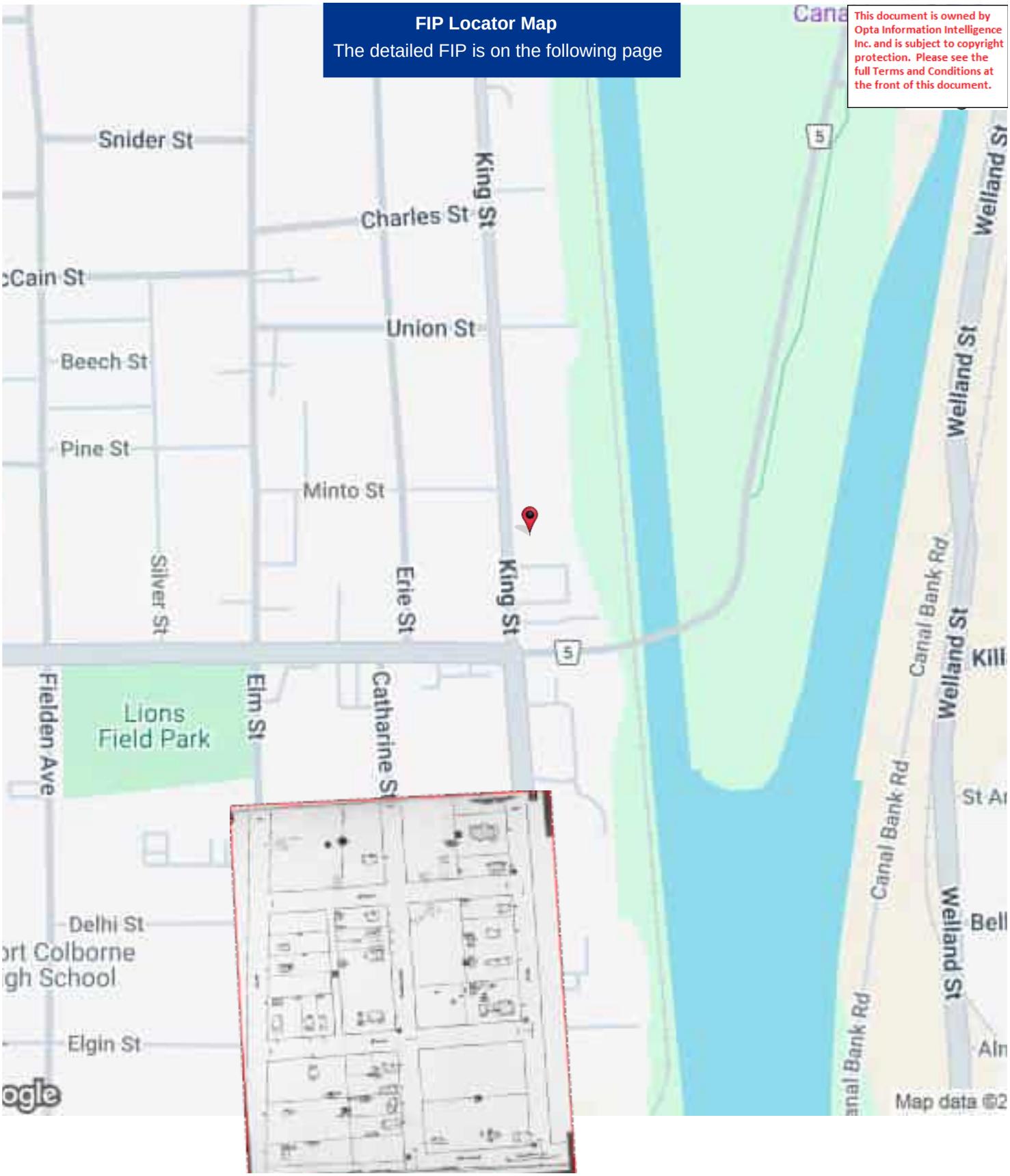


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

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

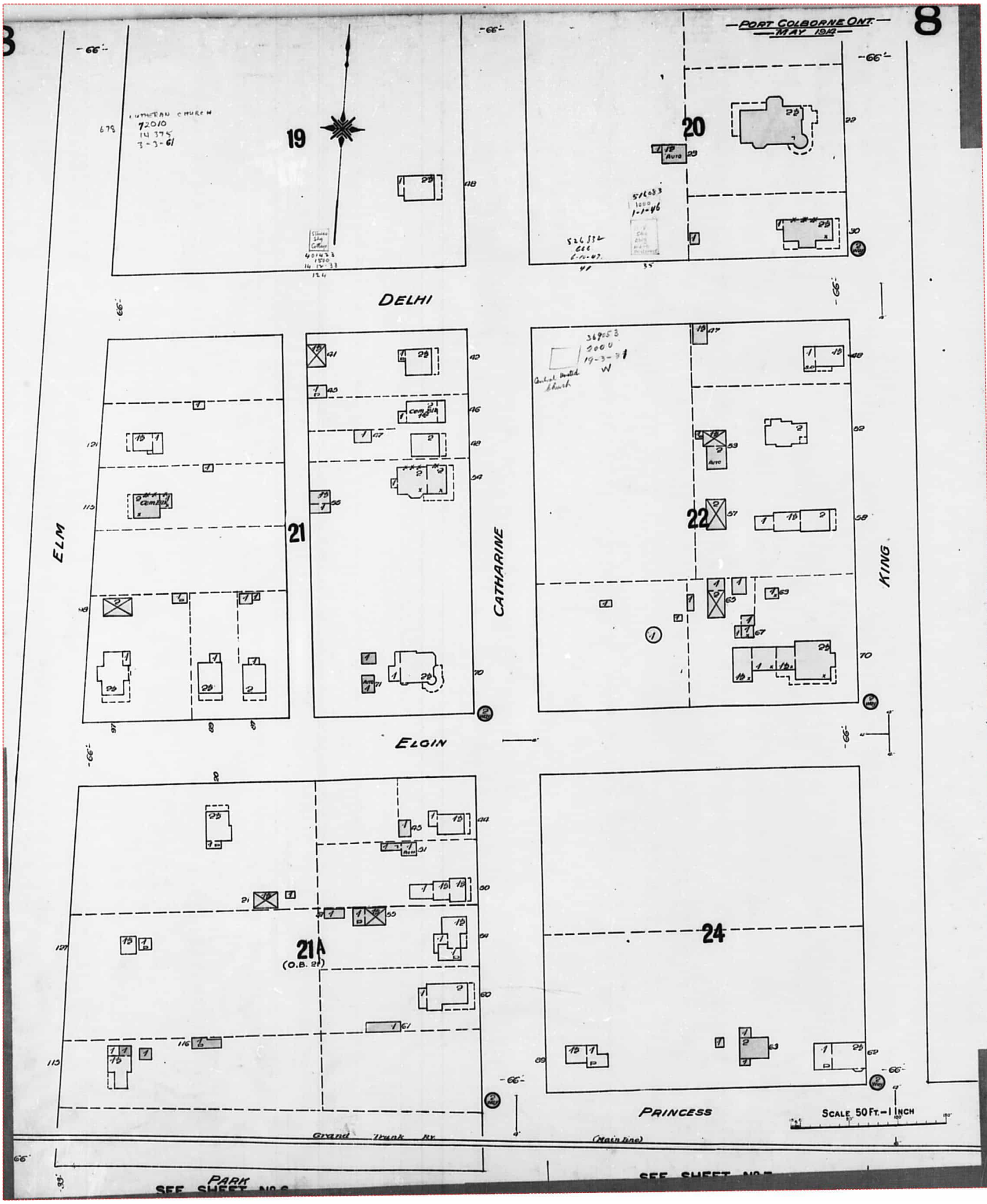
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1914 Volume: Port Colborne Firemap: 8
Port Colborne Plan: 1559 (1914) | Sheet: 8 (1914)



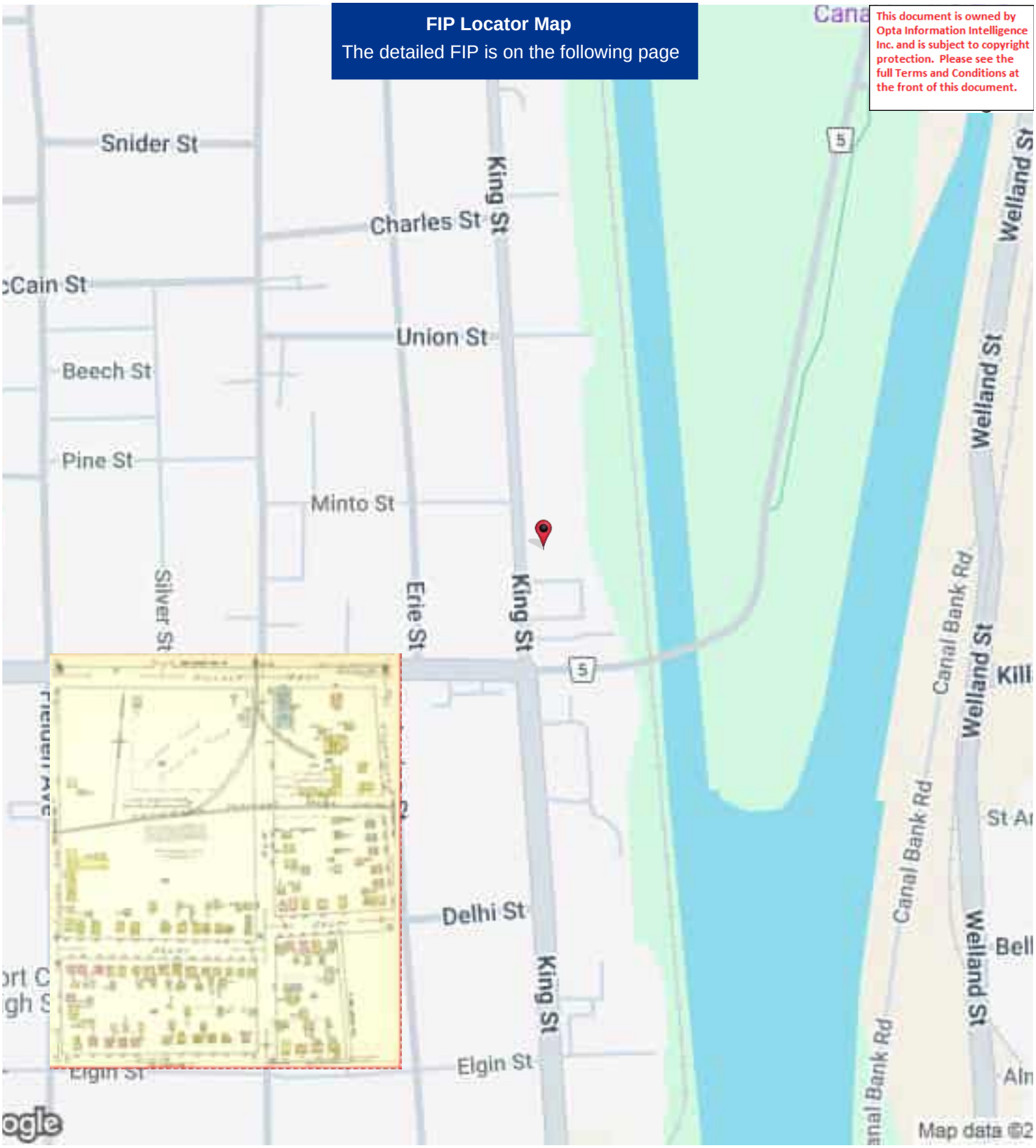
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1914 Volume: Port Colborne Firemap: 8
Port Colborne Plan: 1559 (1914) | Sheet: 8 (1914)



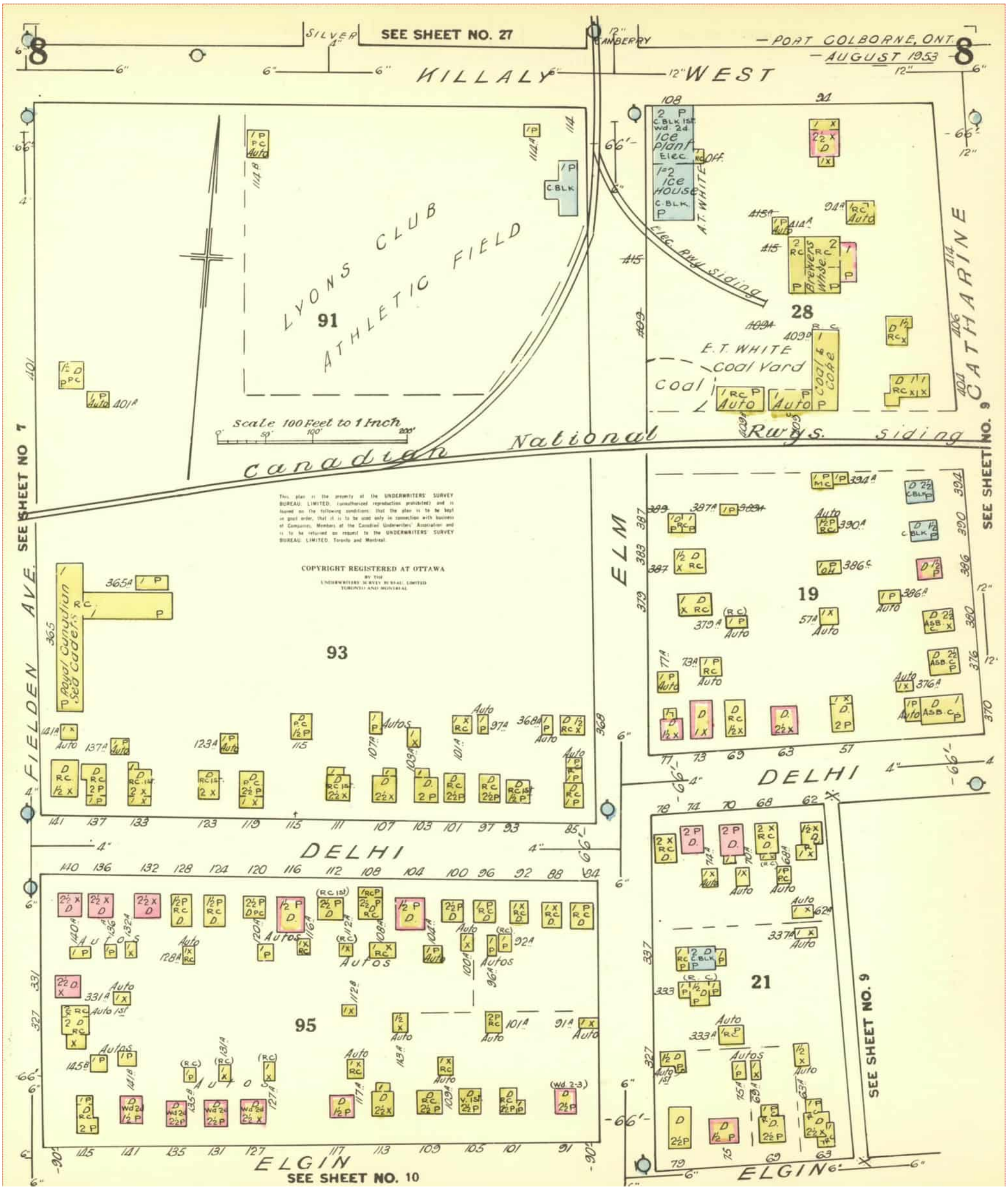
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 8
Port Colborne Plan: 1563 (1953) | Sheet: 8 (1953)



Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 8
Port Colborne Plan: 1563 (1953) | Sheet: 8 (1953)

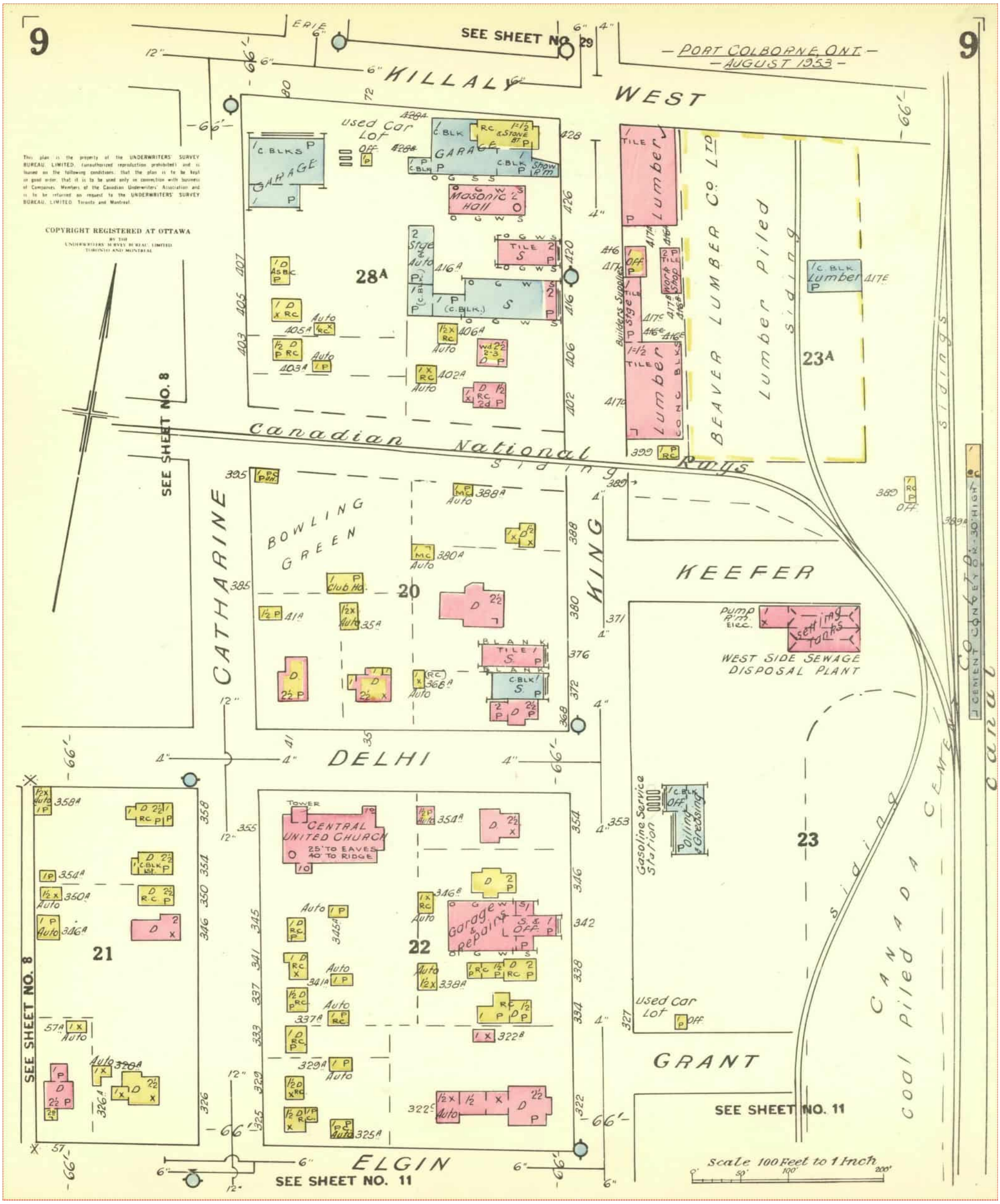


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 9
Port Colborne Plan: 1563 (1953) | Sheet: 9 (1953)

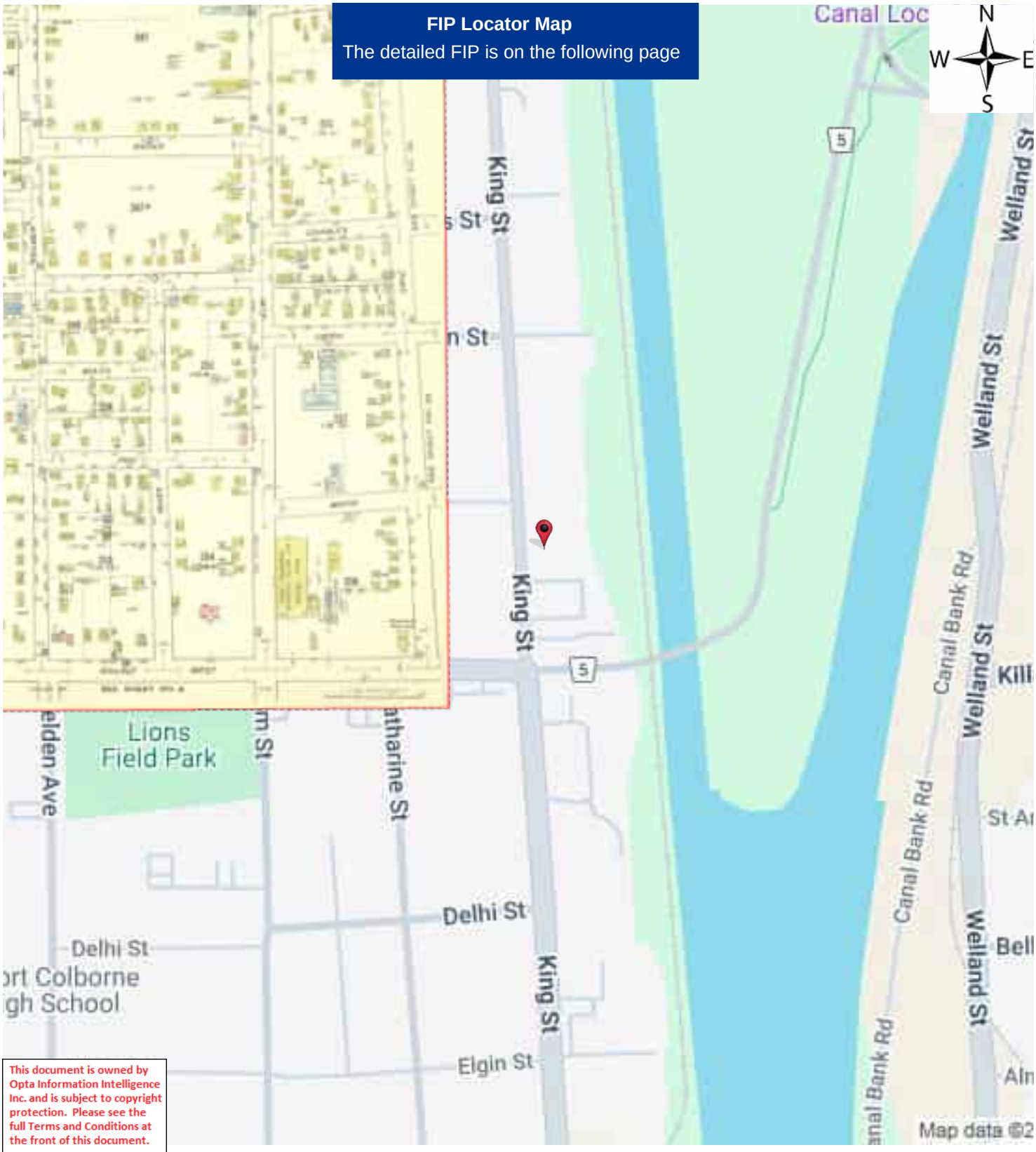
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 9
Port Colborne Plan: 1563 (1953) | Sheet: 9 (1953)



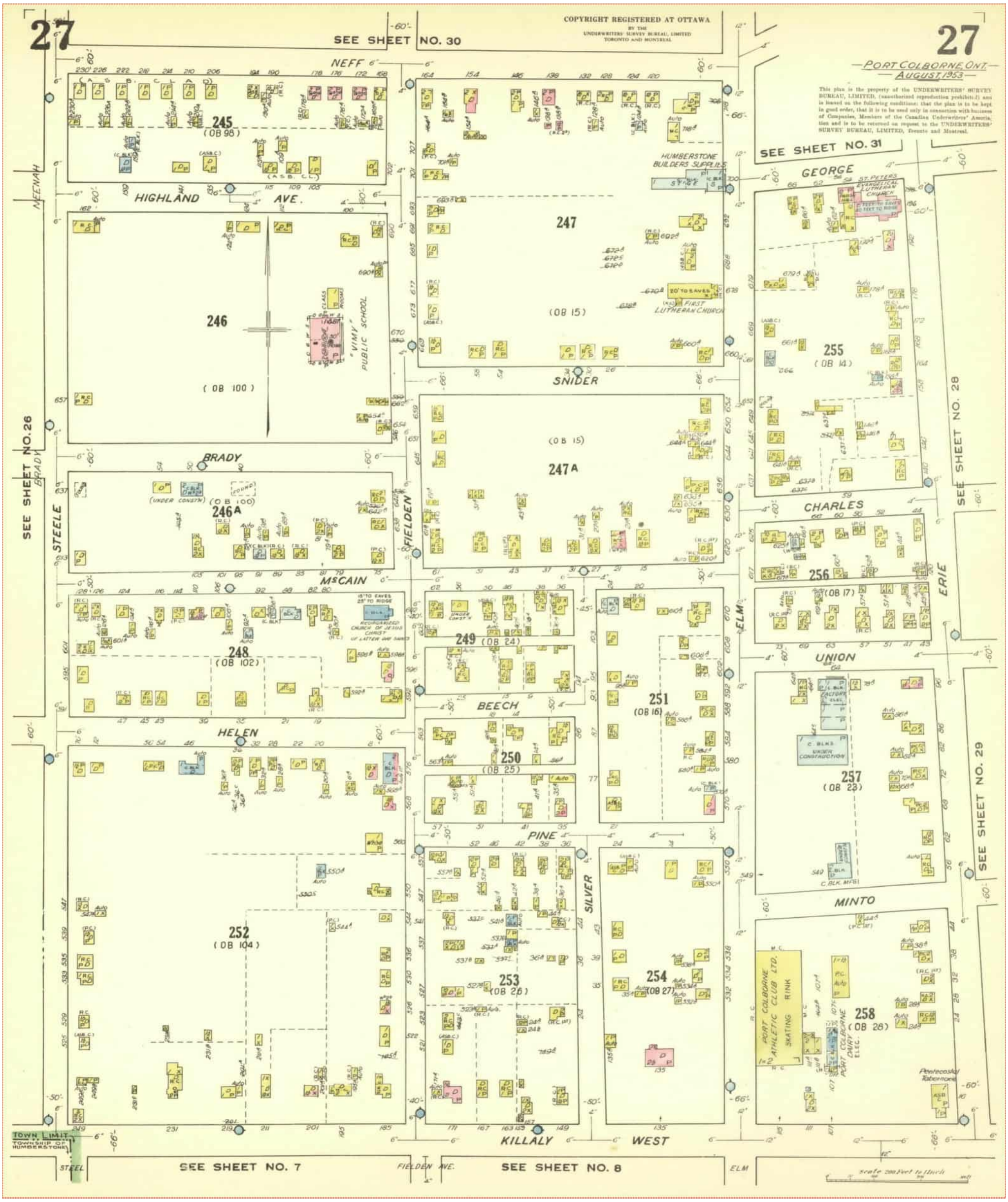
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 27
Port Colborne Plan: 1563 (1953) | Sheet: 27 (1953)



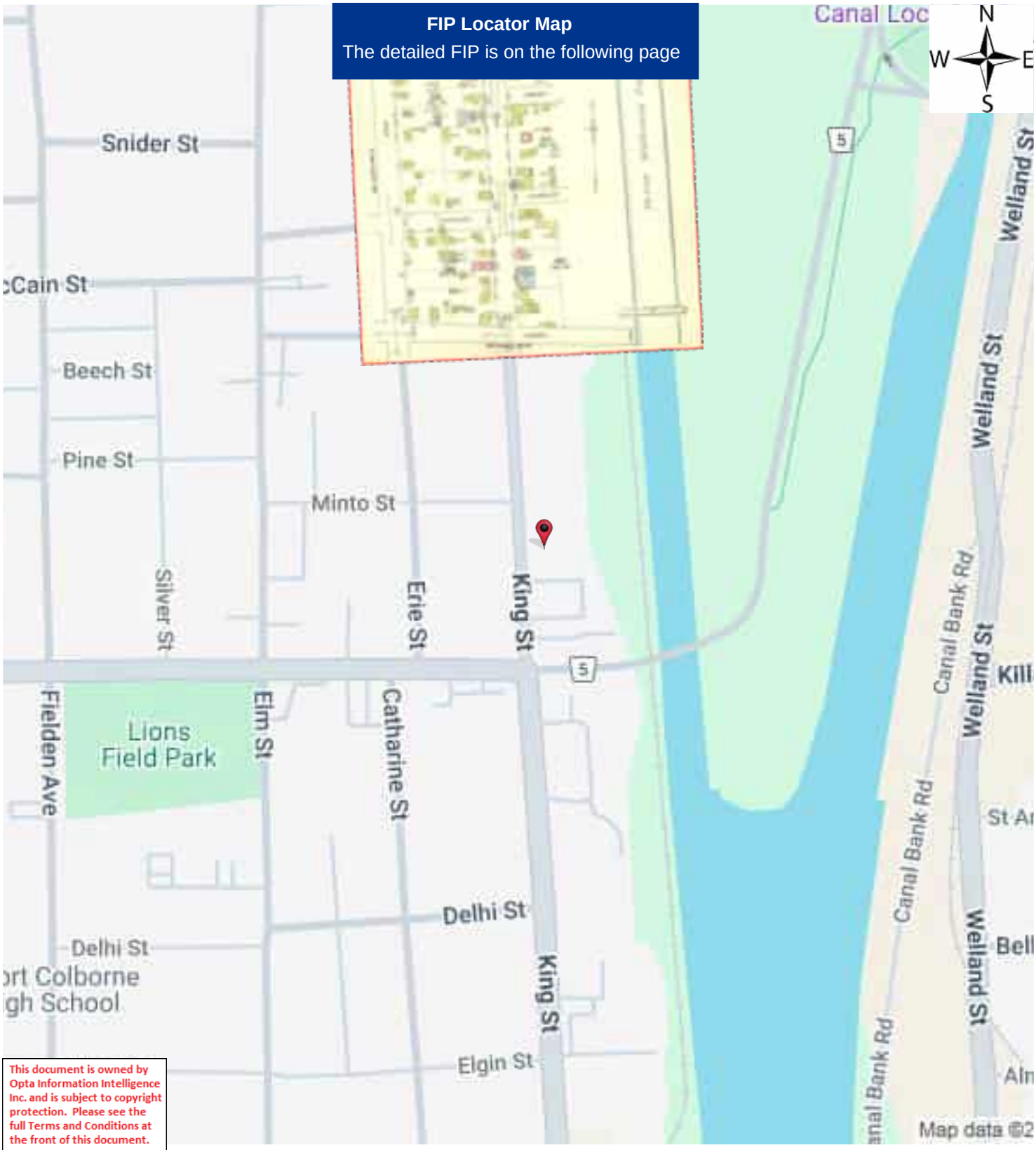
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 27
Port Colborne Plan: 1563 (1953) | Sheet: 27 (1953)



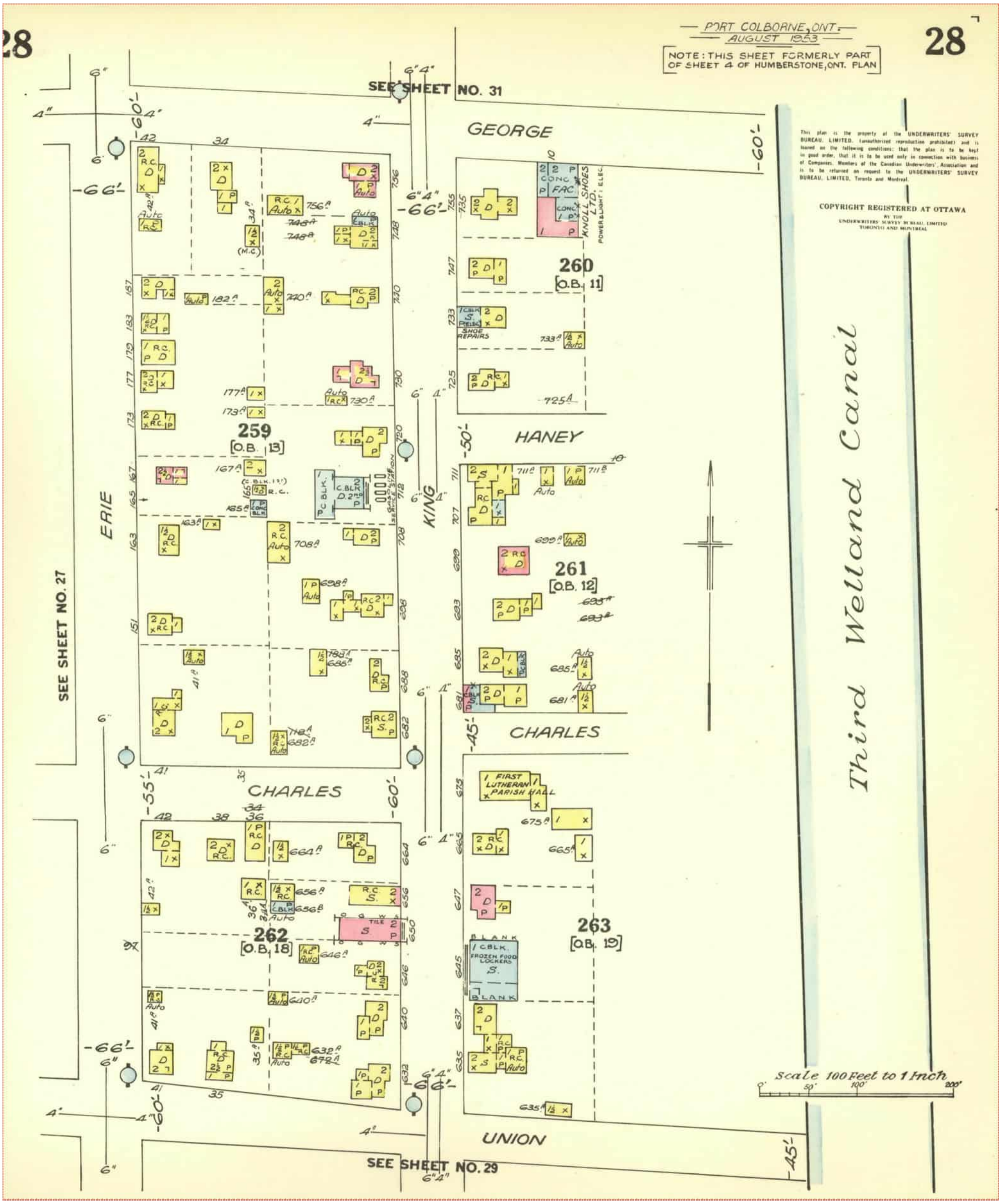
Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 28
Port Colborne Plan: 1563 (1953) | Sheet: 28 (1953)



Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 28
Port Colborne Plan: 1563 (1953) | Sheet: 28 (1953)

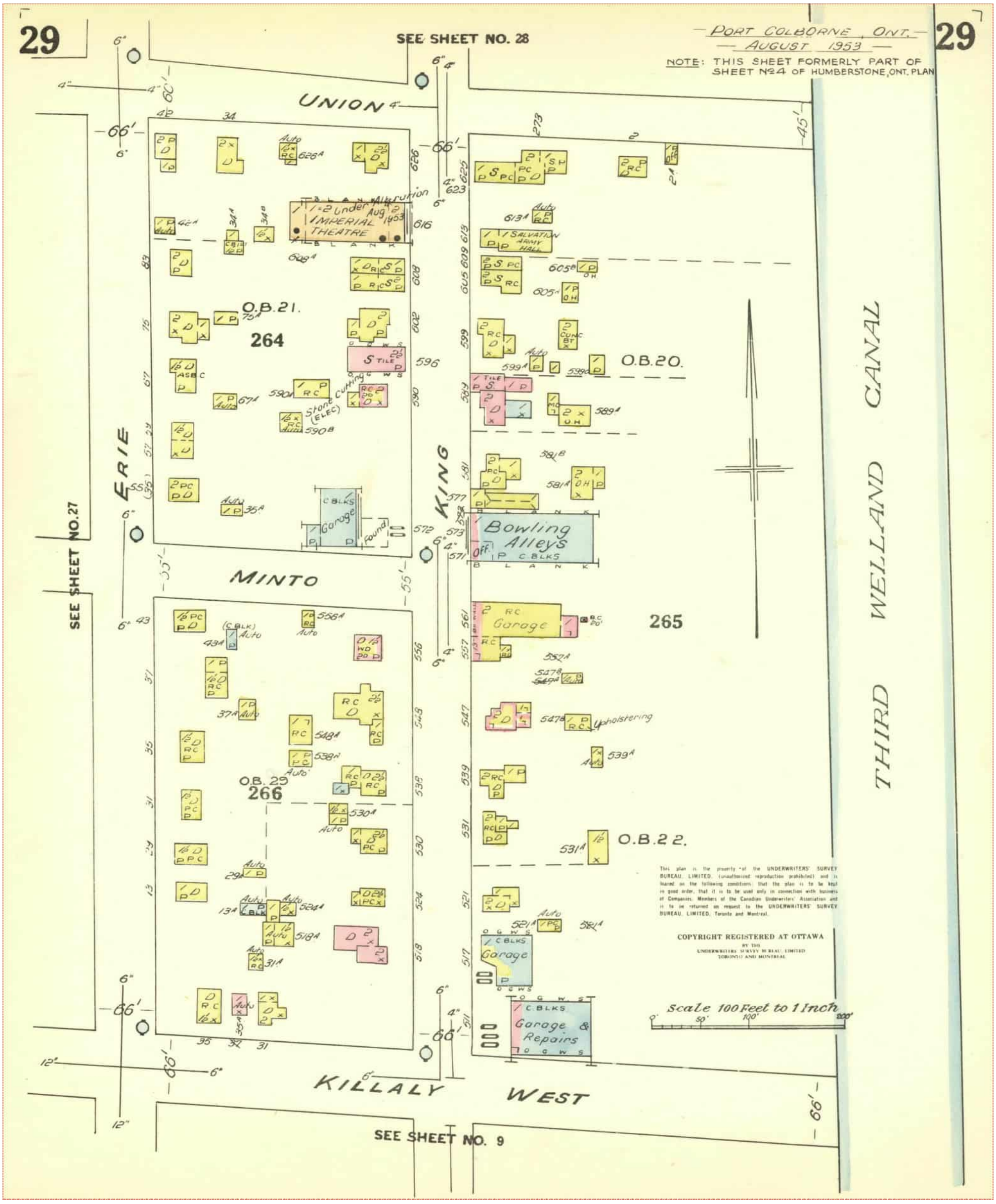


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 29
Port Colborne Plan: 1563 (1953) | Sheet: 29 (1953)

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1953 Volume: Port Colborne Firemap: 29
Port Colborne Plan: 1563 (1953) | Sheet: 29 (1953)

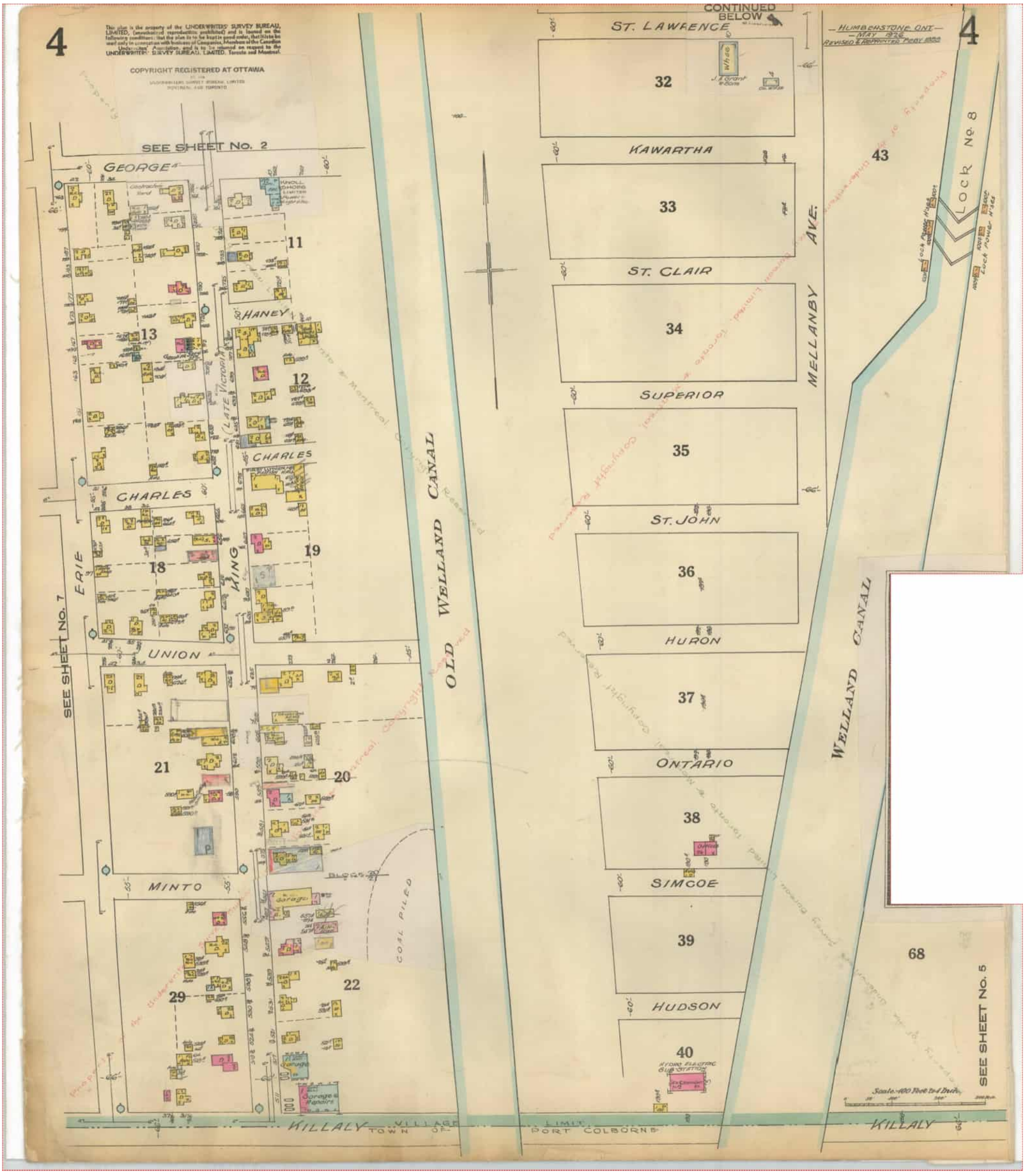


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1939 Volume: HUMBERSTONE Firemap: 4
Humberstone Plan: 913 A (1926) | Sheet: 4 (1939)

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1939 Volume: HUMBERSTONE Firemap: 4
Humberstone Plan: 913 A (1926) | Sheet: 4 (1939)

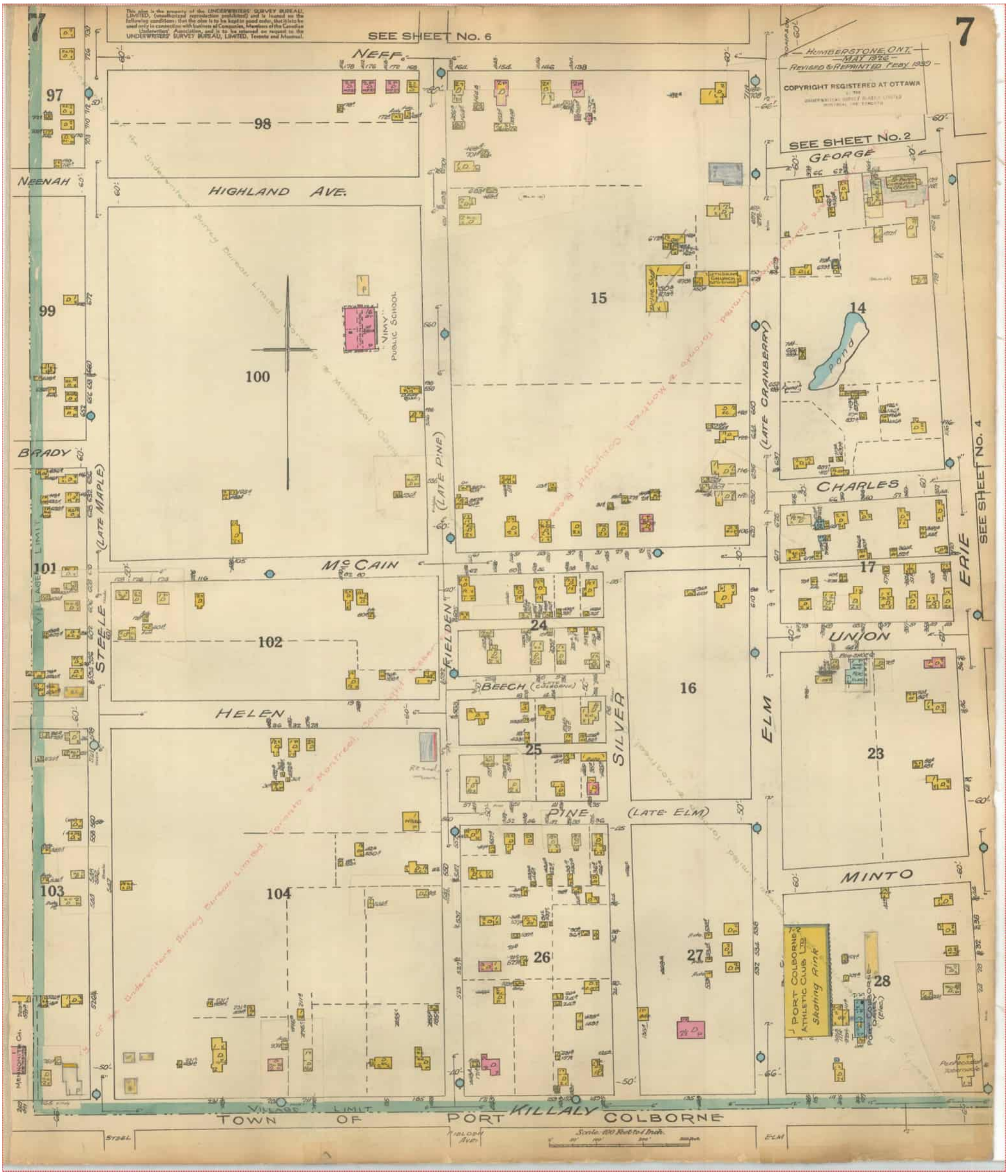


Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1939 Volume: HUMBERSTONE Firemap: 7
Humberstone Plan: 913 A (1926) | Sheet: 7 (1939)

Project #: 25082500032 | P.O. #: NS2510101
Requested by: Eleanor Goolab | Date Completed: 08/29/2025 12:52:25

1939 Volume: HUMBERSTONE Firemap: 7
Humberstone Plan: 913 A (1926) | Sheet: 7 (1939)



Office

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

1.877.244.9437

optaintel.ca

Verisk.com

APPENDIX D

AERIAL PHOTOGRAPHS

AERIAL PHOTOGRAPHS

Photograph No.:	1	**Year:**	1921
Source :	Historic Welland Canals Mapping Project (Accessed Aug 27, 2025) (https://www.arcgis.com/apps/mapviewer/index.html?webmap=6d9c9e439dca43f482be1caa2104d10d)		

AERIAL PHOTOGRAPHS

Photograph No.:	2	**Year:**	1934
Source :	Niagara Air Photo Index (Accessed Aug 27, 2025) (https://www.arcgis.com/apps/webappviewer/index.html?id=33873be71555423db62472eebf317042&extent=-8818448.9196%2C5339189.2986%2C-8811110.9648%2C5342132.1242%2C102100		

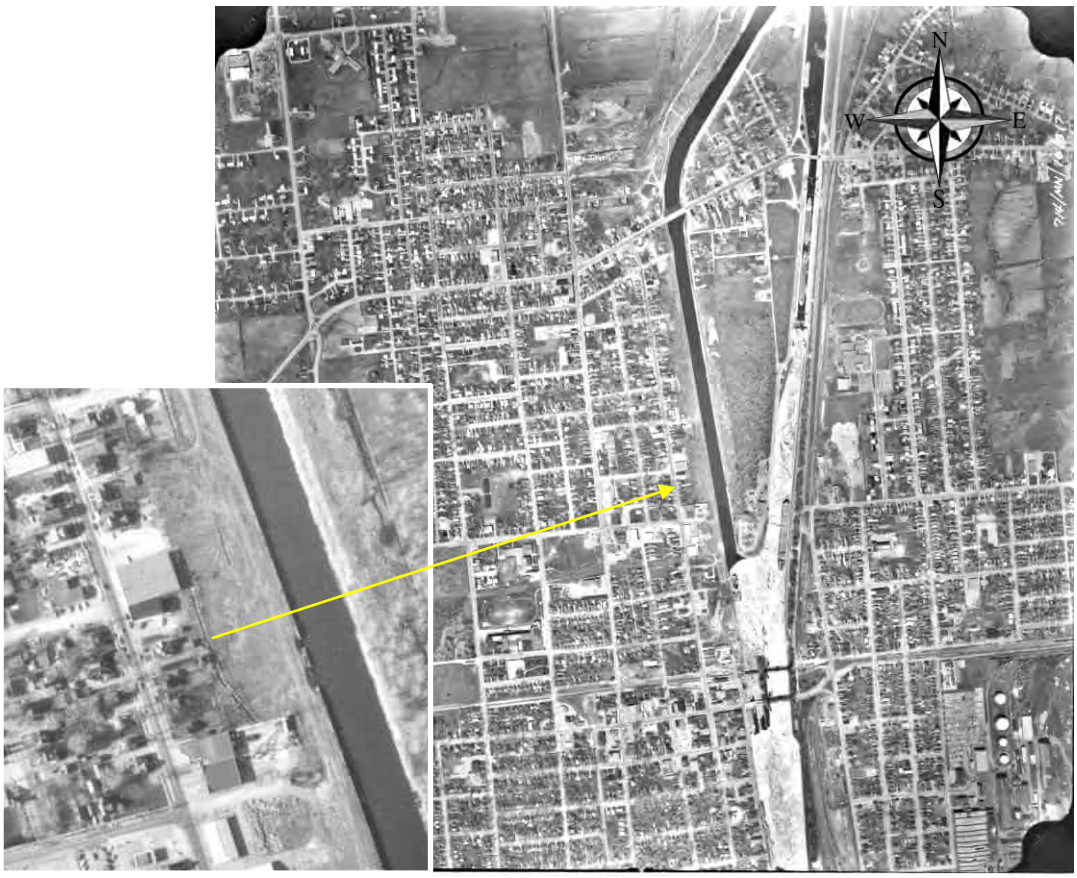
AERIAL PHOTOGRAPHS

Photograph No.:	3	**Year:**	1954-55
Source :	Niagara Air Photo Index (Accessed Aug 27, 2025) (https://www.arcgis.com/apps/webappviewer/index.html?id=33873be71555423db62472eebf317042&extent=-8818448.9196%2C5339189.2986%2C-8811110.9648%2C5342132.1242%2C102100)		

AERIAL PHOTOGRAPHS

Photograph No.:	4	**Year:**	1965
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS



Photograph No.:	5	**Year:**	1971
Source :	Niagara Air Photo Index (Accessed Aug 27, 2025) (https://www.arcgis.com/apps/webappviewer/index.html?id=33873be71555423db62472eebf317042&extent=-8818448.9196%2C5339189.2986%2C-8811110.9648%2C5342132.1242%2C102100		

AERIAL PHOTOGRAPHS

Photograph No.:	6	**Year:**	2000
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

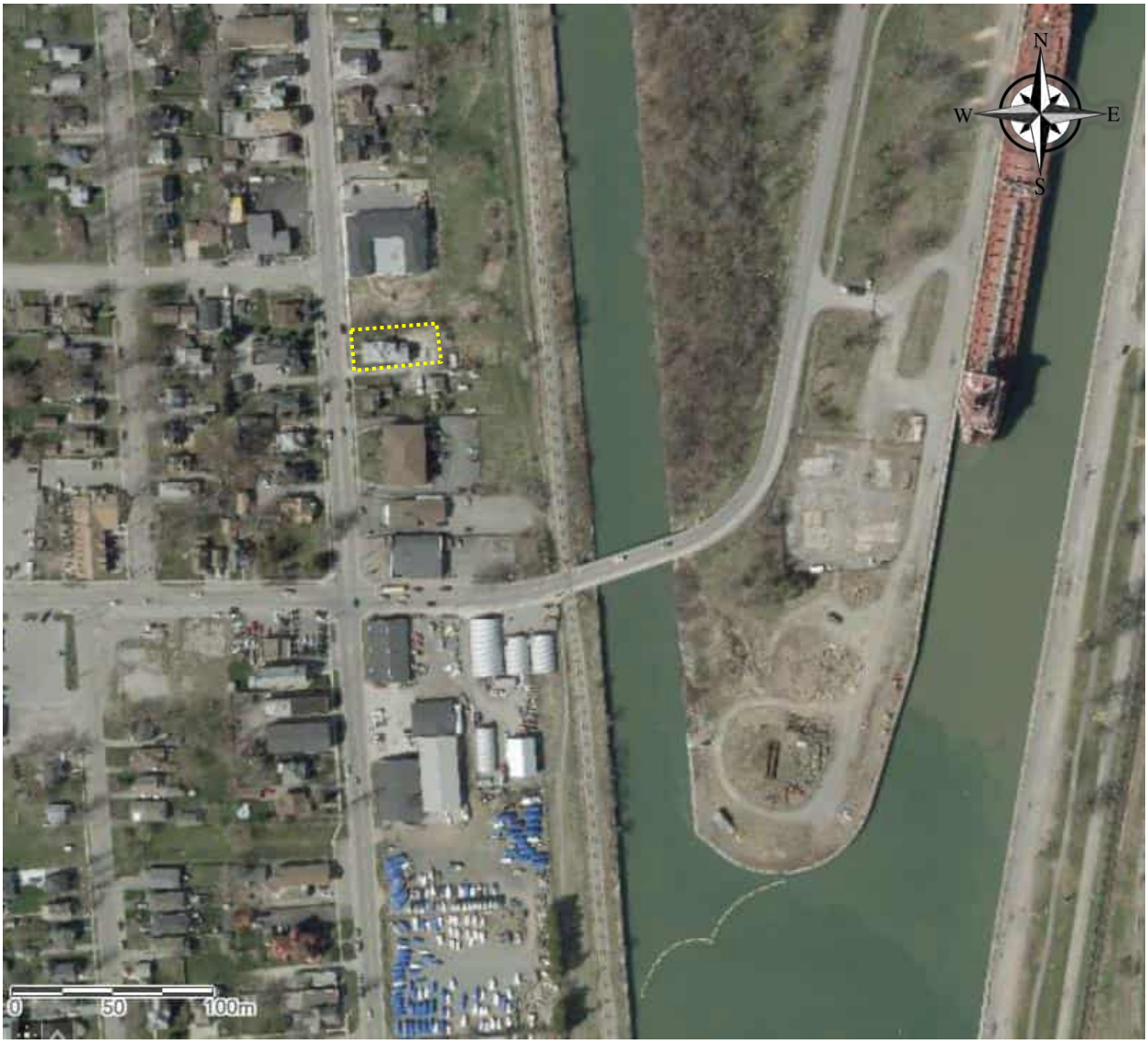
AERIAL PHOTOGRAPHS

Photograph No.:	7	**Year:**	2006
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS

Photograph No.:	8	**Year:**	2010
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS



Photograph No.:	9	**Year:**	2013
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS

Photograph No.:	10	**Year:**	2018
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS

Photograph No.:	11	**Year:**	2020
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

AERIAL PHOTOGRAPHS

Photograph No.:	12	**Year:**	2023
Source :	Niagara Navigator (Accessed Aug 28, 2025) (https://navigator.niagararegion.ca/portal/apps/webappviewer/index.html?id=4500745f3cd141ddb707913a444e7886#)		

APPENDIX E

WELL RECORDS

WATER WELL RECORDS

atitude:42.89485, Longitude:-79.24951 (UTM Zone:17, Easting:642925, Northing:4750624)

Map Source: Ministry of Environment and Energy ©2022

Well ID	Well Depth (m)	Date of Completion (MM/DD/YYYY)
6601614	20.1m	06/01/1956 (drainage purposes)
7213110	6.09m	01/08/2013 (monitoring)
6604920 (cluster – 3)	5.0m	09/06/2005
7240643 (Decom)	4.5m (Bedrock at 1.21m)	04/08/2015

Do not publish Drainage Well

UTM Z- E

9 R N

Elev. 9 R 0590

Basin 23

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

66 No 1614

Water-Well Record

County or Territorial District ..... Wellands ..... Township, Village, Town or City ..... CITY Port Colborne

Con. ..... Lot ..... Street and Number (if in Village, Town or City) .....

Owner ..... [redacted] Address ..... Port Colborne Dairy Ltd

Date completed 1 June 1956
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) ..... 5"

Length(s) ..... 5 ft

Type of screen .....

Length of screen .....

Pumping Test

Static level ..... 22 ft.

Pumping rate ..... 100 gal per minute

Pumping level ..... 22 ft.

Duration of test ..... 1 hour.

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Shelly rock	0	4	22 ft	4 ft	fresh
flint	4	22			
Limestone	22	66	66 ft	44 ft	sulphur

Water Record

For what purpose(s) is the water to be used? recharge drainage well

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? Level

Drilling firm ..... L. Hallberg

Address ..... R.R. 1 Port Colborne Ont.

Name of Driller .....

Address ..... Same

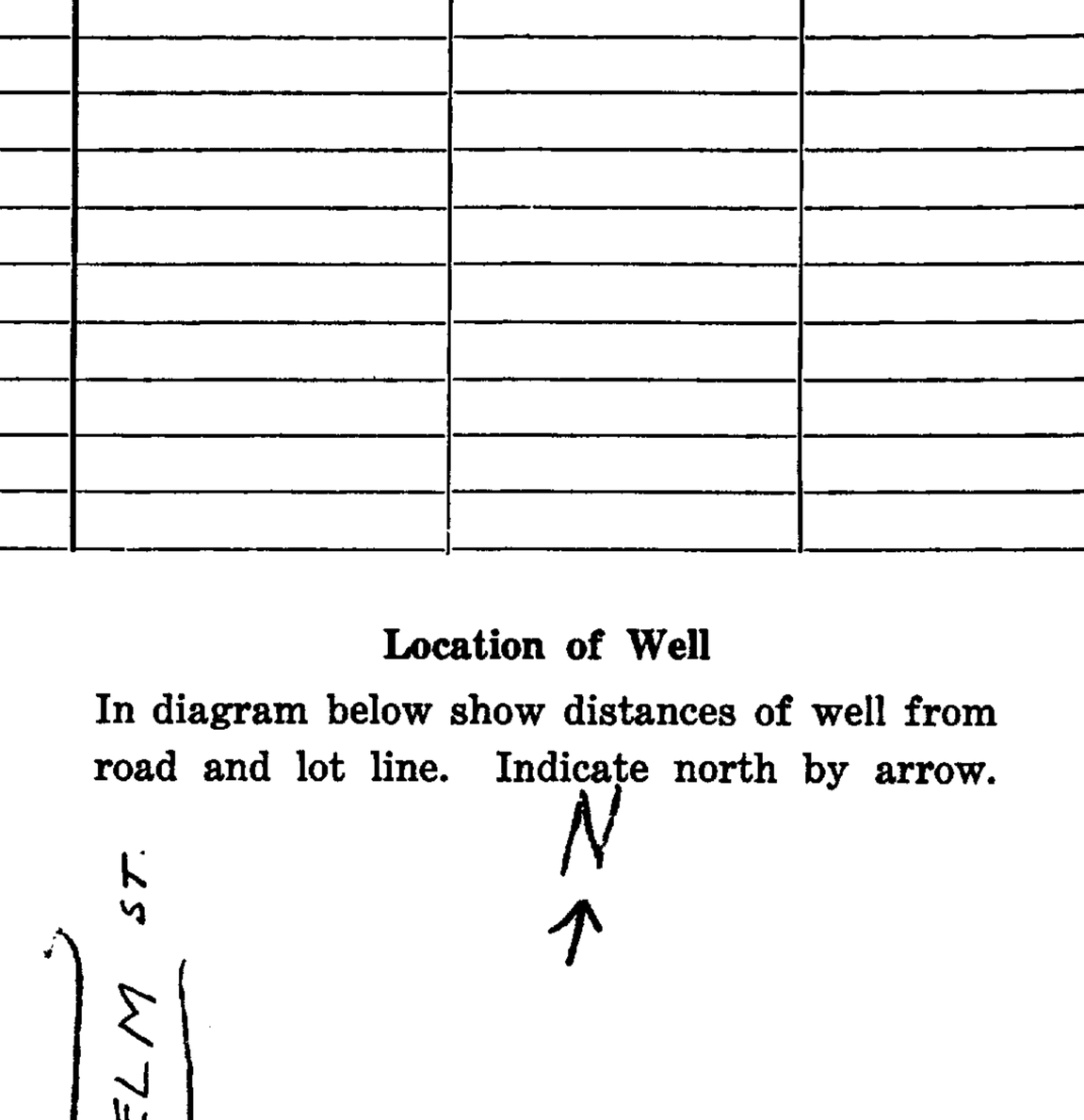
Licence Number 737

I certify that the foregoing statements of fact are true.

Date July 23 Leonard Hallberg
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.S8

Form 5

[redacted]

Ontario Ministry of the Environment

Well Tag Number A 031549

A031549

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

[redacted]

Address of Well Location (County/District/Municipality): PORT COLBORNE

Township: PORT COLBORNE | Lot | Concession

RR#/Street Number/Name: 40-44 KILLALY St. W. L3K3L5 | City/Town/Village: PORT COLBORNE | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 17 | Easting 791568 | Northing 4753496 | Unit Make/Model: GARMIN | Mode of Operation: [X] Undifferentiated [ ] Averaged [ ] Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
BROWN	CLAY	SILT	BROWN SILTY CLAY	0	5

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	5	5.5

Water Record

Water found at ___ Metres	Kind of Water
___ m	[ ] Fresh [ ] Salty [ ] Sulphur [ ] Minerals [ ] Gas [ ] Other:
___ m	[ ] Fresh [ ] Salty [ ] Sulphur [ ] Minerals [X] Gas [ ] Other:
___ m	[ ] Fresh [ ] Salty [ ] Sulphur [ ] Minerals [ ] Gas [ ] Other:

After test of well yield, water was: [ ] Clear and sediment free [ ] Other, specify

Chlorinated [ ] Yes [ ] No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
Casing				
5.0	[ ] Steel [ ] Fibreglass [X] Plastic [ ] Concrete [ ] Galvanized	0.6	0	1.5
	[ ] Steel [ ] Fibreglass [X] Plastic [ ] Concrete [ ] Galvanized			
	[ ] Steel [ ] Fibreglass [ ] Plastic [ ] Concrete [ ] Galvanized			
Screen				
Outside diam 5.6	[ ] Steel [ ] Fibreglass [X] Plastic [ ] Concrete [ ] Galvanized	Slot No. 10	1.5	5
No Casing or Screen				
	[ ] Open hole			

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ____ hrs + ____ min	2		2	
Final water level end of pumping ____ metres	3		3	
Recommended pump type. [ ] Shallow [ ] Deep	4		4	
Recommended pump depth. ____ metres	5		5	
Recommended pump rate. (litres/min)	10		10	
	15		15	
If flowing give rate. (litres/min)	20		20	
	25		25	
If pumping discontinued, give reason.	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record

[X] Annular space [ ] Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	1.2	BENTONITE	

Method of Construction

[ ] Cable Tool [ ] Rotary (air) [ ] Diamond [ ] Digging
[ ] Rotary (conventional) [ ] Air percussion [ ] Jetting [ ] Other
[ ] Rotary (reverse) [X] Boring [ ] Driving

Water Use

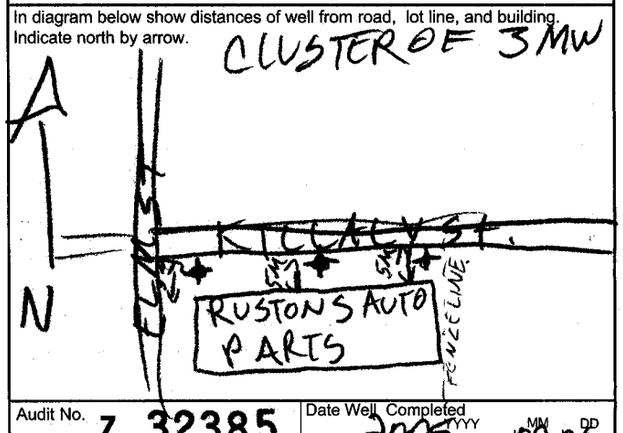
[ ] Domestic [ ] Industrial [ ] Public Supply [X] Other MONITORING
[ ] Stock [ ] Commercial [ ] Not used
[ ] Irrigation [ ] Municipal [ ] Cooling & air conditioning

Final Status of Well

[ ] Water Supply [ ] Recharge well [ ] Unfinished [ ] Abandoned, (Other)
[X] Observation well [ ] Abandoned, insufficient supply [ ] Dewatering
[ ] Test Hole [ ] Abandoned, poor quality [ ] Replacement well

Location of Well

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.



Audit No. Z 32385 | Date Well Completed 2005 (YYYY) 09 (MM) 06 (DD)

Was the well owner's information package delivered? [ ] Yes [X] No | Date Delivered

Well Contractor/Technician Information

Name of Well Contractor: DETERMINATION DRILLING | Well Contractor's Licence No. 7295

Business Address (street name, number, city etc.): 321 BOVAIRD DR. E HAMILTON ON L8R 1C5

Name of Well Technician (last name, first name): CARROLL, IAN | Well Technician's Licence No. T-3215

Signature of Technician/Contractor: X [signature] | Date Submitted 2005 (YYYY) ___ (MM) ___ (DD)

Ministry Use Only

Data Source	Contractor
	7295
Date Received YYYY MM DD: DEC 12 2005	Date of Inspection YYYY MM DD
Remarks	Well Record Number

0506E (09/03) Contractor's Copy [ ] Ministry's Copy [X] Well Owner's Copy [ ]

Cette formule est disponible en français

Ontario — Ministry of the Environment

Well Tag No. *(Place Sticker and/or Print Below)*: A144022

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Measurements recorded in: ☐ Metric ☑ Imperial

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
NIAGARA ~~HOSAC~~	PENINSULA HOUSING CORPORATION		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
3477 AVERY BLVD.	NIAGARA FALLS	ONTARIO	L2E6S6	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
57 MINTO ST.			

County/District/Municipality	City/Town/Village	Province	Postal Code
	PORT COLBORNE	Ontario	L3K

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	791511	4753353		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BROWN	TOPSOIL			0'	2'
GREY	LIMESTONE			2'	20'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed *(m^3/ft^3)*
0'	4'	BENTONITE CHIPS	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☑ Boring ☐ Digging
☐ Air percussion
☐ Other, *specify* _____

Well Use

☐ Public ☐ Commercial ☐ Not used
☐ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☑ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, *specify* _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
1.5"	PLASTIC	.2"	0'	5'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
2"	PLASTIC	10	5'	20'

Status of Well

☐ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, *specify*
☐ Other, *specify*

Water Details

Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, *specify*

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)

Results of Well Yield Testing

After test of well yield, water was:
☐ Clear and sand free
☐ Other, *specify* _____

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

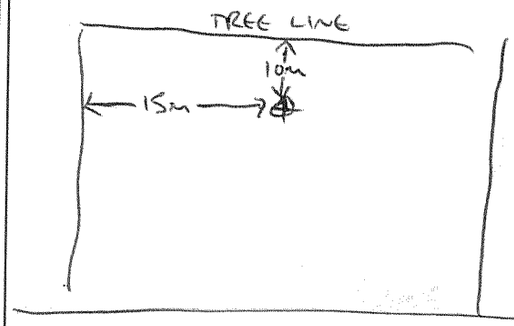
Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level				
1			1	
2			2	
3			3	
4			4	
5			5	
10			10	
15			15	
20			20	
25			25	
30			30	
40			40	
50			50	
60			60	

Map of Well Location

Please provide a map below following instructions on the back.



57 MINTO ST.

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
DETERMINATION DRILLING	7295

Business Address (Street Number/Name)	Municipality
2493 HENDERSHOT RD	HAMILTON

Province	Postal Code	Business E-mail Address
ONTARIO	L0R1C0	DAN@DETERMINATIONDRILLING.COM

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
9056922481	DAVIES, CHRIS

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7153		

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No		2013/01/08

Ministry Use Only

Audit No. Z165893

DEC 17 2013

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Ministry's Copy

7240643

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: ☐ Metric ☒ Imperial

Well Tag No. *(Place Sticker and/or Print Below)*: No Tag

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

CITY OF PORT COLBORNE

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
409 Catherine St.	–	–	–

County/District/Municipality	City/Town/Village	Province	Postal Code
Niagara	Port Colborne	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	642674 (overwritten, unclear)	4750247		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Grey	Bentonite	3/8 holeplug	Well decommission	4'	0'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
4'	1'	Bentonite Grout	
1'	0	3/8 Holeplug	

Results of Well Yield Testing

After test of well yield, water was: ☐ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ___ hrs + ___ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Method of Construction

☐ Cable Tool ☐ Diamond ☒ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☐ Other, specify

Well Use

☐ Public ☐ Commercial ☐ Not used ☐ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☒ Test Hole ☒ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, specify

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
1¼"	PVC			

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1¼"	PVC			

Status of Well

☐ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☒ Abandoned, other, specify ☐ Other, specify

Water Details

Water found at Depth ___ (m/ft) Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify

Water found at Depth ___ (m/ft) Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify

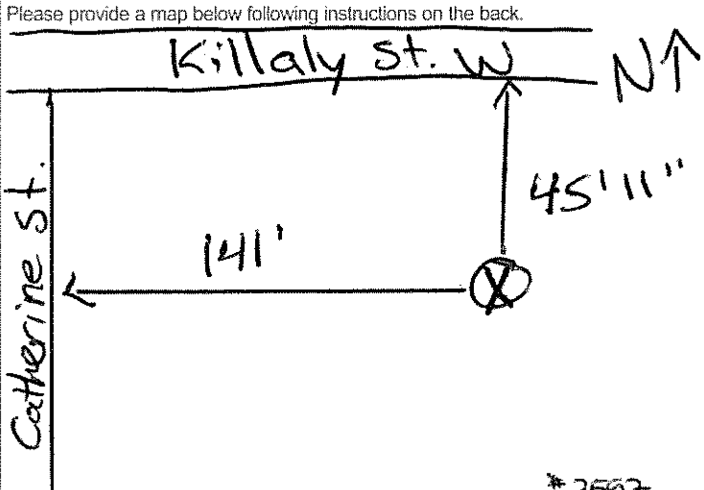
Water found at Depth ___ (m/ft) Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Map of Well Location

Please provide a map below following instructions on the back.



Well Contractor and Well Technician Information

Business Name of Well Contractor: Direct Environmental Drilling Inc

Well Contractor's Licence No.: 7320

Business Address (Street Number/Name): 37 Shaw Valley Dr.

Municipality: St. Thomas

Province: Ont   Postal Code: N5R6S9

Business E-mail Address: aarmstrong@directenvironmentaldrilling.com

Bus. Telephone No. (inc. area code): 5198680175

Name of Well Technician (Last Name, First Name): Armstrong Andrew

Well Technician's Licence No.: 3446

Signature of Technician and/or Contractor: [signature]

Date Submitted: 20150417

Comments: #2597 Decom By well assistant Ben McIntosh. Bedrock at 4' / Well = 15'

Well owner's information package delivered: ☐ Yes ☒ No

Date Package Delivered: YYYYMMDD

Date Work Completed: 20150406

Ministry Use Only

Audit No. Z 206764

Received: APR 27 2015

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APPENDIX F

INTERVIEW, SITE RECONNAISSANCE &
PHOTOGRAPHIC LOG

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Project Information			
Site Address 547	King St. Port Colborne, ON	**NSSL Project No.**	
		Date	8.25.25

Client Information		
Interviewee Name Drew Toth	13 Carleton St S Thorold, ON L2V 1Z5	
Position owner		**Years Familiar with the Site** 9
Current owner(s) of the site, time period Since Jan 2017	Unknown	NA

Historic Information			
Previous owner(s) of the site, time period	Unknown ✓	NA	
Current tenant(s) of the site, time period	Unknown ✓	NA	
Previous tenant(s) of the site, time period	Unknown ✓	NA	
Was the property ever used as a dry cleaner, garage, gasoline or liquid dispensing facility, or other industrial use?	Yes	No	Unknown
	If yes, please elaborate		
Have any reports and/or studies (environmental or other) been completed on the property? If yes, are they available for review?	Yes	No	Unknown

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Site Information					
What type of potable water supply is available at the Site?	Municipal	Private			None
		Cistern	Drilled Well	Other	
What type of wastewater (sewage) system is available at the Site?	Municipal	Private			None
		Septic Bed		Other	
Are there any electrical transformers located at the Site?	Yes		No		Unknown
Has there ever been any fires at the Site? If yes, please provide details.	Yes		No		Unknown
Has any soil (fill, gravel, topsoil, etc.) been brought to and deposited on the Site for construction, grading or backfill purposes or for the creation of berms?	No				
Are there any existing monitoring wells on the Site?	Yes		No		Unknown
Building Information					
Are there existing or former buildings at the Site? If yes, please provide details.	Yes		No		Unknown
Have any additions been constructed on the existing building(s)?	Yes		No		Unknown
What are the current heating systems associated with the building(s)?	gas boiler				
What were the former heating systems (fuel oil, wood, coal, electric etc.)?	wood stove				
Are there any sumps in the building(s)?	Yes		No		Unknown
Are there any areas of water damage in the building(s)? If yes, where?	Yes		No		Unknown

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Building Information cont'd			
Is there evidence of mould growth? If so, where?	Yes	No	Unknown
Are there any concerns related to indoor air quality in the building(s)?	Yes	No	Unknown
Is there any asbestos, lead, Urea Foam Formaldehyde Insulation (UFFI) or PCB containing materials in the building(s)? If so, where and what type of building material.	Yes	No	Unknown
Have any of these materials been previously removed from the building(s)?	Yes	No	Unknown
Site Operations			
Are there any site plans or drawings, available for review, showing areas of production, manufacturing, chemical or waste storage in the building(s) or Site?	Yes	No N/A	Unknown
Fuel Storage & Handling, Liquid & Solids Wastes, Chemicals & Spills			
Are there any above ground or underground storage tanks (AST/UST) on Site? If yes, where?	Yes	No	Unknown
Were any AST/USTs historically removed from the Site?	Yes	No	Unknown
Are there any current or former fuel pumps or fuelling systems on Site?	Yes	No	Unknown
Are there any waste oils generated and/or stored on Site?	Yes	No	Unknown
Are there any oil-water separators and/or floor drains on Site?	Yes	No	Unknown
Is there any hydraulic lift equipment ie. inground hoists or elevators?	Yes	No	Unknown
Are any chemicals or solvents stored or used on Site?	Yes	No	Unknown
Are Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) for the chemicals available for review?	Yes	No	Unknown

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Environmental Compliance			
Is there any known or suspected soil and/or groundwater contamination at the Site? If yes, please explain.	Yes	No	Unknown
Are you aware of any site-specific permits, waste generation numbers, Environmental Compliance Approvals or Certificates of Approval associated with the Site? If yes, please list.	Yes	No	Unknown
Are there any records of spills or records of discharge of contaminants associated with the Site?	Yes	No	Unknown
Adjacent Site Information			
Are you aware of any current or historic environmental concerns associated with an adjacent property? If yes, please explain.	Yes	No	Unknown
Additional Information			
Is there another person we should contact for additional information pertaining to the Site?	No		
Do you have any additional comments?	No		

The above information is a true representation of my knowledge of the Site and operations. I understand that this information will be reviewed by NSSL and compiled in the Environmental Site Assessment report.

Signature of Interviewee: _____

ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Project Information			
Site Address	547 King Street, Port Colborne, Ontario	**NSSL Project No.**	NS25101-01
		Date	September 3, 2025
Client Information			
NSSL Staff	Damen Nyland, Sue Narsted		
Owner/Other	Drew Toth		
Surrounding Land Use Features			
North	Residential		
South	Vacant land, shared laneway (easement as stated by Site representative). Residential beyond the laneway.		
East	Vacant land – Merritton Trail and Trillium Railway.		
West	Residential/Commercial properties		

Study Site Features	
Potable Water Source	Municipal
Waste Water Source	Municipal
Groundwater Monitoring Wells	None observed.
Fill Material	None observed.
Surface Water Runoff (swales, catch basins)	None observed.
Watercourses, ditches, standing water	None observed.
Electrical Transformers on site? Company name, transformer #	None observed on site. The hydro pole to the northwest contained a transformer.
Ground Cover	Mix of gravel covered laneway, manicured grass and trees and brush. Concrete pad at the rear of the building – remnant of historical structure.
Exterior Building Observations	
Exterior wall material	Brick on the original house with siding on lower level of the front of the house. The addition was clad with siding – aluminum
Roofing material	Asphalt shingles over the entire roof structure.
Foundation type	Concrete block, stone.
Number of storeys	Two
Number of exits/entrances	Multiple – multi unit residential with a garage entrance at the back.
Basement (full/partial/none)	Yes – accessed from a trap door within the main floor interior. Partial basement is full height (~1.8m). Part of the basement is a crawl space accessible only from the main basement.
Lighting	Mixed. Light ballasts with fluorescent bulbs as well as incandescent light fixtures were seen.

ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Above Ground or Underground Storage Tanks	
Location of AST/UST	None observed.
Contents of AST/UST	N/A
Material (fiberglass, steel)	N/A
Year installed/removed	N/A
Secondary containment?	N/A
Fill frequency	N/A
Visible Staining, stressed vegetation	N/A
Associated Pumps/Lines	N/A
Interior Building Observations	
Interior wall materials	Mixed wall types due to renovations over the years. Plaster, paneling (wood and particle board) and drywall.
Floor materials	Mixed due to renovations and reconfigurations of rooms throughout the history of the building. Carpet, vinyl tiles, wood, wood laminate, rolled vinyl.
Ceiling materials	Plaster, “Popcorn” style for most of the ceilings.
Lighting	Mixed. Fluorescent and incandescent light fixtures observed.
Oil water separators, floor drains, sumps	Two sump pumps were found within the basement.
Hydraulic equipment (inground hoists/elevators)	None observed.
Pits and Lagoons	None observed.
Stained materials	Evidence of moisture was seen in various locations throughout the building. No oil/grease stains were observed.
Chemicals or other generated and/or stored	None observed.
Heating System	Boiler (gas), Electric baseboards. Fireplaces (gas), historically wood (?)
UFFI (urea formaldehyde foam insulation)	None observed.
PCB’s	Potential in older light ballasts.
Lead	Paint was peeling in several locations within the building. There is a potential for lead based paints as well as lead pipes given the age of the structure.
Asbestos Containing Materials (ACM)	Broken floor tiles were seen in various locations within the building that had the potential to contain asbestos.
Mercury	Thermostat noted on the 2nd floor which has the potential to contain mercury.

ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Interior Building Observations	
Water damage	The basement was very damp with evidence of water accumulation and the potential for mould.
Mould	The building is old. Some windows had been updated, however, those that have not been updated show evidence of moisture in surrounding frames and wall areas. These areas would be susceptible to mould growth.
Noise	None observed.
Indoor Air Quality	The building has been vacant for a few months and therefore, the air quality is not fresh but somewhat stale.

SITE SKETCH

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY

Photograph 1: View of the front entrance to the vacant residence with shared laneway to the right.

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY

Photograph 2: This view is the laneway south of the building. The concrete pad can be seen in the lower right corner.

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY
 
Photographs 3 & 4: Views of the north side of the property.

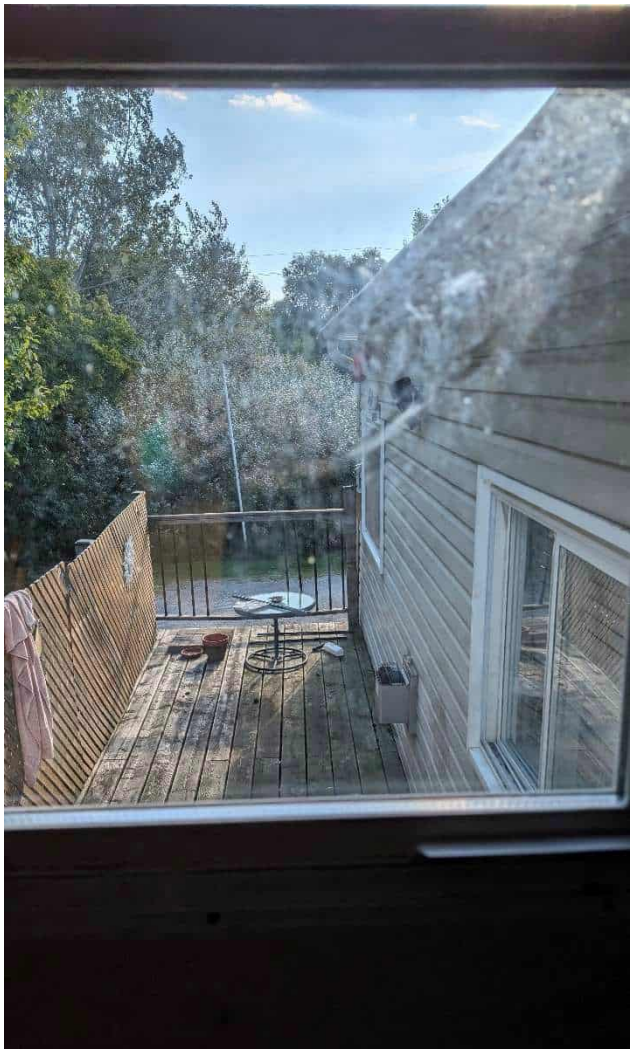
PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY

Photograph 5: Exterior view of the southwest side of the dwelling showing the additions and transition from the old to the newer.

PHOTOGRAPHIC LOG

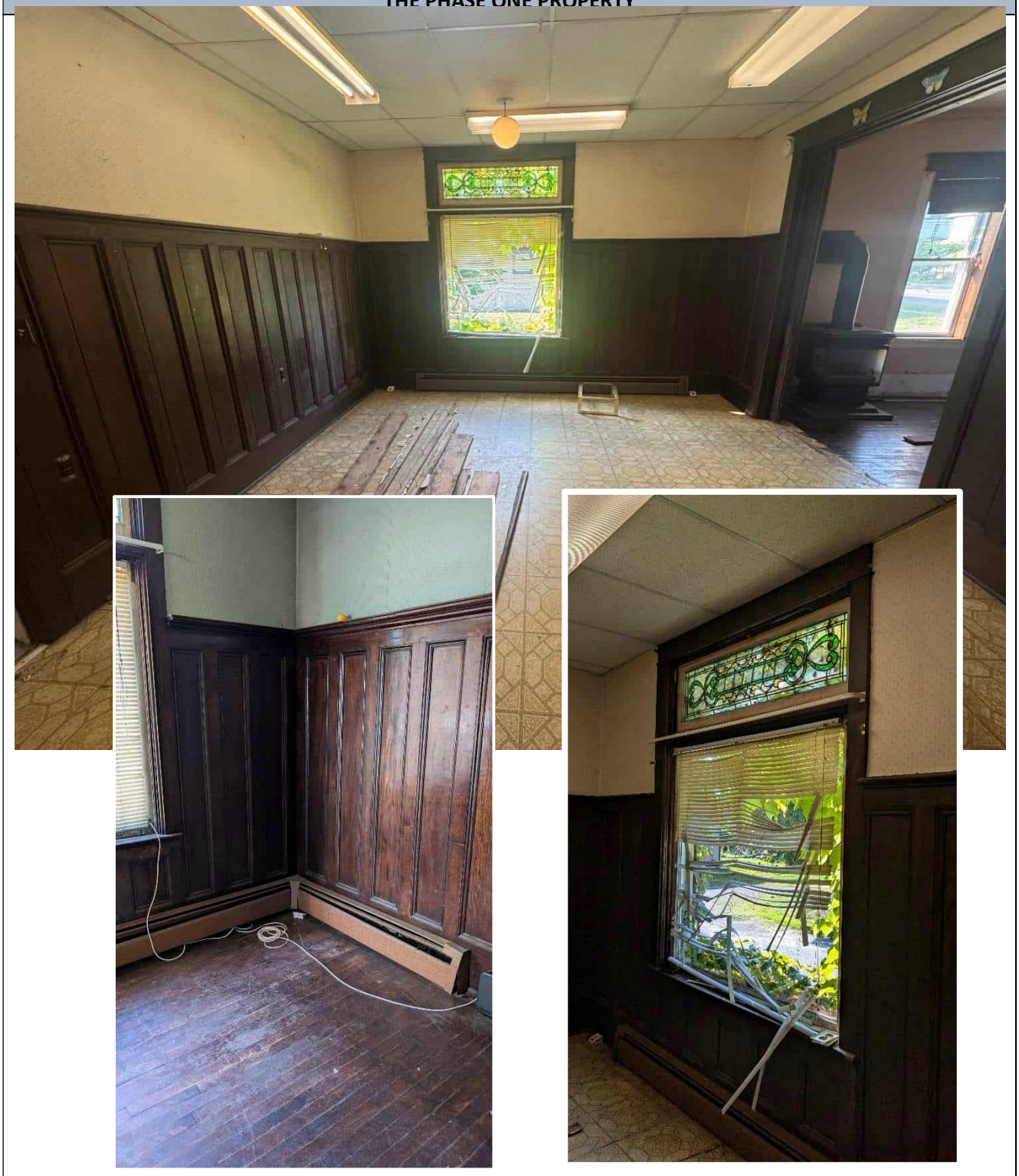
THE PHASE ONE PROPERTY



Photograph 6: View looking east towards the Canal from the 2nd storey unit.
Photograph 7: Living space on 2nd floor with remnants of fireplace.

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY



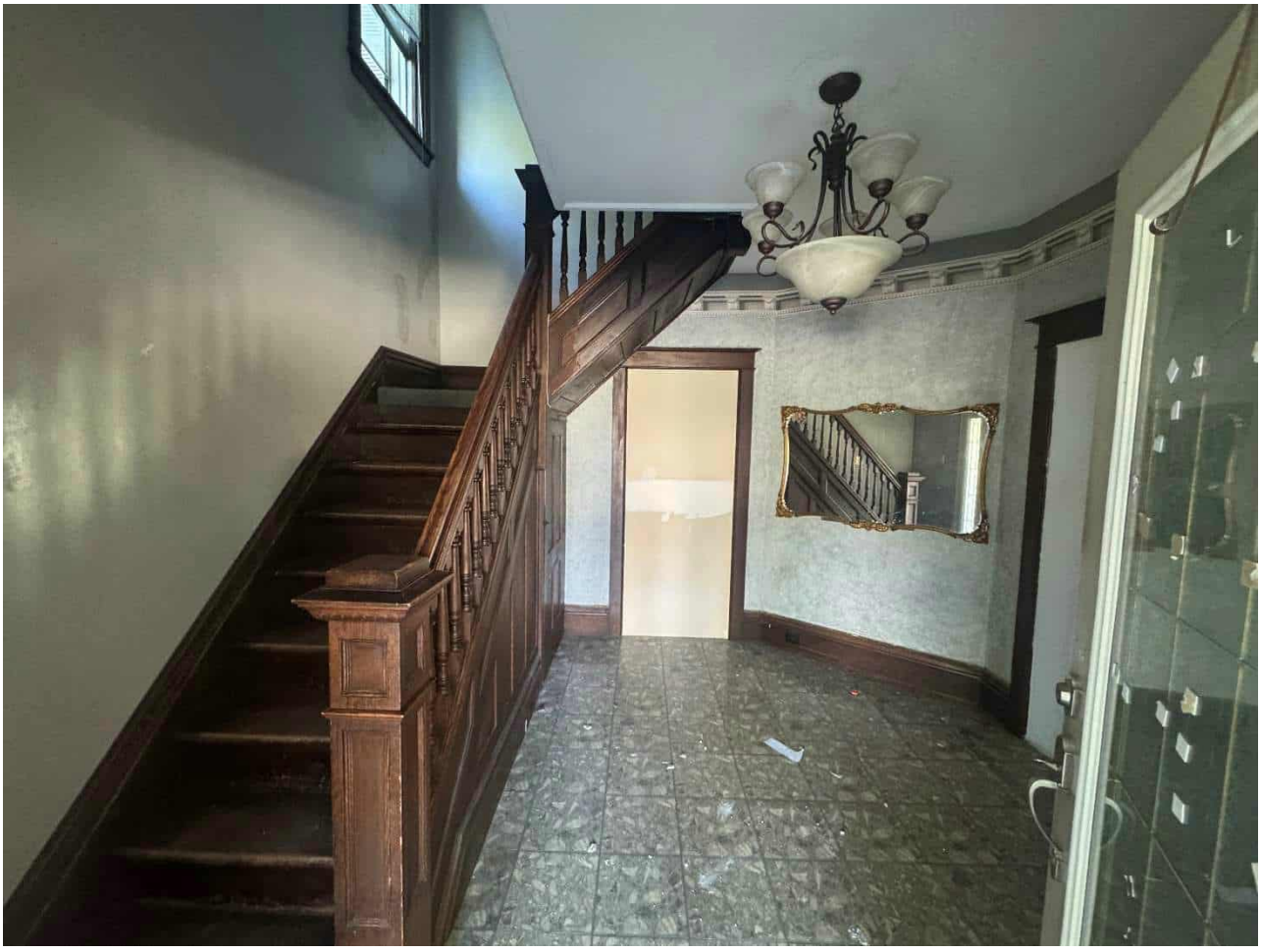
Photographs 8-10: Main floor parlours.

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY

Photograph 11: Hydro panel on 2nd floor. Note the original brick wall within the addition.
Photograph 12: Hot water system on ground floor in a small utility room.

PHOTOGRAPHIC LOG

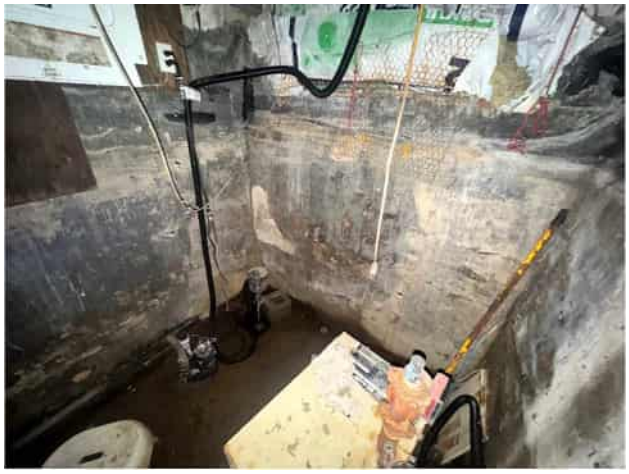
THE PHASE ONE PROPERTY

Photograph 13: Front entrance on ground floor.

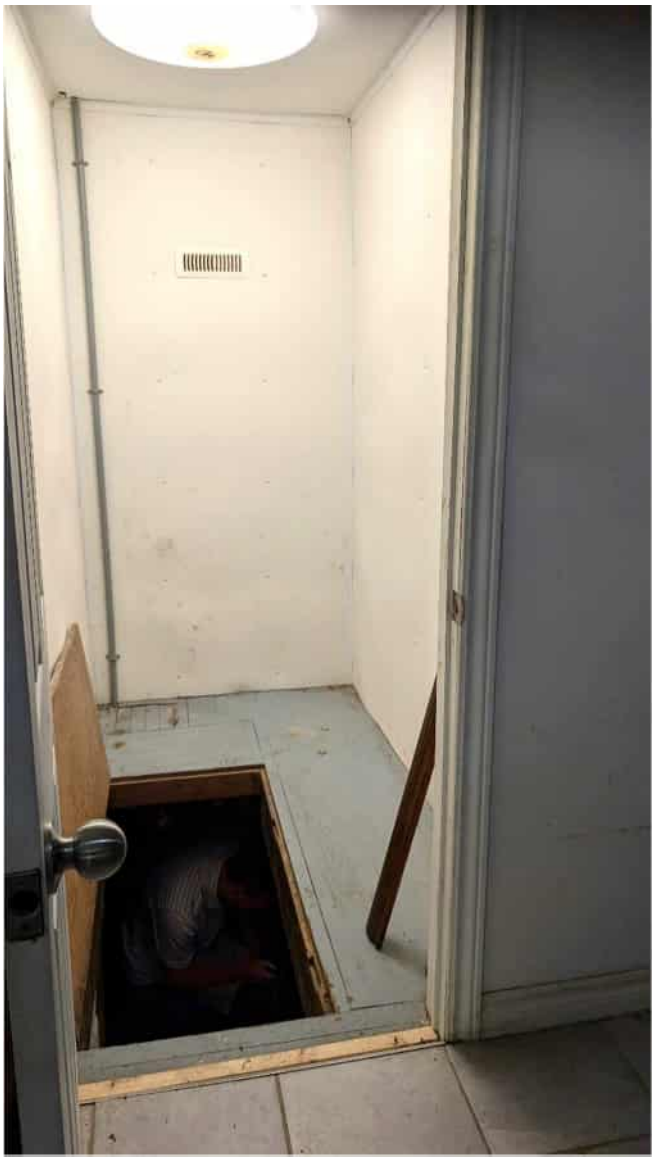
PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY
    
Photograph 14-18: Representative bedrooms in the 2nd floor unit.

PHOTOGRAPHIC LOG

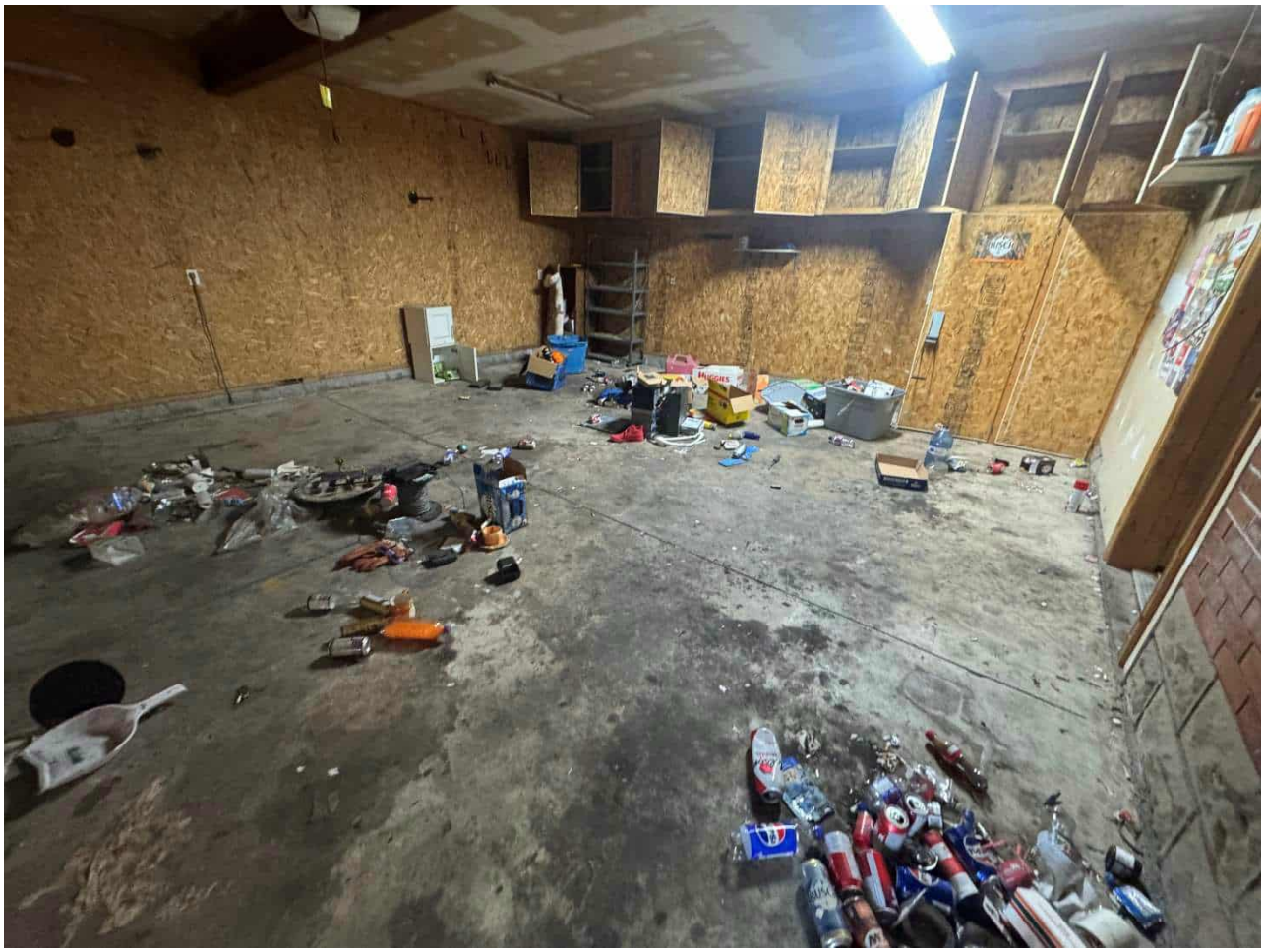
THE PHASE ONE PROPERTY



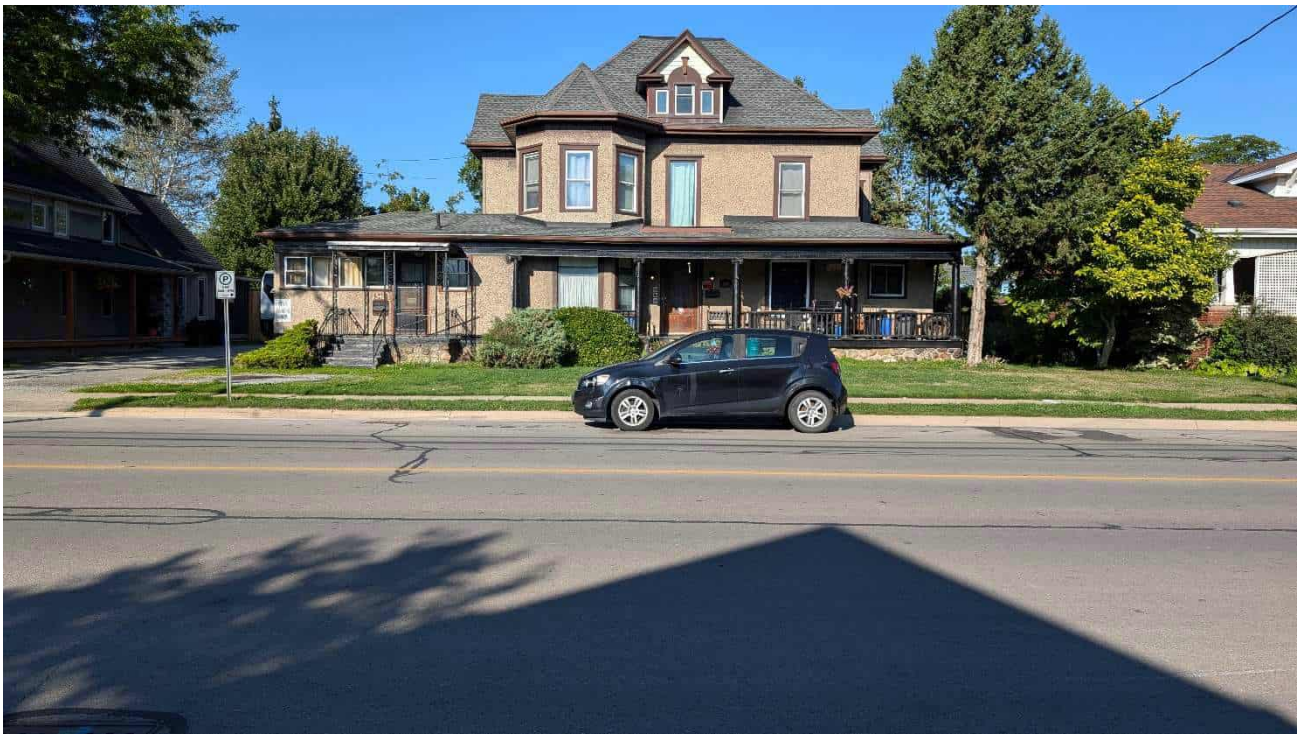


Photograph 19-22: Basement level photographs. Two sump pumps were located. The basement is accessible via a trap door down a small stairwell from the main floor. There is access to the crawl space from within the basement.

PHOTOGRAPHIC LOG

THE PHASE ONE PROPERTY

Photograph 23: Unfinished room, ground floor level, addition at the rear of the building.

PHOTOGRAPHIC LOG

SURROUNDING LAND USES

Photograph 24: Residential homes across King Street.

PHOTOGRAPHIC LOG

SURROUNDING LAND USES

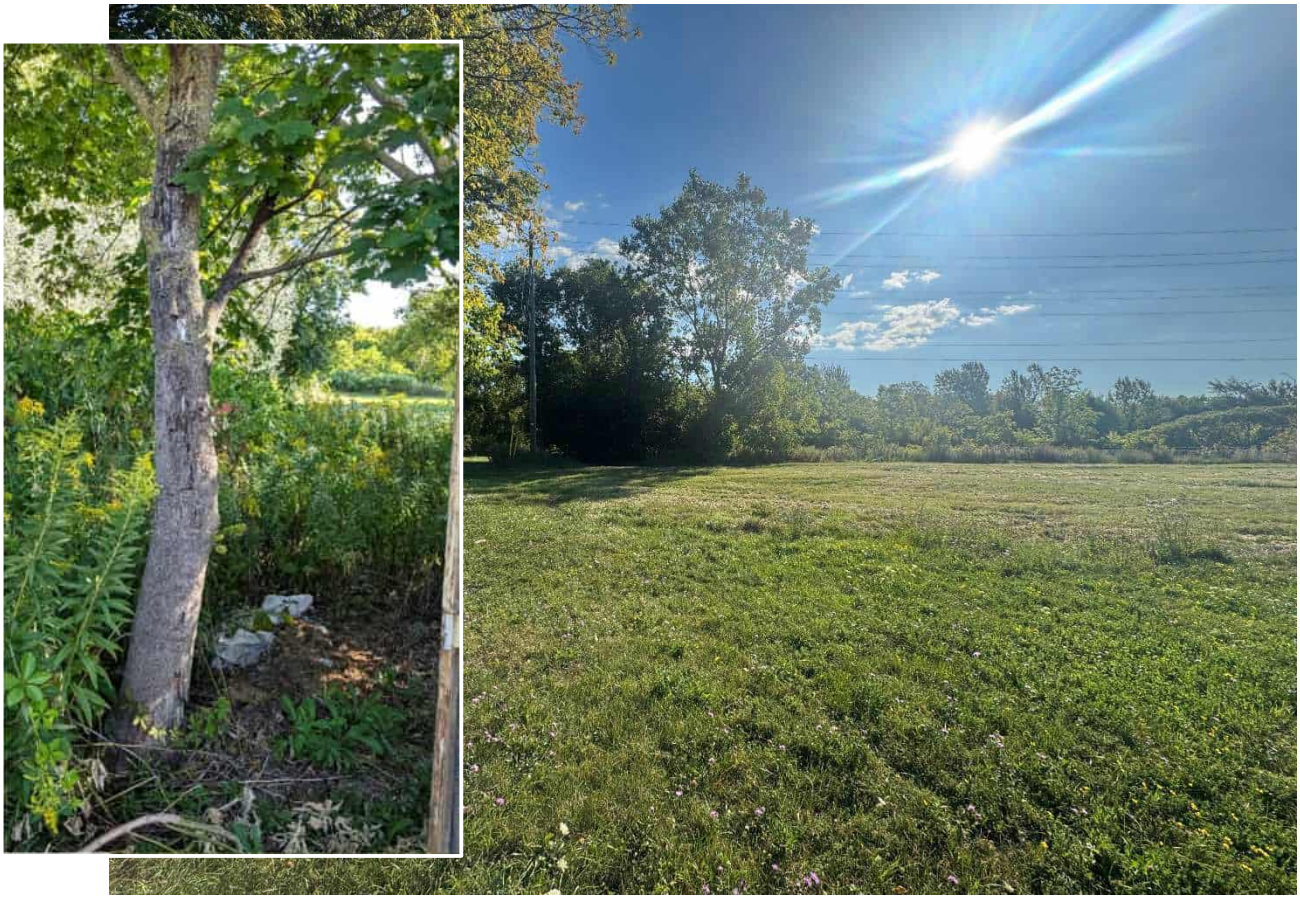
Photograph 25: The residential neighbours to the south.

PHOTOGRAPHIC LOG

SURROUNDING LAND USES

Photograph 26: Residential neighbours to the north.

PHOTOGRAPHIC LOG

SURROUNDING LAND USES

Photograph 27-28: Merritt Trail and Trillium Railway line to the east with the old Welland canal beyond the tree line.

APPENDIX G

POTENTIALLY CONTAMINATING ACTIVITIES

POTENTIALLY CONTAMINATING ACTIVITIES

#	Activity	#	Activity
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	31.	Ink Manufacturing, Processing and Bulk Storage
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	32.	Iron and Steel Manufacturing and Processing
3.	Airstrips and Hangars Operation	33.	Metal Treatment, Coating, Plating and Finishing
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	34.	Metal Fabrication
5.	Asphalt and Bitumen Manufacturing	35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage
6.	Battery Manufacturing, Recycling and Bulk Storage	36.	Oil Production
7.	Boat Manufacturing	37.	Operation of Dry Cleaning Equipment (where chemicals are used)
8.	Chemical Manufacturing, Processing and Bulk Storage	38.	Ordnance Use
9.	Coal Gasification	39.	Paints Manufacturing, Processing and Bulk Storage
10.	Commercial Autobody Shops	40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
11.	Commercial Trucking and Container Terminals	41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
12.	Concrete, Cement and Lime Manufacturing	42.	Pharmaceutical Manufacturing and Processing
13.	Cosmetics Manufacturing, Processing and Bulk Storage	43.	Plastics (including Fibreglass) Manufacturing and Processing
14.	Crude Oil Refining, Processing and Bulk Storage	44.	Port Activities, including Operation and Maintenance of Wharves and Docks
15.	Discharge of Brine related to oil and gas production	45.	Pulp, Paper and Paperboard Manufacturing and Processing
16.	Drum and Barrel and Tank Reconditioning and Recycling	46.	Rail Yards, Tracks and Spurs
17.	Dye Manufacturing, Processing and Bulk Storage	47.	Rubber Manufacturing and Processing
18.	Electricity Generation, Transformation and Power Stations	48.	Salt Manufacturing, Processing and Bulk Storage
19.	Electronic and Computer Equipment Manufacturing	49.	Salvage Yard, including automobile wrecking
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	50.	Soap and Detergent Manufacturing, Processing and Bulk Storage
21.	Explosives and Firing Range	51.	Solvent Manufacturing, Processing and Bulk Storage
22.	Fertilizer Manufacturing, Processing and Bulk Storage	52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	53.	Tannery
24.	Fire Training	54.	Textile Manufacturing and Processing
25.	Flocculants Manufacturing, Processing and Bulk Storage	55.	Transformer Manufacturing, Processing and Use
26.	Foam and Expanded Foam Manufacturing and Processing	56.	Treatment of Sewage equal to or greater than 10,000 litres per day
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	57.	Vehicles and Associated Parts Manufacturing
28.	Gasoline and Associated Products Storage in Fixed Tanks	58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
29.	Glass Manufacturing	59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products
30.	Importation of Fill Material of Unknown Quality		

Table 2, Schedule D, Ontario Regulation (O.Reg.) 153/04 (as amended)

APPENDIX H

CONCEPTUAL SITE MODEL

PHASE ONE CONCEPTUAL SITE MODEL

A Phase One Conceptual Site Model (CSM) was prepared in accordance with Schedule D, Part V of O. Reg. 153/04 (as amended). The Phase One Conceptual Site Model is detailed below and should be read along with Figures 1-4. The Phase One CSM addresses the property located at 547 King Street, Port Colborne, herein referred to as the "Phase One Property" or the "Site". Refer to Figure 1 for the Site Location Map.

Site Description

The Phase One ESA covers approximately 0.8 hectares supporting a single two-storey residential dwelling. A shared laneway, for rear access, is along the southern border of the Site. The building is typical of a prosperous residential brick façade dwelling of the early 1900's era. From the mid-2000s, there is evidence, Google Maps – Street View (2007/09/12), that commercial activity occurred on the Site, under the name of: "English Roots, Hair Design". During the site visit, it was evident that the house had recently been used as multi-residential and was vacant at the time. The 1921 air photo reflects the building prior to the addition, which is estimated to have occurred sometime during the 1950s. The property is situated on the east side of King Street with vacant land adjacent to both the south and east. The Welland Canal is approximately 71 m to the east. According to Niagara Navigator, the Phase One Property is classified as "Retail use converted from house" with a tax roll number of 271103002905500 and supporting an estimated building footprint of approximately 219 m^2. The closest major intersection is King Street and Killaly Street West to the south by approximately 106 m. Surrounding land use includes residential, community and commercial. See Figure 2 – Site Layout and Features.

Water Bodies & Areas of Natural Significance

The Niagara Peninsula Conservation Authority (NPCA) watershed map indicates that the Phase One study area falls within the Lake Erie North Shore watershed (2,238,631 m^2). Regional groundwater flow is expected to be easterly towards the Welland Canal, which is approximately 230 m east of the Site. The Site is located approximately 1.56 km north of Lake Erie.

The Phase One Property is not located within 30 m of a body of water. Ponded surface water was not encountered during the Site visit. NSSL did not identify any significant features, including provincially significant wetlands, natural heritage features, or Areas of Natural Significance on-site or within the study area. The Site is not considered a sensitive Site based on the definition of O. Reg. 153/04, section 41 (1). This section applies in relation to a property if,

(a) The property is,
  (i) Within an area of natural significance,
  (ii) Includes or is adjacent to an area of natural significance or part of such an area, or applies,
  (iii) Includes land within 30 m of an area of natural significance or part of such an area."

Drinking Water Wells

The MECP provides the public with access to their well record inventory. Well records for the study site and study area (if available) were accessed and reviewed for information pertaining to the area's hydrogeological and geological characteristics. Four [4] well records were found with depths ranging from 4.5 mbgs to 20.1 mbgs, within the study area; none were identified for the site. All four records contained descriptive information pertaining to soil stratigraphy and groundwater levels.

Underground Utilities

The study site houses a single two storey residence which has recently been vacated. The site is previously serviced by hydro, natural gas, municipal water, and municipal sanitary sewer. The status and location of the buried utilities are unknown. No potable water supply wells or other water sources were observed during the Site inspection.

Regional and Site Specific Geologic and Hydrogeological Information

A review of the Ministry of Northern Development and Mines, Geology Ontario Spatial Search tool as well as "Quaternary Geology of Southern Ontario", Map 2496 and Map 2544, showing the "Bedrock Geology of Southern Ontario", indicated that the native overburden is Glaciolacustrine deposits: silt and clay, minor sand; basin and quiet water deposits underlain by Limestone, dolostone, shale, sandstone, gypsum, salt, which belongs to the Middle Devonian. Depth to unconfined groundwater ranges between 2.4 to 3.0 meters below ground surface (mbgs), and the confined aquifer is approximately 3.6 mbgs, based on a review of local well records. The estimated depth to bedrock based on the surface and bedrock elevation is approximately 3.0 mbgs.

The Phase One Property land cover is characterized as a mix of a gravel based shared driveway along the south boundary, which veers north just beyond the house footprint and ends at the north property line and the remaining area of the Site is manicured vegetation. As the majority of the site's surface is permeable, limited overland flow would be directed eastwards. Any accumulation of surface water would be directed east to the Welland Canal or west to the catch basins located on King Street. The Site was noted to be relatively flat. The inferred groundwater flow direction in the study area is east, based on a review of the elevations and hydrogeology of the area.

Roads Within the Phase One Study Area

Refer to Figure 3 for the names of the roads within the Phase One Study Area.

Uses of Properties Adjacent to the Site

The north, and west adjacent properties are residential. The south adjacent property is connected to the east adjacent property and serves as an easement and shared laneway with the residential land eight metres to the south. The east adjacent property is community with the location of the Merritt Trail next

to the Trillium rail line and the Old Welland (Recreational) Canal. All adjacent properties are highlighted on Figure 3.

Potentially Contaminating Activities

Based on information obtained and reviewed during this Phase One ESA, Potentially Contaminating Activities associated with the Site and surrounding properties were identified revealing the presence of Areas of Potential Environmental Concern (APECs) on the Phase One property. A copy of the list of PCAs prescribed in O. Reg. 153/04 is provided in Appendix G.

Off-site

Vacant Land to the East of the Site (~ 20 m east)

PCA-1/APEC-1: # 30. Importation of Fill of Unknown Quality.

As there have been several changes to the canal's watercourse since its original construction, this material, if excavated from the canal's redevelopment, may have encroached upon the subject site. Therefore, generating a PCA and an APEC.

PCA-2/APEC-2: # Other. Coal Storage.

The 1934 fire insurance plan indicates coal storage at this location. The placement of the coal material may have infringed upon the Site potentially impacting the Site's soil. This results in an APEC.

PCA-3: #46. Railyards, Tracks and Spurs.

Aerial photographs dating back to 1954 and the recent Site visit confirm the presence of a railway running from north to south along the Welland Canal to the east. Based on this activity being at the directly adjacent property to the Site, a PCA is considered here. However, due to its distance (approximately 50 m) and the inferred groundwater flow direction to the east, it would not be considered an on-site APEC.

417 King Street

PCA-4: #27. Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.

PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks

PCA-6: #59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products.

PCA-7: #46 Railyards, Tracks and Spurs

The 1953 Fire Insurance Plan and historical aerial photographs show that this property, east side of King Street and south of Killaly Street West, was used as a lumber yard, which was serviced by the Canadian National Railway (CNR) along its southern border and an additional siding, running north/south, along its eastern border. The ERIS database search identified two records for retail fuel tanks. The Vernon's directory records show the historical activity of a lumber yard (Beaver Lumber), PC Disposal Plant (1946)

and Pumping Station (1985) and a marine-based operation (Port Colborne Marine) at this location. However, the West Side Sewage Treatment Plant is shown in the 1965 air photo to be farther south and now identified to be in the area of 401 King Street, outside of the 250m study area. Based on the findings, these are PCAs that would not result in an APEC due to the distance from the Site.

572 King Street

PCA-8: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-9: #28. Gasoline and Associated Products Storage in Fixed Tanks.

The 1953 FIP indicated that there were two USTs on Minto Street at the corner of King Street, approximately 42 m to the northwest. These are PCAs, but due to the groundwater flow direction, they would not impact the soil and groundwater at the Site.

2 Killay Street West

PCA-10: #Other. Waste Generation

PCA-11: #39. Paints Manufacturing, Processing and Bulk Storage.

As described in the Ecolog ERIS report, under the company names of Port Colborne Warehousing Ltd. and GE Water and Process Technologies, this location generated wastes from the following waste classes: 252 - WASTE OILS & LUBRICANTS; 251-OIL SKIMMINGS & SLUDGES; 268- AMINES; 148 - INORGANIC LABORATORY CHEMICALS; 113 - ACID WASTE - OTHER METALS; 122 - ALKALINE WASTES - OTHER METALS; 148 - INORGANIC LABORATORY CHEMICALS; 263 - ORGANIC LABORATORY CHEMICALS; 263-ORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 135-REACTIVE ANION WASTES and 221-LIGHT FUELS. Any Contaminants of potential concern (COPCs) associated with these PCAs would not impact the Site due to distance.

40-44 Killay Street West

PCA-12: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-13: #28. Gasoline and Associated Products Storage in Fixed Tanks.

Historical records (1953 FIP) indicate that there were three USTs located in the Used Car parking lot between the two garages at this location. A Vernon's record noted Ruston's Auto Parts in 2007/08. These are PCAs, but due to the distance from the Site, would not trigger any APECs.

511 King Street

PCA-14: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-15: #28. Gasoline and Associated Products Storage in Fixed Tanks.

PCA-16: #50. Soap and Detergent Manufacturing, Processing and Bulk Storage.

The 1953 FIP, Sheet 29, reveals that a Garage & Repair Shop, with two storage tanks on the west side of the repair facility, was located at 511 King Street (north of Killaly Street West). The Vernon's directory search revealed the presence of a car wash in this location, which is also a PCA. Based on the distance from the Site and inferred groundwater flow, which is easterly, these PCAs would not result in an on-site APEC.

517 King Street

PCA-17: #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems.

PCA-18: #28. Gasoline and Associated Products Storage in Fixed Tanks.

A Garage and Repair Shop, with three associated storage tanks on the west side of the building, was located on 517 King Street, as noted in Port Colborne 1953 Firemap 29. Any COPCs associated with these PCAs would not impact the groundwater at the Site due to the distance and inferred groundwater flow direction.

Government Canals and Locks (On Island -East of Site)

PCA-19: #44. Port Activities, including Operation and Maintenance of Wharves and Docks.

Aerial photographs dating from 1934 to 2023 show that the Welland Canal is still used for shipping, with docking and storage facilities, as well as cargo loading along the western side. Based on the location of the docks on the island and distance from the Site (187 m east), this PCA would not impact the soil or groundwater on-site.

388 King Street

PCA-20: #37. Operation of Dry-Cleaning Equipment (where chemicals are used)

According to the Ecolog ERIS, a dry cleaner is located at 388 King Street, situated south of the Site. Based on distance from the Site, any associated COPCs would not impact the groundwater at the Site due to the inferred groundwater direction being to the east.

The 20 PCAs identified above resulted in the creation of two on-site APECs for the Site's soil. Figure 4 highlights the APECs.

Table 6: Identified PCAs that could create APECs On-Site

Area of potential environmental concern	Location of the area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminants of potential concern	Media potentially impacted (Groundwater, soil, and/or sediment)
APEC-1	East Side	#30 Importation of Fill Material of Unknown Quality	Off-Site	Metals, PAHs, VOCs, BTEX, PHCs, Mercury, Cyanide (CN-), Chromium VI (Cr VI), Boron (Hot-Water Soluble), pH/SAR/EC	Soil
APEC-2	East Side	#Other. Coal Storage	Off-Site	Metals, Hydride Forming Metals, PAHs, pH	Soil

PAHs = Polycyclic Aromatic Hydrocarbons, VOCs = Volatile Organic Compounds, BTEX = Benzene, Toluene, Ethylbenzene, Xylene, PHCs = Petroleum Hydrocarbons, SAR = Sodium Absorption Ratio, EC = Electrical Conductivity.

Uncertainty or Absence of Information

NSSL has not received any records from the Freedom of Information Request of August 27, 2025, noted under file number 20250827095052707, regarding 547 King Street, Port Colborne, ON. There is no other uncertainty or absence of information obtained in each of the components of the Phase One ESA that could affect the results of the Phase One ESA.