PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT

of

7302 Kalar Road, Niagara Falls, ON

For:

2131595 Ontario Inc. c/o Dan Perri

August 11th, 2023
Project: E-23-35-1

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7302 Kalar Road, Niagara Falls, ON

Prepared by: EON Environmental Consulting Ltd.
on behalf of:

2131595 Ontario Inc. c/o Dan Perri

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Project #: E-23-35-1

Dist'n: 2131595 Ontario Inc. (pdf)
EON Environmental Consulting Ltd. (file)

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EXECUTIVE SUMMARY

EON Environmental Consulting Ltd. (formerly known as Hallex Environmental Ltd.) was retained by 2131595 Ontario Inc. c/o Dan Perri to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 7302 Kalar Road, Niagara Falls, ON. The objectives of the Phase One ESA were an investigation of the subject property and adjacent lands conducted in accordance with CSA Z768-01, O. Reg. 511/09 and O. Reg. 153/04 as amended, and under the supervision of a Qualified Person in order to determine the likelihood that one or more contaminants may have affected any land and/or water on, in or under the property.

Potentially Contaminating Activities (PCAs), and contaminants or materials of potential concern, if revealed on-site, or at properties located within a 250 m radius of the site, were evaluated as to whether they generated 'Areas of Potential Environmental Concern' (APECs) on-site. PCAs are itemized in Schedule D Table 2 of O. Reg 511/09. APECs, if identified, were individually evaluated whether they were triggers for additional investigation via a Phase Two ESA. Additionally, building materials were documented and evaluated regarding the potential need for a Designated Substance and Hazardous Materials Survey.

PHASE ONE ESA SCOPE OF INVESTIGATION

The Phase One ESA scope of investigation included review of historical background information via examination of:

- Chain of Title;
- Environmental Risk Information System (EcoLog ERIS);
- Mapping resources including: Niagara Navigator Thematic, MNR Heritage Area, Topographic, Quaternary, and Bedrock Geology;
- Aerial photographs; and
- Water well records from Ontario Oil, Gas & Salt Resources Library & Ministry of the Environment, Conservation and Parks.

A site reconnaissance was completed to observe site grounds, on-site structures (if applicable), and adjacent properties in order to identify PCAs and APECs. This information was utilized to formulate a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors at the site.

SITE DESCRIPTION

The study site is located approximately 2.2km north of the Welland River in the City of Niagara Falls. The current on-site structure (warehouse/service facility) was built in 1989. The commercial building occupies approximately 1,425m^2 of the 13,288.8m^2 property. Two (2) separate garages are presently located on-site within the one (1) building, including Harper Detroit/Coach Canada and Arlington/Phoenix Crane, and a trucking company on the northern portion of the site, known as Pilot Trucking Training. The site is fully serviced with municipal sewer and water. The surrounding sites are a mix of residential, industrial, and commercial land use.

The site was historically developed for residential purposes in 1965, with a warehouse building added on-site in 1989. The residential dwelling was demolished in 2007, and the warehouse building remained as the sole property use until present. Past industrial land uses have included clothing/furniture manufacturing, and various service garages for trucks and buses. Three (3) Aboveground Storage Tank's were historically documented on-site, and two (2) presently on-site.

PHASE ONE ESA FINDINGS

The Phase One ESA findings revealed the following:

- Potential designated substances and hazardous materials ie: lead-based paints, and asbestos containing materials were observed within the residential building structure; and
- Eleven (11) on-site and one (1) off-site Potential Contaminating Activities that resulted in twelve (12) Area of Potential Environmental Concern with the potential to have impacted the study site's soil and/or groundwater.
    - ***PCA-1/APEC-1: #33 – Metal Treatment, Coating, Plating and Finishing.*** ERIS Reports indicated that Trillium Lifestyles Industries was located on-site from 1992 to 1995. Operations included metal household furniture manufacturing. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of Concern are Metals (by ICP), Petroleum Hydrocarbons (PHCs), Polycyclic Aromatic Hydrocarbons (PAHs) and Volatile Organic Compounds (VOCs).
    - ***PCA-2/APEC-2: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Wajax Power Systems was noted in ERIS Reports, located at the site from 2010 to 2019 for automotive repair

and maintenance. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAH, Benzene, Toluene, Ethylbenzene, Xylene (BTEX), VOCs, and Metals (by ICP).

- ***PCA-3/APEC-3: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** Two (2) Aboveground Storage Tank (AST) were noted while WAJAX owned the property. One (1) 1,100 L double walled steel AST for used oil and oil/water separator was noted in Bay 8, and one (1) 1,100 L AST used oil was noted along the west side of the site building. The ASTs were removed in 2011 prior to the previous Phase Two ESA; however, only PHCs and VOCs were sampled in the soil and groundwater in the lower soil profile outside the building and the lab results were compared to a less stringent site condition not used for RSC purposes. Samples would need to be analyzed for metals, as well as PHCs and VOCs in the upper water levels. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, Metals (by ICP) and VOCs.
- ***PCA-4/APEC-4: #39 – Paints Manufacturing, Processing and Bulk Storage.*** As noted in the ERIS Ecolog Trillium Lifestyles Industries generated Paint residues from 1995-2004. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PAHs, and VOCs.
- ***PCA-5/APEC-5: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,200 L AST for engine oil was identified in service bay #6 while WAJAX owned the property, and has since been removed; however, no soil or groundwater was investigated in this area. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, Metals (by ICP), and BTEX.
- ***PCA-6/APEC-6: Other – Parts wash station.*** The Phase One ESA completed by GHD, 2019, a parts wash station was noted in the center northern portion of the building, used by Wajax for an undisclosed number of years. Parts washing operations represent a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are VOCs.

- ***PCA-7/APEC-7: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** *Coach Canada* currently rents a portion of the property for parking and to conduct general maintenance and repair to the buses on-site. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, VOCs, and Metals.
- ***PCA-8/APEC-8: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Arlington/Phoenix Crane currently conducts business operations in Bay A on-site. Operations include the maintenance and repair of Crains. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, VOCs, and Metals (by ICP).
- ***PCA-9/APEC-9: #4 – Antifreeze and De-icing Manufacturing and Bulk Storage.*** A 900 L tote of antifreeze was identified in BAY B & C, noted within the 5th and 9th bay door from the western end of the building. This represents a PCA to the study sites soil and groundwater. Potential Contaminants of concerns are VOCs.
- ***PCA-10/APEC-10: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A double walled steel 50,000L AST for used Diesel fuel was noted near the southern entrance of the property. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).
- ***PCA-11/APEC-11: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,100 L steel AST for used oil was noted in the southeast corner of the building. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).
- ***PCA-12/APEC-12: #55 –Transformer Manufacturing, Processing and Use.*** The Niagara Falls Hydro Electric Commission (currently known as Niagara Peninsula Energy) was noted at 7447 Pin Oak Drive. ERIS Reports indicate that the site is listed within the Ontario PCB Registry, and it is also listed as a generation facility for various oil and chemical wastes. The power station represents an off-site PCA creating an on-site APEC to the study sites soil and groundwater. Potential Contaminants of concern are PCBs.

- Two (2) additional PCAs were noted within 250 m of the Study Site, however it is unlikely that any contaminants migrating off-site would present an on-site APEC at the study site due to the distance to the site and interpreted southern groundwater flow direction away from the site.

RECOMMENDATIONS

Based on the above noted findings EON therefore recommends:

1) **A designated substance and hazardous material survey to identify and quantify potential asbestos containing material, and lead-based paint within the building structure located on-site prior to any renovation/demolition; and**
2) **A Phase Two Environmental Site Assessment to determine the presence/absence of potential contaminants of concern in the soil and groundwater resulting from the various on-site aboveground storage tanks, garages and associated products, historic metal treatment and painting, and off-site transformer storage facility.**

LIST OF ACRONYMS

ACM	Asbestos Containing Materials
APEC	Area of Potential Environmental Concern
AST	Aboveground Storage Tank
BH	Borehole
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CSM	Conceptual Site Model
DSS	Designated Substance Survey
EC	Electrical Conductivity
EPA	Environmental Protection Act
ESA	Environmental Site Assessment
ERIS	Environmental Risk Information Services
FIP	Fire Insurance Plans
GPR	Ground Penetrating Radar
masl	Metres above sea level
mbgs	Metres below ground surface
MECP	Ministry of the Environment, Conservation and Parks
MOECC	Ministry of the Environment and Climate Change
MNR	Ministry of Natural Resources
MW	Monitoring Well
NPCA	Niagara Peninsula Conservation Authority
NPRI	National Pollutant Release Inventory
OC/OCP	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PCA	Potentially Contaminating Activity
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene (tetrachloroethylene)
pH	Power of Hydrogen
PHC	Petroleum Hydrocarbons
QA/QC	Quality Assurance/Quality Control
QP	Qualified Person
RA	Risk Assessment
RSC	Record of Site Condition
SAR	Specific Absorption Rate
SCS	Site Condition Standard
SVOC	Semi-Volatile Organic Compounds
TP	Test Pit
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

Potentially Contaminating Activities (PCAs)
Schedule D Table 2 of O. Reg 511/09

PCA#	Description
1	Acid and Alkali Manufacturing, Processing and Bulk Storage
2	Adhesives and Resins Manufacturing, Processing and Bulk Storage
3	Airstrips and Hangars Operation
4	Antifreeze and De-icing Manufacturing and Bulk Storage
5	Asphalt and Bitumen Manufacturing
6	Battery Manufacturing, Recycling and Bulk Storage
7	Boat Manufacturing
8	Chemical Manufacturing, Processing and Bulk Storage
9	Coal Gasification
10	Commercial Autobody Shops
11	Commercial Trucking and Container Terminals
12	Concrete, Cement and Lime Manufacturing
13	Cosmetics Manufacturing, Processing and Bulk Storage
14	Crude Oil Refining, Processing and Bulk Storage
15	Discharge of Brine related to oil and gas production
16	Drum and Barrel and Tank Reconditioning and Recycling
17	Dye Manufacturing, Processing and Bulk Storage
18	Electricity Generation, Transformation and Power Stations
19	Electronic and Computer Equipment Manufacturing
20	Explosives and Ammunition Manufacturing, Production and Bulk Storage
21	Explosives and Firing Range
22	Fertilizer Manufacturing, Processing and Bulk Storage
23	Fire Retardant Manufacturing, Processing and Bulk Storage
24	Fire Training
25	Flocculants Manufacturing, Processing and Bulk Storage
26	Foam and Expanded Foam Manufacturing and Processing
27	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
28	Gasoline and Associated Products Storage in Fixed Tanks
29	Glass Manufacturing
30	Importation of Fill Material of Unknown Quality

PCA#	Description
31	Ink Manufacturing, Processing and Bulk Storage
32	Iron and Steel Manufacturing and Processing
33	Metal Treatment, Coating, Plating and Finishing
34	Metal Fabrication
35	Mining, Smelting and Refining; Ore Processing; Tailings Storage
36	Oil Production
37	Operation of Dry-Cleaning Equipment (where chemicals are used)
38	Ordnance Use
39	Paints Manufacturing, Processing and Bulk Storage
40	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
41	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
42	Pharmaceutical Manufacturing and Processing
43	Plastics (including Fibreglass) Manufacturing and Processing
44	Port Activities, including Operation and Maintenance of Wharves and Docks
45	Pulp, Paper and Paperboard Manufacturing and Processing
46	Rail Yards, Tracks and Spurs
47	Rubber Manufacturing and Processing
48	Salt Manufacturing, Processing and Bulk Storage
49	Salvage Yard, including automobile wrecking
50	Soap and Detergent Manufacturing, Processing and Bulk Storage
51	Solvent Manufacturing, Processing and Bulk Storage
52	Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems
53	Tannery
54	Textile Manufacturing and Processing
55	Transformer Manufacturing, Processing and Use
56	Treatment of Sewage equal to or greater than 10,000 litres per day
57	Vehicles and Associated Parts Manufacturing
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
59	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

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APPENDICES

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Appendix B: Chain of Title
Appendix C: Vernon's City Directory
Appendix D: Ministry of Natural Resources Natural Heritage Map
Appendix E: EcoLog ERIS
Appendix F: Ontario Oil, Gas & Salt Resources Library as well as the Ministry of the Environment, Conservation and Parks Water Well Records
Appendix G: Record of Interview
Appendix H: Site Photograph Log

1.0 INTRODUCTION

EON Environmental Consulting Ltd. (Formerly known as Hallex Environmental Ltd.) was retained by 2131595 Ontario Inc. c/o Dan Perri to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 7302 Kalar Road, Niagara Falls, ON (study site). The environmental work was requested for site redevelopment from industrial to residential. As future plans may include site re-development the Phase One ESA was completed in accordance with O. Reg. 153/04 as amended, for future use in submission of a Record of Site Condition with the Ministry of the Environment, Conservation and Parks (MECP), if required. The site location is shown on Figure 1 and the site layout and adjacent land uses are depicted on Figure 2.

1.1 Phase One Property Information

Municipal address:	7302 Kalar Road, Niagara Falls, ON
Property Identifier Number (PIN)	64263-0062 (LT)
Client(s):	2131595 Ontario Inc. c/o Dan Perri
UTM co-ordinates:	Zone: 17T, Northing: 4,770,180m, Easting: 651,875m
Elevation:	179.83 masl
Approx. site area:	13,288.8 m^2

1.2 Limitations and Exceptions of Report

EON Environmental Consulting Ltd. prepared this report for the account of: 2131595 Ontario Inc. c/o Dan Perri. The material in it reflects EON Environmental Consulting Ltd. 's best judgement based on the information discovered at the time of preparation, within the Phase One ESA scope of work. The investigative procedures and format of this report generally follow the guidelines established in: Part XV.1 of the Environmental Protection Act, per O. Reg. 153/04, as amended. Any information presented concerning materials at the site is based on information gathered during historical document search and site reconnaissance only. There may be materials and/or subsurface soil and/or groundwater conditions on-site, which are not represented by these non-invasive investigations. 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. EON Environmental Consulting 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.

Declaration: EON Environmental Consulting Ltd. , and its' Officers and Directors, declare no conflicting business or interests with the client or the subject property.

2.0 SCOPE OF INVESTIGATION

The objectives of the Phase One ESA were an investigation of the subject property and adjacent lands conducted in accordance with CSA Z768-01, O. Reg. 511/09 and O. Reg. 153/04 as amended, and under the supervision of a Qualified Person in order to determine the likelihood that one or more contaminants may have affected any land and/or water on, in or under the property. Potentially Contaminating Activities (PCAs), and contaminants or materials of potential concern, if revealed on-site, or at properties located within a 250 m radius of the site, were evaluated as to whether they generated 'Areas of Potential Environmental Concern' (APECs). PCAs are itemized in Schedule D Table 2 of O. Reg 511/09. APECs if identified were individually evaluated whether they were triggers for additional investigation via a Phase Two ESA. Additionally, building materials were documented and evaluated regarding the potential need for a Designated Substance and Hazardous Materials Survey.

2.1 Procedures

The Phase One ESA scope of investigation includes review of historical background information via examination of:

- Chain of Title;
- Vernon's City Directory Search;
- Environmental Risk Information System (EcoLog ERIS);
- Mapping resources including: Niagara Navigator Thematic, MNR Heritage Area, Topographic, Quaternary, Bedrock and Geology;
- Aerial photographs; and
- Water well records from Ontario Oil, Gas & Salt Resources Library & Ministry of the Environment, Conservation and Parks.

A site reconnaissance was completed to observe site grounds, on-site structures (if applicable), and adjacent properties in order to identify PCAs and APECs. This information is utilized to formulate a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors at the site.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

Interpretation of the results of the Vernon's City Directory Search (Vernon's), review of EcoLog ERIS data-based information, air photograph interpretation, and other historic environmental documents, in addition to the site investigation, revealed that it was not necessary to expand the data search beyond a 250 m radius of the property, the minimum area of study.

3.1.2 First Developed Use Determination

The first developed land use, as determined through historical documents research and aerial photographs dating to 1954/1955, was Residential land use.

3.1.3 Fire Insurance Plans

No FIPs were available for any part of the study area.

3.1.4 Chain of Title

A chain of title was obtained from *Terranet Express* for the study site known as Property Identifier Number (PIN) 64263-0062 (LT). The chain of title covers the period from 2008 to present. Landownership was confirmed as belonging to 2131595 Ontario Inc. dating from 2008 to current. The title shows that the parcel was transferred from one (1) previous owner: 1019536 Ontario Inc. A copy of the Chain of Title is included in Appendix B.

3.1.4.1 City Directory Search

The Vernon's City Directories were reviewed for the study site and study area. The search was conducted via EON archives in 10-year increments, with records available from 1975 – 1985 for the City of Niagara Falls. The study site was listed as residential with one name identified for both years. The following PCA was noted within the study area:

- 1975-1985 noted Primerano's Auto Parts & Auto Sales at 7549 Kalar Road, approximately 135m south-southwest from the study site.

This land use is considered a PCA, however, was not considered further due to the distance to study site and inferred southern groundwater flow direction. A summary table of the Vernon's research is provided in Appendix C.

3.1.5 Environmental Reports

Four (4) previous environmental reports were provided and reviewed by EON pertaining to the study site, including:

- Phase One ESA – Golder Associates, December 2010
- Phase Two ESA – EXP Services Inc., May 2011
- Phase One ESA (Incomplete version) – GHD, October 2019
- Soil Sampling Summary Letter – Hallex Environmental Ltd., September 2020

Findings and conclusions from each report are summarized below.

Phase One ESA – Golder Associates, December 2010

- One (1) building was located on-site at the time of this investigation and was leased by Harper Power Products Inc. for approximately three (3) years at the time of the report. The site was utilized for servicing and cleaning buses and trucks, including oil and coolant changes and air conditioning repairs.
- An outdoor AST was installed on-site at the time Harpers occupancy commenced. The tank contained Deisel fuel and was used for fueling buses that were serviced on-site.
- The site building was noted to have natural gas fired heating units mounted to the ceiling.
- ACM and PCB materials were suspected on-site due to the age of the building (late 1980s to early 1990s).
- One (1) oil/water separator was noted within the wash bay area. No documented inspections or cleanings were identified.
- One (1) trench with oily water was noted along the north side of the site building. Another trench was identified in the central area of the wash bay.
- Waste material including metal sheets, miscellaneous metal materials, empty plastic and metal drums, skids, tires, bricks, concrete pads and wood material was noted during the site visit, on the southeast area of the site. Golder considered this as a PCA for the site.
- Spotting and staining were found throughout the site building. Most notably staining on the concrete floor within the western portion of the garage area

around the same location as the waste oil filter totes and waste oil and antifreeze ASTs.

- ERIS report indicated that Trillium Lifestyle Industries, a previous site occupant, had a Certificate of Approval (CofA) for a paint residues between 1995-2004. Unknown historical chemical management practices were considered to represent a PCA to the site.
- A landfill was noted north of McLeod Road, extending from Kalar Road to Montrose Road. In addition, various waste generators were noted north of the study site, including Safety Kleen, Bresbule Inc. and Canam Oil Service. The historical and/or current presence of landfills in close proximity to the site was considered a PCA.
- 7447 Pin Oak Drive (150 m southeast of the study site) was listed as a waste generator (including PCBs) in the ERIS report, and included two (2) 9,100 L fuel USTs (active as of January 2010), a PCB storage site, and various spills as a PCB waste receiver.
- 7549 Kalar road (150 m southwest of the study site) was listed in the ERIS report as an automobile wrecking site and by the City of Niagara Falls as a salvage yard with a service station. The site was vacant at the time of the Golder site visit, however, still considered a PCA due to the unknown historical/current fuel/chemical management practices.

Phase Two ESA – EXP Services Inc., May 2011

- EXP advanced five (5) boreholes, four (4) of which were converted into monitoring wells. Monitoring wells (MW-1, MW-2, and MW-4) were screened to depths of 6.1-9.1 mbgs and monitoring well (MW-3) was screened to a depth of 5.8-8.8 mbgs.
- Soil and groundwater samples were analyzed for Petroleum Hydrocarbons (PHCs), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX), Volatile Organic Compounds (VOCs), pH, and Grain Size Analysis.
- BH-1/MW-1 – soil samples were submitted for PHCs and VOCs at 1.5-3.1 mbgs and groundwater samples were submitted for PHCs and VOCs (water level was recorded at: 5.59 mbgs).
- BH-2/MW-2 – soil samples were submitted for PHC/BTEX at 1.5-3.1 mbgs, and groundwater samples were submitted for PHC/BTEX (water level was recorded at: 4.95 mbgs).

- BH-3/MW-3 – soil samples were submitted for metals at 0-1.2 mbgs, PHC/BTEX at 4.9-6.1 mbgs, and VOCs at 7.3-9.2 mbgs, and groundwater samples were submitted for PHCs, VOCs, and Metals (water level was recorded at: 6.41 mbgs).
- BH-4/MW-4 – soil samples were submitted for PHC/BTEX at 4.6-6.1 mbgs, and VOCs at 7.6-9.1 mbgs. Groundwater samples were submitted for PHCs and VOCs (water level was recorded at: 1.73 mbgs).
- All soil and water results were compared to O. Reg. 153/04, Table 3 commercial standards. EXP concluded that no significant environmental impacts to soil or groundwater were identified in soil and groundwater sampling, or observations during the site investigation. No remedial efforts or delineation was recommended and continued commercial use was justified.

Phase One ESA – GHD, October 2019

- A Phase One ESA was commenced by GHD in October 2019, however incomplete. Documents from the Phase 1 ESA include a photo log, MECP HWIN documents, and regulatory agency records. Notable findings from these documents are summarized below.
- 205 L storage drums were located in the eastern portion of the building at the time of the GHD site visit. These drums were reportedly used to store liquids such as diesel fuel and oil.
- Chemicals such as oil and grease were observed between service bay #6 and service bay #7.
- A 900L concrete UST and oil/water separator were noted to remain on the property, within the eastern portion of the study site.
- A parts wash was found in the north-central portion of the building.
- An oil water separator was identified in service bay #8.
- A 700L plastic antifreeze AST was located between service bays #7 and #8.
- A 1,100 L double-walled steel used oil AST in service bay #8.
- A 900 L tote of windshield wash fluid located in service bay #4.
- 900 L tote of antifreeze and 1,000 L tote of diesel exhaust fluid located in service bay #3.
- 1,200 L new engine oil AST located in service bay #6.
- A compressor in service bay #8.
- A compressor in service bay #2.
- Service bay #3 served as a wash bay.

- A 1,100 L oil AST was removed from the west exterior side of the building.
- An HWIN generator number was provided for Wajax Niagara Falls at the study site. Waste classes included Aliphatic Solvents, Oil Skimmings & Sludges, and Waste Oils & Lubricants.

Soil Sample Summary Letter – Hallex Environmental Ltd., September 2020

- A fuel spill by Coach Canada occurred on March 10th, 2020, and Hallex Environmental Ltd. was contacted to conduct soil sampling for due diligence purposes. The spill occurred at the Diesel AST located near the south property entrance.
- Four (4) test pits were advanced surrounding the Diesel AST on July 29th, 2020. Soil samples were collected from ground surface to a maximum of 1.26 mbgs.
- Samples were selected and submitted to Paracel Laboratory for analyses of PAHs and PHCs (F1-F4).
- All samples met MECP Site Condition Standards (2011), Table 3: Commercial/Industrial land use in a non-potable groundwater condition.

3.2 Environmental Source Information

The following agency databases and documents were reviewed where available and discussed further where necessary, for information regarding the study site and the surrounding area to determine the presence of any activity or material of potential environmental concern.

Source	Description of Data Analysis
National Pollutant Release Inventory (NPRI)	No pertinent information was gleaned from NPRI database regarding the subject site or adjacent properties. Several sites were listed in Niagara Falls; however, they were not within the Study Area (250 m).
PCB Waste Storage Inventory	A review of the "Ontario Inventory of PCB Storage Sites" (MOE July 2000) indicated the Study Site was not a registered PCB storage site. The south adjacent site was listed in the PCB Inventory with 1.143 tonnes noted as a major site. Various sites were listed in Niagara Falls outside of the Study Area.
Environmental Registry of Ontario	A search was conducted on the Environmental Registry database relating to policy, regulation, act, instrument, bulletin, and appeal. Special attention was taken for Environmental Compliance Approvals (ECAs), Permits to Take Water, and Certificates of Property Use (CPU). An ECA was identified for the study site pertaining to modification to stormwater management works, to provide Normal Level quality control, discharging to the tributary of Warner Creek that is located on-site. One (1) ECA within the study area was for 8800 McLeod Road: for one (1) diesel generator.
Coal Gasification Plants	A review of the "Inventory of Coal Gasification Plant Waste Sites"

Source	Description of Data Analysis
	(MOE, April 1989) did not identify any former coal gasification plants for the Study Site or within the Study Area. Only one plant was listed within the Niagara Region, located in St. Catharines.
Waste Disposal Site Inventory	Review of the MOE Waste Disposal Site Inventory, June 1991 indicated there are various active and closed Waste Disposal Sites located in the City of Niagara Falls. One closed site was noted at 8269 & 8175 McLeod Road, the site has since closed, with residential dwellings now occupying parts of the historic landfill area. This activity represents a PCA to the study sites soil and groundwater.
Waste Management Records	Waste management records were not provided, but disclosed that Safety Kleen comes to clean the waste oil AST every two months.
Record of Site Condition (RSC)	EON searched the Brownfield Environmental Site Registry and identified one RSC for 7549 Kalar Road (historic auto wreckers). Records indicate that a Phase One and Two investigations were conducted by Hatch Acres Incorporated in 2006, followed by an additional investigation and soil remediation program by AMEC Americas Limited. The site required remedial efforts, with 3284 m3 of soil removed from the site.
Ministry of Natural Resources (MNR)	Warner Creek was identified flowing north to south along the eastern property line of the study site. The tributary connects to the Power Canal and Welland River further south, outside of the study area. A map showing the MNR Natural Heritage Areas is provided in Appendix D.
Historic Topographic Maps of Niagara (1910-2010)	The Topographic maps of Niagara illustrate that the study area was developed as of 1910, no specific land use details were noted for the study site. The 1970-2010 topographic maps indicated an auto wrecker that was located south of the study site, at 7549 Kalar Road. The represents a PCA within the study area.

3.2.1 EcoLog ERIS Database

The EcoLog ERIS report returned one-hundred and eight (108) environmental records, thirty-three (33) of the records were affiliated with the study site and seventy-five (75) from within 0.25 km of the study site. The records associated with the study site pertain to an ECA, waste generators summaries, water well records, Scott's Manufacturing Directory, and historical ERIS searches. Records of significance have been summarized below, with the full EcoLog ERIS report located in Appendix E.

Municipal Address	Company	EcoLog ERIS Record	Description	Distance (m) from Study Site	PCA and/or APEC to Study Site
7302 Kalar Road	Trillium Lifestyles Industries	SCT	1992-1995: Metal Household Furniture Manufacturing	At the study site	PCA resulting in an APEC
		GEN	Paint/Pigment/Coating Residues		

Municipal Address	Company	EcoLog ERIS Record	Description	Distance (m) from Study Site	PCA and/or APEC to Study Site
7302 Kalar Road	Fidelity Leather & Vinyl Prod.	SCT	1960: Clothing Manufacturing Noted as other leather & allied product manufacturing and all other plastic product manufacturing	At the study site	PCA resulting in an APEC
	Harper Regional Service Centre	GEN	2009: Described as “all other automotive repair and maintenance” Generated Petroleum Distillates and Waste oils & lubricants.		PCA resulting in an APEC
	Wajax Power Systems	GEN	2010-2019: automotive repair and maintenance that generated: Petroleum Distillates, Waste oils & lubricants, Oil skimmings & sludges, Aliphatic solvents, and Light fuels.		PCA resulting in an APEC
	Coach Canada	GEN	2020-2022 Generated: Waste Crankcase oils & lubricants, Aliphatic solvents & residues, Waste oils/sludges (petroleum based), and Light fuels.		PCA resulting in an APEC
7447 Pin Oak Drive	Niagara Falls Hydro Inc.	NPCB, FSTH	1991-2022 Generated: Petroleum Distillates, Other Specified Inorganics, Phenolic Wastes, Paint/pigment/ coating residues, Inorganic lab chemicals, Light fuels, PCBs, Acid Waste – Heavy Metals, Aliphatic Solvents, Oil skimming and sludges, Organic Laboratory Chemicals, and Waste Oils & Lubricants.	226.5 m ESE	PCA resulting in an APEC
7549 Kalar Road	Kalar Road Junkyard / Primerano’s Auto Parts & Auto Sales / AA Auto Parts	ANDR, AUWR, RSC	The site was formerly a junkyard / car sales lot. RSC filed for the site in June, 2011.	244.3 m SSW	PCA not resulting in an APEC

DTNK = Delisted Fuel Tanks, CFOT = Commercial Fuel Oil Tanks, EXP = List of TSSA Expired Facilities, FST = Fuel Storage Tanks, FSTH = Fuel Storage Tank – Historic, INC = Fuel Oil Spills and Leaks, GEN = Ontario Regulation 347 Waste Generators, PES = Pesticide Register, PRT = Private and Retail Fuel Storage Tanks, RST = Retail Fuel Storage Tanks, SCT = Scott’s Manufacturing Directory, SPL = Ontario Spills, Tanks, CDRY = Drycleaners.

3.3 Physical Setting

3.3.1 Aerial Photographs

Aerial photographs from 1934, 1954/1955, 1965, 1975, 1983, 1995, 2000, 2010, and 2020 were examined and revealed that the Study Site was agricultural in 1934, then first developed in 1954/1955 as residential until 2010, with a commercial addition from pre-1995 until present day. The Study Area was a mix of residential, commercial and industrial. Aerial photographs are contained in Appendix A, with brief summaries provided below.

Date	Comments
1934	The study site was part of a larger agricultural plot of land with other agricultural plots surrounding the study site. Residential development was noted along McLeod Road and a single farmhouse within the southern portion of the study area on Kalar Road. A creek was noted flowing along the eastern adjacent property boundary.
1954/1955	Agricultural use ceased for the study site and all plots of land north and east of the study area. A single-family dwelling was noted along the northwestern portion of the study site with an entrance from Kalar Road, while the remaining portion of the site was vacant. Further residential development was noted south McLeod Road and south of the study site along both sides of Kalar Road. A landfill was illustrated north of McLeod Road starting north of the residential lot on the corner on McLeod and Kalar Road to the corner of McLeod and Montrose and running approximately 770m north of Montrose Road. (Recorded as a landfill for excess rock and soil material taken from the development of the canals.).
1965	Four (4) small sheds were erected south and east of the dwelling on-site. A single-family dwelling was noted west of the study site, and an automotive junk yard was noted approximately 138m south-southwest of the study site (noted as “Kalar Road junkyard N1” and “AA Auto Parts” in the ERIS report. No other significant changes were noted to the study site or study area.
1975 & 1983	The 1975 and 1983 aerial photographs were pixelated, and it was difficult to point out the small details. However, there doesn’t appear to be any significant changes to the study site or study area from the 1965 aerial photograph to the 1983 aerial photograph.
1995	A commercial building was illustrated along the southern portion of the property with two (2) entrances from Kalar Road (north and south of the residential dwelling on-site) with a parking lot covering the rest of the study site. Several semi-trucks and trailers were parked east and south of the residential boundary. A commercial building was noted north of the study site and Niagara Peninsula Energy was noted south of the study site. The landfill was closed with some residential communities built on the landfill north of McLeod Road. No other significant changes were noted for the study area.
2000	Construction was noted northwest of McLeod Road and Kalar Road for future residential subdivision. No other significant changes were noted to the study site or study area.

Date	Comments
2010	The residential dwelling situated in the northwest corner of the study site was demolished, leaving that corner covered with grass and evidently separated from the commercial portion of the site. A large Aboveground Storage Tank (AST) was noted north of the commercial building, in front of the main entrance way. The dwelling east of the study site was demolished and left vacant. The junk yard south-southeast of the site was removed and left vacant with visual stanning where and small piles of debris left behind. The residential subdivision and a small commercial plaza were built northwest of Kalar Road and McLeod Road intersection. No other significant changes were noted for the study site or study area.
2020	The residential portion was stripped and replaced with gravel and utilized as additional parking for the semi-trucks and trailers. The south adjacent property expanded with additional parking east and west of the creek. The Automotive Junk yard seemed remediated having an open excavated area with some surface water pooling in the middle. A residential subdivision was development south of the historic junk yard. A commercial building was noted southwest of the McLeod Road and Kalar Road intersection. No other significant changes were noted for the study site or study area.

3.3.2 Topography, Hydrology, Geology

Topography

Ontario Base Map was reviewed for the Phase One study area. The geodetic ground surface elevation of the site is approximately 179.83 meters above sea level (masl). The study site had a slight southeast slope. The overall study area slope is approximately 1.01% south.

Geology and Physiography

The Phase One property and area is generally characterized as clay plains (Chapman and Putnam, 1984. Map: P.2715). Review of the maps "*Quaternary Geology of Ontario – Southern Sheet" (Ontario Geological Survey Map 2556),* and *Bedrock Geology of Ontario (Ontario Geological Survey Map 2544)* indicated that the subject site overburden was underlain by bedrock noted as part of the Guelph and Lockport Formations. The approximate depth to bedrock, as documented from surrounding well records is 9.75 mbgs (metres below ground surface) and consisted of limestone.

Hydrology:

The depth to the water table is not specifically known for the site. Surface water drainage would be into catch basins on-site and municipal sewers along Kalar Road. The overall groundwater flow for the area is inferred as south towards the Welland River. The site is noted to be within the Chippawa Power Canal Watershed.

3.3.3 Fill Materials

No potential fill materials were identified in historical records such as aerial photos or during the site visit/interview.

3.3.4 Water Bodies and Areas of Natural Significance

Warner Creek is present east adjacent to the study site and runs onto the property along the eastern property line. The creek flows south and is a tributary of the Welland River, approximately 2.2 km south of the study site.

3.3.5 Well Records

A review of the water well records from Ontario Oil, Gas & Salt Resources Library as well as the Ministry of the Environment, Conservation and Parks (MECP) well records revealed that there were eight (8) well records associated with the study site, and ten (10) records available from within the study area (250 m radius). Each record can contain information pertaining to date of installation, well use, type of stratigraphy encountered and groundwater levels. The stratigraphy within the well record was described as follows:

Well ID: 6601374	
Location: On-site (domestic well)	
Depth (mbgs)	**Stratigraphy**
0-2.43	Brown Clay
2.43-9.14	Soft Blue Clay
9.14-9.75	Red Sand and Gravel
9.75-13.71	Limestone

Mbgs = meters below ground surface

Details of the well records are located in Appendix F.

3.4 Site Operating Records

There were no applicable site operating records available for review.

4.0 INTERVIEW

On July 18th, 2023 during site reconnaissance, an interview was conducted with Mike Perri and Danny Perri, current owners of the Phase One ESA property. The information gathered from the interviewed party is considered accurate and is consistent with the historical records review for the Phase One ESA property and adjacent sites. The following is a summary of the information provided to EON:

- The site is currently owned by Danny who rents the property out to Harper Detroit/ Coach Canada, Arlington/Phoenix Crane and Pilot Trucking Training.
    - Harper Detroit/ Coach Canada uses the northwest parking lot, and Bays B & C in the building and the Deisel Aboveground Storage Tank (AST).
    - Arlington/Phoenix Crane uses Bay A in the building, and the southwest corner of the property.
    - Pilot Trucking Training uses the northeast corner of the property/parking lot.
- The northeast corner of the site historically had a single-family dwelling that was demolished in 2007.
- At the end of Bay C there was a loading dock, this was removed and backfilled with granular material approximately 6 years ago (2017).
- The AST in the southeast corner of the building is used for waste oils and is emptied every 2 months by Safety-Kleen.
- A Phase One ESA and Phase Two ESA has been completed prior to the client purchasing the property from WAJAX Power System, both reports have been provided to EON for review.
- No suspected ACM or Lead-based Paints were noted by the client, a designated substance survey was not done.

The full record of interview is located in Appendix G.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site investigation took place on July 18th, 2023 at approximately 9:00 am and was conducted by EON staff member Nicole Metz, *Environmental Technician* and overseen by Kevin Christian, *Qualified Person*. The Phase One property is considered an Enhanced Investigation Property (EIP). The weather conditions during site reconnaissance were clear and sunny, approximately 20 °C and all areas of the Phase One property were accessible. The facility was operating the entire time spent on site (9:00 am – 9:45 am).

5.2 Specific Observations at Phase One Property

The purpose of the site reconnaissance was to identify any PCAs and/or APECs that could present the potential for contaminant sources available for migration via air, surface drainage, soil, and/or groundwater flow to human and/or ecological receptors. A photo log highlights the site in addition to surrounding land uses and is provided in Appendix H. Findings are summarized below and discussed further where necessary. Site layout is illustrated in Figure 3, including annotation to the photographs taken during site reconnaissance.

5.2.1 Exterior Observations

- There is currently one (1) building on-site (Photos 3-6);
- One (1) AST used for Diesel was found in the parking lot (Photo 1);
- Below-ground structures and utilities were unknown at the time of site reconnaissance, including the type and locations of water, sewer, electrical, and gas;
- There were no potable groundwater sources located at the Study Site;
- Although the previous Phase Two ESA indicated that four (4) monitoring wells were installed in 2010, none of those wells were found during the site visit;
- A Creek was noted at the east adjacent property with overgrown vegetation (Photo 24);
- The ground cover at the Site consisted of gravel and grass (Photos 1, 2, & 4);
- The site occupies an area of approximately 3.31 acres of land.

Exterior Focus Items	Exterior Location / Description
Storage tanks (AST/UST)	Various ASTs observed and noted in figure 4a and 4b
Wells	On-site wells have been decommissioned; locations are noted in Appendix F.
Wastewater	None Observed
Pits and lagoons	None Observed
Stained materials	None Observed
Stressed vegetation	None Observed
Fill	None Observed
Surface Water	None Observed
Watercourses, or ditches	Warner Creek noted along the eastern property line.
Equipment	None Observed
Debris	None Observed
Chemical storage	None Observed

5.2.2 Interior Observations

The building has one main floor at street level located on the southern portion of the property. It occupies approximately 1,425 m^2 of the study site. The building was constructed of poured concrete and steel siding and a flat roof. There is an office space in the southern middle part of the building, with bay doors along the northern building wall that lead to service bays throughout the rest of the building.

Floor	Surface	Construction Materials	Notes
1st	• Walls	• Exposed aluminum siding, drywall in office area.	None.
	• Floors	• Poured concrete. Floor tile in office.	
	• Ceilings	• Some ceiling tiles in office, exposed tin roofing throughout rest of building	

Interior Focus Items	Interior Location & Description
UFFI (urea formaldehyde foam insulation)	None observed
PCB's (polychlorinated biphenyl)	None observed.
Ozone Depleting Substances	None observed
Designated Substances under O. Reg 490/09 of the Occupational Health and Safety Act, including:	
Acrylonitrile	None observed
Isocyanates	None observed
Arsenic	None observed
Lead (Paint)	The presence of lead-based paint could exist given the age of the original building.
Asbestos Containing Materials (ACM)	Potential ACM was noted on materials: ceiling tile, floor tile, drywall joint compound.
Mercury	None observed
Benzene	None observed
Silica	None observed

Interior Focus Items	Interior Location & Description
Ethylene Oxide	None observed
Vinyl Chloride	None observed
Radon	Survey not conducted
Mould	None observed
Water damage	
Noise	None observed
Electromagnetic field sources	None observed
Heating and cooling systems	Unknown
Drains and sumps	Throughout warehouse
Hydraulic equipment	None observed
Chemical storage	None observed
Odours	None observed
Other	None observed

5.2.3 Potential Designated Substance and Hazardous Materials

5.2.3.1 Asbestos Containing Material (ACM)

Potential Asbestos Containing Materials were observed as the drywall joint compound, floor tile, and ceiling tile. Asbestos is classified as a Designated Substance under the Occupational Health and Safety Act, and regulated under O. Reg. 490/09.

5.2.3.2 Lead

The potential for the presence of lead-based paint was documented due to the age of the original building (pre 1980's). Lead is classified as a Designated Substance under O. Reg. 843 of the Occupational Health and Safety Act.

5.3 Surrounding Properties in the Phase One ESA Study Area

The surrounding land uses were a mix of commercial, industrial, and undeveloped lots (as seen in Photos 22-25), with some residential lots located within the Study Area. Further descriptions of surrounding property uses are presented below.

Description	Current Use	Past Use	Source used
Adjacent/ Surrounding Properties:	**North:** Commercial (Afro-Caribbean Variety Food Market) **South:** Niagara Peninsula Energy **East:** Residential Development **West:** Vacant Land	**North:** Agricultural **South:** Agricultural **East:** Agricultural **West:** Agricultural	Historical document research, aerial photos and site investigation (July 18th, 2023).

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses – Subject Site

The historical documents research and the site reconnaissance revealed the Study Site had been developed for residential purposes dating from the late 1960's, with the addition of a commercial building from 1980's to present day.

6.2 Potentially Contaminating Activities

Analysis of the historical research, and information gathered during site reconnaissance, was used to determine if there were any PCAs, current or historic, found on-site and/or within the Study Area that may have resulted in creating an on-site APEC. PCA's within the study area are depicted in Figure 4a.

6.2.1 Historical On-site PCAs

Six (6) historic on-site PCA were noted within the study site.

- ***PCA-1/APEC-1: #33 – Metal Treatment, Coating, Plating and Finishing.*** ERIS Reports indicated that Trillium Lifestyles Industries was located on-site from 1992 to 1995. Operations included metal household furniture manufacturing. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of Concern are Metals (by ICP), Petroleum Hydrocarbons (PHCs), Polycyclic Aromatic Hydrocarbons (PAHs) and Volatile Organic Compounds (VOCs).
- ***PCA-2/APEC-2: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Wajax Power Systems was noted in ERIS Reports, located at the site from 2010 to 2019 for automotive repair and maintenance. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAH, Benzene, Toluene, Ethylbenzene, Xylene (BTEX), VOCs, and Metals (by ICP).
- ***PCA-3/APEC-3: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** Two (2) Aboveground Storage Tank (AST) were noted while WAJAX owned the property. One (1) 1,100 L double walled steel AST for used oil and oil/water separator was noted in Bay 8, and one (1) 1,100 L AST used oil was noted along the west side of the site building. The ASTs were removed in 2011 prior to the previous Phase Two ESA; however, only PHCs and VOCs were sampled in the soil and groundwater in the lower soil profile outside the building and the lab results

were compared to a less stringent site condition not used for RSC purposes. Samples would need to be analyzed for metals, as well as PHCs and VOCs in the upper water levels. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, Metals (by ICP) and VOCs.

- ***PCA-4/APEC-4: #39 – Paints Manufacturing, Processing and Bulk Storage.*** As noted in the ERIS Ecolog Trillium Lifestyles Industries generated Paint residues from 1995-2004. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PAHs, and VOCs.
- ***PCA-5/APEC-5: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,200 L AST for engine oil was identified in service bay #6 while WAJAX owned the property, and has since been removed; however, no soil or groundwater was investigated in this area. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, Metals (by ICP), and BTEX.
- ***PCA-6/APEC-6: Other – Parts wash station.*** The Phase One ESA completed by GHD, 2019, a parts wash station was noted in the center northern portion of the building, used by Wajax for an undisclosed number of years. Parts washing operations represent a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are VOCs.

6.2.2 Recent On-site PCAs

Five (5) recent PCAs were identified at the study site.

- ***PCA-7/APEC-7: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** *Coach Canada* currently rents a portion of the property for parking and to conduct general maintenance and repair to the buses on-site. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, VOCs, and Metals.
- ***PCA-8/APEC-8: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Arlington/Phoenix Crane currently conducts business operations in Bay A on-site. Operations include the maintenance and repair of Crains. This represents a PCA creating an APEC to the study sites soil

and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, VOCs, and Metals (by ICP).

- ***PCA-9/APEC-9: #4 – Antifreeze and De-icing Manufacturing and Bulk Storage.*** A 900 L tote of antifreeze was identified in BAY B & C, noted within the 5th and 9th bay door from the western end of the building. This represents a PCA to the study sites soil and groundwater. Potential Contaminants of concerns are VOCs.
- ***PCA-10/APEC-10: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A double walled steel 50,000L AST for used Diesel fuel was noted near the southern entrance of the property. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).
- ***PCA-11/APEC-11: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,100 L steel AST for used oil was noted in the southeast corner of the building. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).

6.2.3 Adjacent Sites PCAs

Two (2) PCAs were identified at adjacent sites to the Phase One property.

- ***PCA-12/APEC-12: #55 –Transformer Manufacturing, Processing and Use.*** The Niagara Falls Hydro Electric Commission (currently known as Niagara Peninsula Energy) was noted at 7447 Pin Oak Drive. ERIS Reports indicate that the site is listed within the Ontario PCB Registry, and it is also listed as a generation facility for various oil and chemical wastes. The power station represents an off-site PCA creating an on-site APEC to the study sites soil and groundwater. Potential Contaminants of concern are PCBs.
- ***PCA-13: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** Noted in the previous environmental reports there was two (2) 9,100L Underground Storage Tanks (USTs) used for Gasoline and Deisel fuel. Upgraded to two (2) ASTs by 2013 as illustrated in aerial photographs. These ASTs and USTs were approximately 220m southeast from the study site. This PCA was not considered further due distance to the study site and the southern groundwater flow direction.

6.2.4 Study Area PCAs

Two (2) additional PCAs were noted within 250 m of the study site, however it is unlikely that any contaminants migrating off-site would present an on-site APEC at the study site due to the distance to the site and interpreted groundwater flow direction. Further details regarding these properties are provided below.

Business Type	PCA (Schedule D)	Address	Reason for discounting
Salvage Yard	**PCA-14:** #49 Salvage Yard, including automobile wrecking	7549 Kalar Road	• 135m south southwest of study site • Inferred south groundwater flow direction for study area • Down-gradient from study site
Waste Disposal	**PCA-15:** #58 Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners	McLeod Road (From Kalar Road to Montrose Road)	• 98m North of study site • Waste disposal site has been remediated and the land now consists of residential dwellings

Other land uses within the study area North, South, East, and West of the study site did not exhibit visible items of concern that would constitute PCAs relevant to the subject site regarding potential for impact to soil and/or groundwater.

6.3 Areas of Potential Environmental Concern

Twelve (12) previously described PCAs created on-site APECs with the potential to impact the Phase One study site's soil, groundwater, and/or sediment. On-site APECs are illustrated in Figure 4b, with further details provided below in table format.

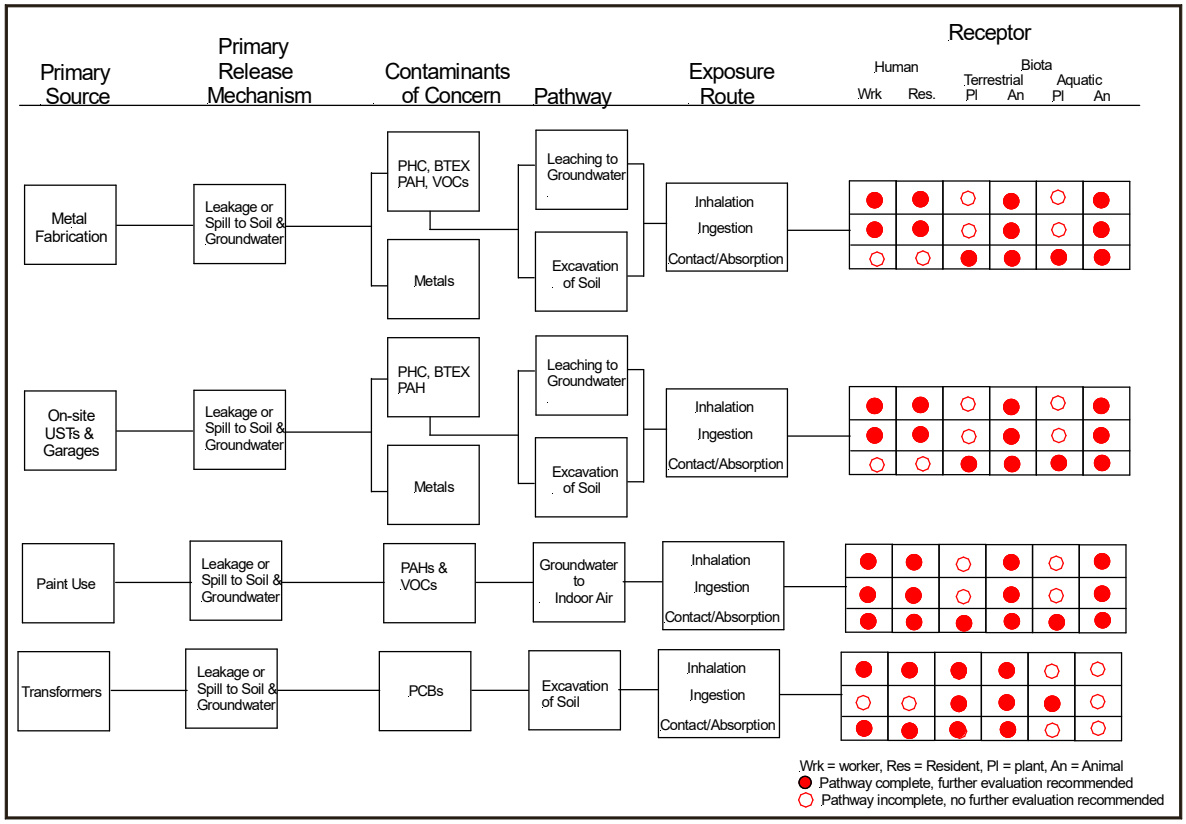
APEC-#	Location of APEC on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Within building	#33 – Metal Treatment, Coating, Plating and Finishing (historic)	On-site	PHCs, PAHs, BTEX, VOCs, Metals	Soil and Groundwater
APEC-2	Eastern portion of the building	#27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (historic)	On-site	PHCs, PAHs, BTEX, VOCs, Metals	Soil & Groundwater

APEC-#	Location of APEC on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-3	Western side of the building – exterior & Within bay #8	#28 – Gasoline and Associated Products Storage in Fixed Tanks (historic)	On-site	PHCs, PAHs, BTEX, VOCs, Metals	Soil & Groundwater
APEC-4	Western portion of the building (Bay A)	#39 Paints Manufacturing, Processing and Bulk Storage (historic)	On-site	PAHs & VOCs	Soil & Groundwater
APEC-5	Within middle eastern portion of the building	#28 – Gasoline and Associated Products Storage in Fixed Tanks (historic)	On-site	PHCs, Metals, & BTEX	Soil & Groundwater
APEC-6	Center northern portion of the building	Other – Parts Wash Station (historic)	On-site	VOCs	Soil & Groundwater
APEC-7	Eastern portion of the building	#27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-site	PHCs, PAHs, BTEX, VOCs, Metals	Soil & Groundwater
APEC-8	Western portion of the building	#27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	On-site	PHCs, PAHs, BTEX, VOCs, Metals	Soil & Groundwater
APEC-9	Bay B & C	#4 – Antifreeze and De-icing Manufacturing and Bulk Storage	On-site	VOCs	Soil & Groundwater
APEC-10	Near the southern property entrance	#28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	PHCs, BTEX, PAHs, & Metals	Soil & Groundwater
APEC-11	Southeast corner of the building - exterior	#28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	PHCs, BTEX, PAHs, & Metals	Soil & Groundwater
APEC-12	7447 Pin Oak Drive – southern adjacent property	#55 – Transformer Manufacturing, Processing and Use	Off-site	PCBs	Soil and Groundwater

The Phase One research is considered valid with no absence of information and was completed in full and considered accurate in determining the APECs located on-site.

6.4 Phase One Conceptual Site Model

The conceptual site model qualitatively considers the potential interaction of primary sources of environmental concern, with suspected contaminants of concern, and the pathway(s) and exposure route(s) to the receptors. Target contaminants of Metals, PHCs, BTEX, VOCs, PCBs, and PAHs were identified with potential migration pathways to human and/or biota receptors.



7.0 CONCLUSIONS & RECOMMENDATIONS

EON Environmental Consulting Ltd. was retained by 2131595 Ontario Inc. c/o Dan Perri to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 7302 Kalar Road, Niagara Falls, ON. The objectives of the Phase One ESA were an investigation of the subject property and adjacent lands conducted in accordance with O. Reg. 153/04 as amended, and under the supervision of a Qualified Person in order to determine the likelihood that one or more contaminants may have affected any land and/or water on, in or under the property.

Potentially Contaminating Activities (PCAs), and contaminants or materials of potential concern, if revealed on-site, or at properties located within a 250 m radius of the site, were evaluated as to whether they generated 'Areas of Potential Environmental Concern' (APECs). PCAs are itemized in Schedule D Table 2 of O. Reg 511/09. APECs, if identified, were individually evaluated whether they were triggers for additional investigation via a Phase Two ESA. Additionally, building materials were documented and evaluated regarding the potential need for a Designated Substance and Hazardous Materials Survey.

PHASE ONE ESA SCOPE OF INVESTIGATION

The Phase One ESA scope of investigation included review of historical background information via examination of:

- Chain of Title;
- Vernon's City Directory Search;
- Environmental Risk Information System (EcoLog ERIS);
- Mapping resources including: Niagara Navigator Thematic, MNR Heritage Area, Topographic, Quaternary, Bedrock and Geology;
- Aerial photographs; and
- Water well records from Ontario Oil, Gas & Salt Resources Library & Ministry of the Environment, Conservation and Parks.

A site reconnaissance was completed to observe site grounds, on-site structures (if applicable), and adjacent properties in order to identify PCAs and APECs. This information was utilized to formulate a preliminary Conceptual Site Model regarding potential contaminants, contaminant migration pathways, and human and/or ecological receptors at the site.

PHASE ONE ESA FINDINGS

The Phase One ESA findings revealed the following:

- Potential designated substances and hazardous materials ie: lead-based paints, and asbestos containing materials were observed within the residential building structure; and
- Eleven (11) on-site and one (1) off-site Potential Contaminating Activities that resulted in twelve (12) Area of Potential Environmental Concern with the potential to have impacted the study site's soil and/or groundwater.
    - ***PCA-1/APEC-1: #33 – Metal Treatment, Coating, Plating and Finishing.*** ERIS Reports indicated that Trillium Lifestyles Industries was located on-site from 1992 to 1995. Operations included metal household furniture manufacturing. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of Concern are Metals (by ICP), Petroleum Hydrocarbons (PHCs), Polycyclic Aromatic Hydrocarbons (PAHs) and Volatile Organic Compounds (VOCs).
    - ***PCA-2/APEC-2: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Wajax Power Systems was noted in ERIS Reports, located at the site from 2010 to 2019 for automotive repair and maintenance. This represents a PCA that creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAH, Benzene, Toluene, Ethylbenzene, Xylene (BTEX), VOCs, and Metals (by ICP).
    - ***PCA-3/APEC-3: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** Two (2) Aboveground Storage Tank (AST) were noted while WAJAX owned the property. One (1) 1,100 L double walled steel AST for used oil and oil/water separator was noted in Bay 8, and one (1) 1,100 L AST used oil was noted along the west side of the site building. The ASTs were removed in 2011 prior to the previous Phase Two ESA; however, only PHCs and VOCs were sampled in the soil and groundwater in the lower soil profile outside the building and the lab results were compared to a less stringent site condition not used for RSC purposes. Samples would need to be analyzed for metals, as well as PHCs and VOCs in the upper water levels. This represents a PCA creating an APEC to the study sites soil and

groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, Metals (by ICP) and VOCs.

- ***PCA-4/APEC-4: #39 – Paints Manufacturing, Processing and Bulk Storage.*** As noted in the ERIS Ecolog Trillium Lifestyles Industries generated Paint residues from 1995-2004. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PAHs, and VOCs.
- ***PCA-5/APEC-5: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,200 L AST for engine oil was identified in service bay #6 while WAJAX owned the property, and has since been removed; however, no soil or groundwater was investigated in this area. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, Metals (by ICP), and BTEX.
- ***PCA-6/APEC-6: Other – Parts wash station.*** The Phase One ESA completed by GHD, 2019, a parts wash station was noted in the center northern portion of the building, used by Wajax for an undisclosed number of years. Parts washing operations represent a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are VOCs.
- ***PCA-7/APEC-7: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** *Coach Canada* currently rents a portion of the property for parking and to conduct general maintenance and repair to the buses on-site. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, VOCs, and Metals.
- ***PCA-8/APEC-8: #27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles.*** Arlington/Phoenix Crane currently conducts business operations in Bay A on-site. Operations include the maintenance and repair of Crains. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, PAHs, BTEX, VOCs, and Metals (by ICP).
- ***PCA-9/APEC-9: #4 – Antifreeze and De-icing Manufacturing and Bulk Storage.*** A 900 L tote of antifreeze was identified in BAY B & C, noted within the 5th and 9th bay door from the western end of the building. This represents

a PCA to the study sites soil and groundwater. Potential Contaminants of concerns are VOCs.

- ***PCA-10/APEC-10: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A double walled steel 50,000L AST for used Diesel fuel was noted near the southern entrance of the property. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).
- ***PCA-11/APEC-11: #28 – Gasoline and Associated Products Storage in Fixed Tanks.*** A 1,100 L steel AST for used oil was noted in the southeast corner of the building. This represents a PCA creating an APEC to the study sites soil and groundwater. Potential Contaminants of concern are PHCs, BTEX, PAHs, and Metals (by ICP).
- ***PCA-12/APEC-12: #55 –Transformer Manufacturing, Processing and Use.*** The Niagara Falls Hydro Electric Commission (currently known as Niagara Peninsula Energy) was noted at 7447 Pin Oak Drive. ERIS Reports indicate that the site is listed within the Ontario PCB Registry, and it is also listed as a generation facility for various oil and chemical wastes. The power station represents an off-site PCA creating an on-site APEC to the study sites soil and groundwater. Potential Contaminants of concern are PCBs.

- Two (2) additional PCAs were noted within 250 m of the Study Site, however it is unlikely that any contaminants migrating off-site would present an on-site APEC at the study site due to the distance to the site and interpreted southern groundwater flow direction away from the site.

RECOMMENDATIONS

Based on the above noted findings EON therefore recommends:

1) **A designated substance and hazardous material survey to identify and quantify potential asbestos containing material, and lead-based paint within the building structure located on-site prior to any renovation/demolition; and**
2) **A Phase Two Environmental Site Assessment to determine the presence/absence of potential contaminants of concern in the soil and groundwater resulting from the various on-site aboveground storage tanks, garages and associated products, historic metal treatment and painting, and off-site transformer storage facility.**

8.0 AUTHOR

EON Environmental Consulting Ltd. has conducted this Phase One Environmental Site Assessment as permitted by EON Certificate of Authorization (#90252). The following employees authored the report:

Amber Cottle - Ms. Amber Cottle, BA Environmental Science (Honours), EMA (Honours), was the Environmental Scientist for the project with experience in the environmental consulting field. Related project work includes Phase One & Phase Two Environmental Site Assessments, Designated Substances & Hazardous Material Surveys.

Nicole Metz - Ms. Nicole Metz, ETPD, ERPC, was the Project Coordinator for the project with over eight years of experience in the environmental consulting field. Some projects Mrs. Metz have worked on included: Phase One & Two Environmental Site Assessments, Site Remediation, groundwater and surface water sampling, underground or aboveground storage tank decommissioning, Designated Substance Surveys, Records of Site Condition Filing, Environmental Compliance Approvals, National Pollutant Release Inventory, and Hazardous Waste Information Network training.

Kevin Christian - Mr. Kevin Christian, M.Sc., P.Geo., a Professional Geoscientist (#0387) registered with the Association of Professional Geoscientists of Ontario, and a Qualified Person (Environmental Site Assessment & Risk Assessment) as per Ontario Regulations 153/04 and 511/09, has thirty-five years of experience in the environmental geoscience consulting industry conducting Phase One and Two ESA's, remedial planning, site remediation supervision, and Record of Site Condition (RSC) preparation.

9.0 REFERENCES

The following reports, documents and databases were reviewed for the completion of this Phase One ESA.

- EcoLog ERIS
- Brock University Map Library
- City of Niagara Falls Fire Insurance Plans
- City of Niagara Falls Vernon's City Directories
- Brock University Special Collections Library
- National Pollutant Release Inventory (NPRI) database www.ec.gc.ca.
- Ontario Inventory of PCB Storage Site October 1991, Ministry of the Environment, January 1992.
- Technical Safety and Standards Authority (TSSA) Fuel Storage Information
- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II; MOE, 1987
- Ontario Oil, Gas, and Salt Resources Library, www.ogsrlibrary.com.
- Waste Disposal Site Inventory, Ministry of the Environment, 1991.
- Niagara Peninsula Conservation Authority (NPCA) Watershed Explorer; https://npca.ca/conservation#conservation-watershed
- Search Record of Site Condition, Ontario Ministry of Environment, Conservations and Parks; https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search?request_locale=en
- Environmental Registry: Search Certificate of Property Use; https://www.ebr.gov.on.ca/ERS-WEB-External/searchNotice.do
- Ministry of Natural Resources (ANSIs) mapping; https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?viewer=Make_A_Topographic_Map.MATM&locale=en-US
- Search Access Environment for Environmental Compliance Approvals; http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en
- Historic Topographic Maps of Niagara through Brock University Maps, Data & GIS; https://www.arcgis.com/apps/MapSeries/index.html?appid=17d511332d5e40a499bcc8209846cba0

FIGURES

Figure 1: Site Location

Figure 2: Adjacent Land Uses

Figure 3: Site Layout

Figure 4a: Potentially Contaminating Activities within Study Area

Figure 4b: Areas of Potential Environmental Concern

N

EON ENVIRONMENTAL CONSULTING LTD.

Legend

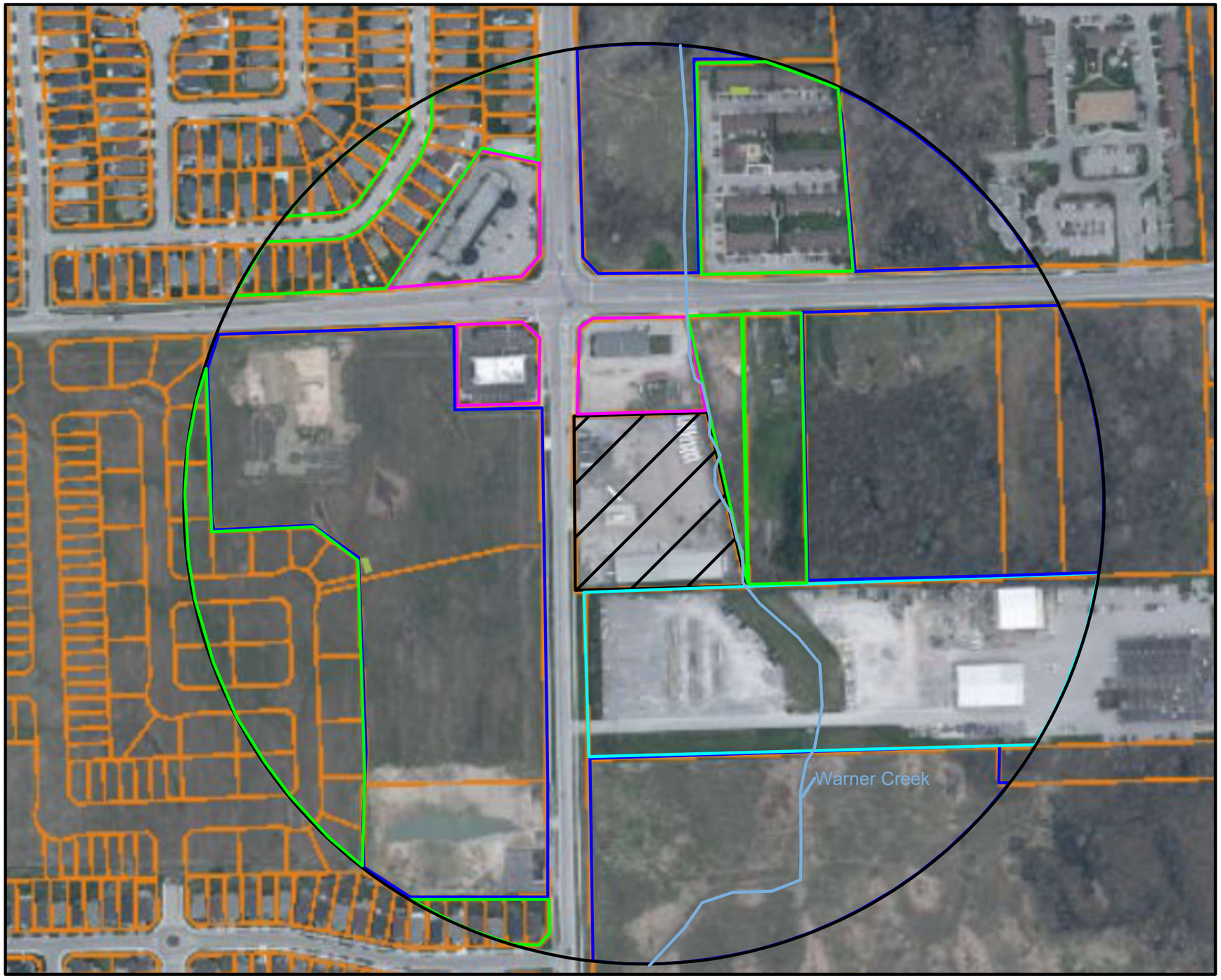
Study Site

Client:
2131595 Ontario Inc.
c/o Dan Perri

Project:
Phase One ESA
7302 Kalar Road,
Niagara Falls, ON

Figure Name
Site Location

Project: E-23-35-1	**Figure 1**
Date: August 2023	
Drafted: AC Reviewed: N. Metz	



0 50 100 150 200 250m

N

EON
ENVIRONMENTAL CONSULTING LTD.

Legend

- Study Area
- Phase One Property
- Residential Use
- Vacant Land
- Commercial Use
- Industrial Use
- Warner Creek

Client:

2131595 Ontario Inc.
c/o Dan Perri

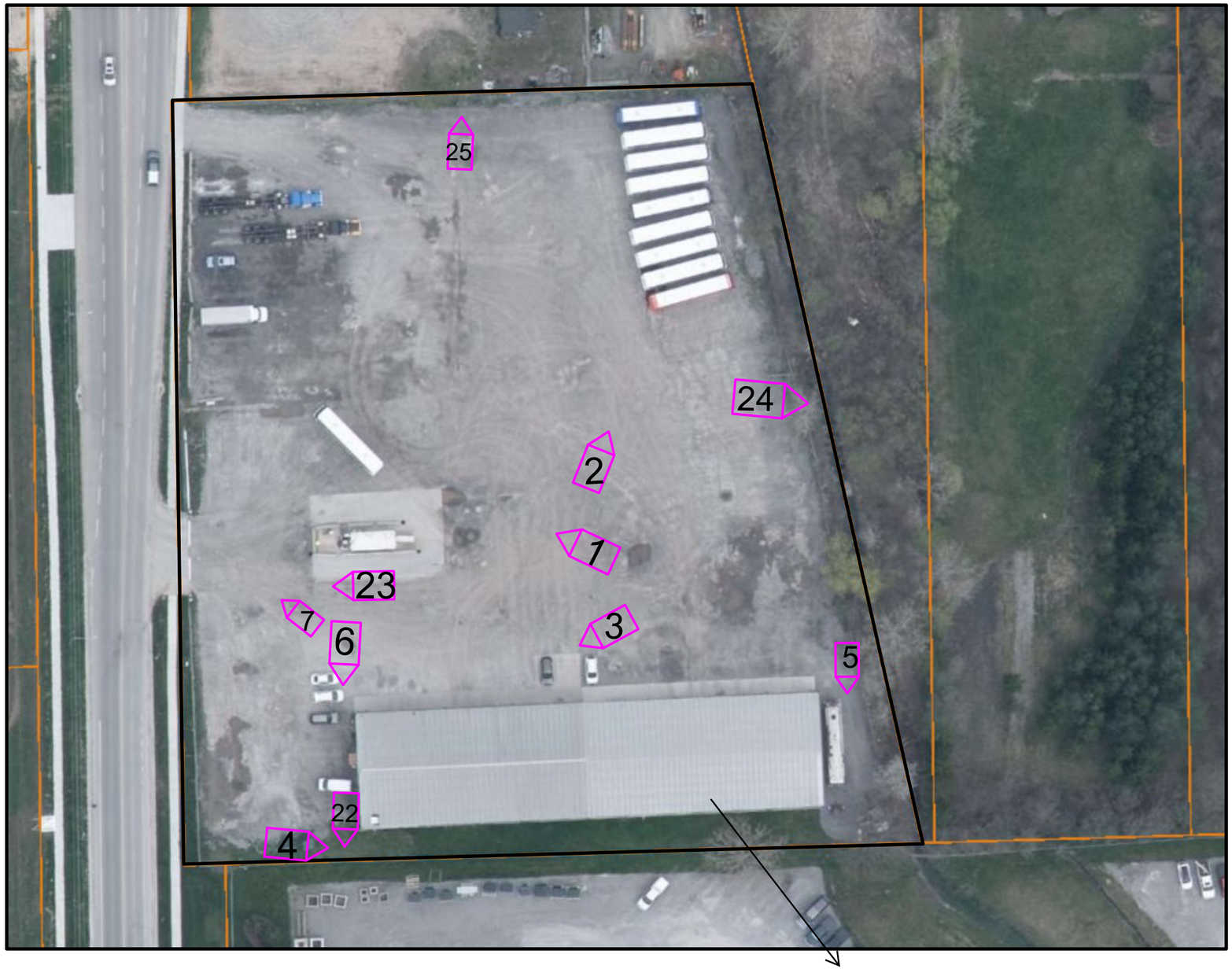
Project:

Phase One ESA
7302 Kalar Road, Niagara Falls, ON

Figure Name:

Adjacent Land Uses

Project: E-23-35-1	**Figure 2**
Date: June 2023	
Drafted: AC Reviewed: N. Metz	



0 25 50m

*Photos 8-21 taken inside building

N

EON ENVIRONMENTAL CONSULTING LTD.

Legend

Phase One Property

Photo # and Direction of Photo

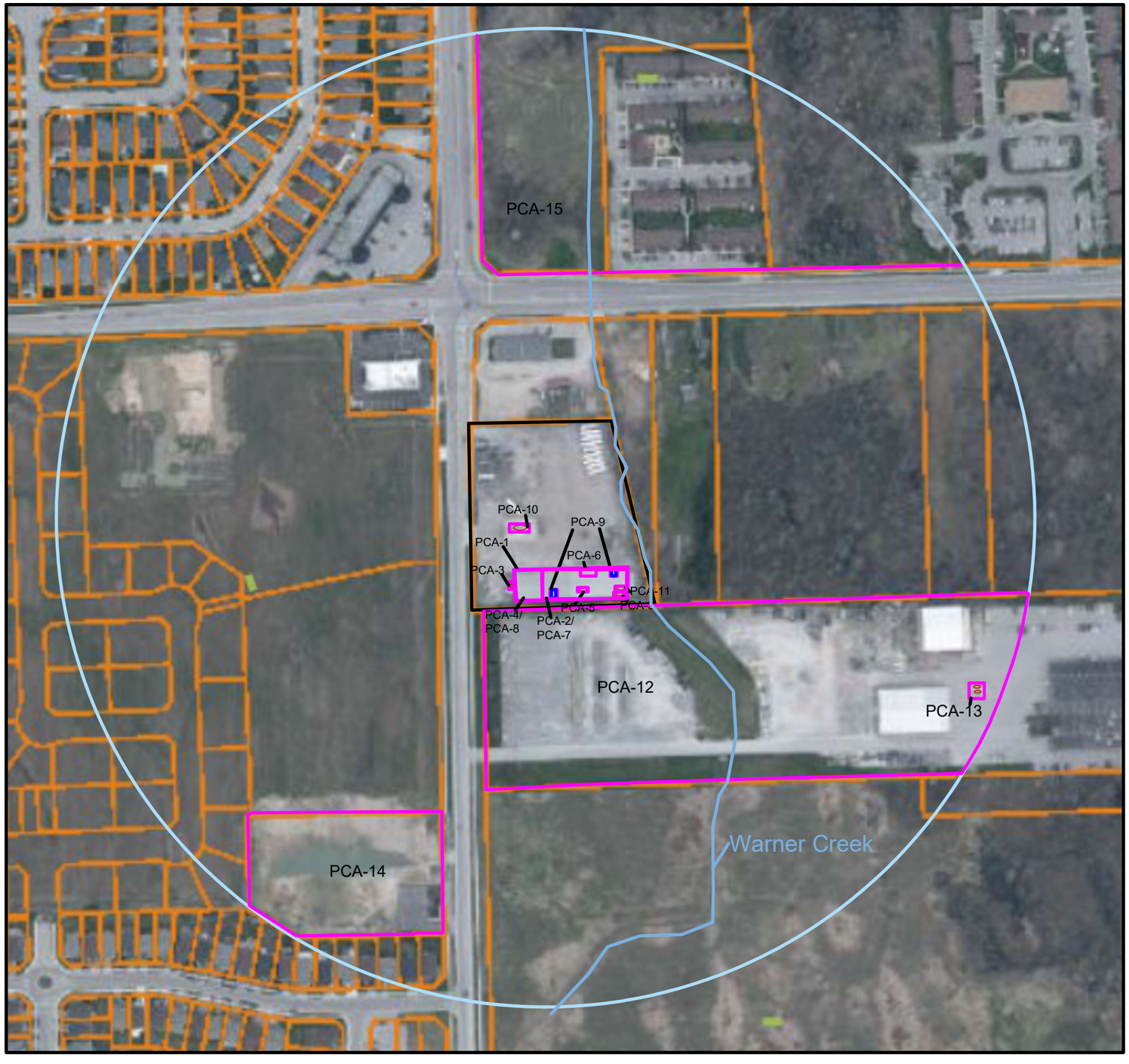
Client:
2131595 Ontario Inc.
c/o Dan Perri

Project:
Phase One ESA
7302 Kalar Road, Niagara Falls, ON

Figure Name:
Site Layout

Project: E-23-35-1
Date: August 2023
Drafted: AC
Reviewed: N.Metz

Figure 3



PCA-1: #33 - Metal Treatment, Coating, Plating and Finishing (Historic)
PCA-2: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (Historic)
PCA-3: #28 - Gasoline and Associated Products Storage in Fixed Tanks (Historic)
PCA-4: #39 - Paints Manufacturing, Processing and Bulk Storage (Historic)
PCA-5: #28 - Gasoline and Associated Products Storage in Fixed Tanks (Historic)
PCA-6: Other - Parts Wash Station (Historic)
PCA-7: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-8: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-9: #4 - Antifreeze and De-icing Manufacturing and Bulk Storage
PCA-10: #28 - Gasoline and Associated Products Storage in Fixed Tanks
PCA-11: #28 - Gasoline and Associated Products Storage in Fixed Tanks
PCA-12: #55 - Transformer Manufacturing, Processing and Use
PCA-13: #28 - Gasoline and Associated Products Storage in Fixed Tanks
PCA-14: #49 - Salvage Yard, including automobile wrecking
PCA-15: #58 - Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners

Inferred Groundwater Flow Direction

EON ENVIRONMENTAL CONSULTING LTD.

Legend

- Phase One Property
- Study Area
- PCA #s
- Aboveground Storage Tank (UST)
- Antifreeze Tanks

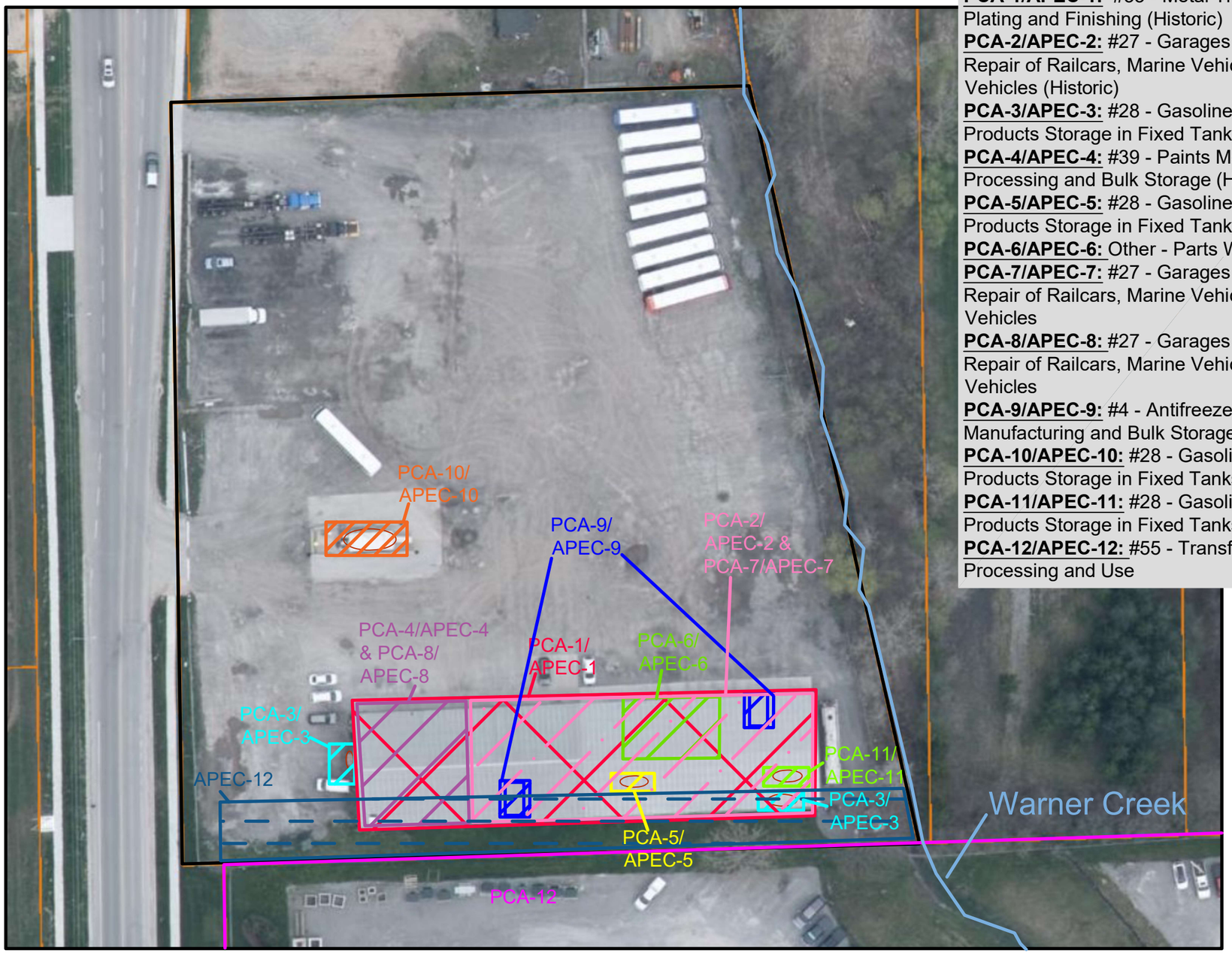
Inferred Groundwater Flow Direction

Client:
2131595 Ontario Inc. c/o Dan Perri

Project:
Phase One ESA
7302 Kalar Road, Niagara Falls, ON

Figure Name:
Potentially Contaminating Activities (PCAs)

Project: E-23-35-1	**Figure 4a**
Date: August 2023	
Drafted: AC Reviewed: N. Metz	



PCA-1/APEC-1: #33 - Metal Treatment, Coating, Plating and Finishing (Historic)
PCA-2/APEC-2: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (Historic)
PCA-3/APEC-3: #28 - Gasoline and Associated Products Storage in Fixed Tanks (Historic)
PCA-4/APEC-4: #39 - Paints Manufacturing, Processing and Bulk Storage (Historic)
PCA-5/APEC-5: #28 - Gasoline and Associated Products Storage in Fixed Tanks (Historic)
PCA-6/APEC-6: Other - Parts Wash Station (Historic)
PCA-7/APEC-7: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-8/APEC-8: #27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
PCA-9/APEC-9: #4 - Antifreeze and De-icing Manufacturing and Bulk Storage
PCA-10/APEC-10: #28 - Gasoline and Associated Products Storage in Fixed Tanks
PCA-11/APEC-11: #28 - Gasoline and Associated Products Storage in Fixed Tanks
PCA-12/APEC-12: #55 - Transformer Manufacturing, Processing and Use

0 25 50m

Inferred Groundwater Flow Direction

N

EON ENVIRONMENTAL CONSULTING LTD.

Legend

- Phase One Property
- APEC-1 (Trillium)
- APEC-2 (Wajax)
- APEC-3 (Wajax)
- APEC-4 (Trillium)
- APEC-5 (Wajax)
- APEC-6 (Wajax)
- APEC-7 (Coach Canada)
- APEC-8 (Phoenix/Arlington Crane)
- APEC-9 (Coach Canada)
- APEC-10 (Coach Canada)
- APEC-11 (Coach Canada)
- APEC-12 (NPE)
- PCA-#
- Inferred Groundwater Flow Direction

Client:
2131595 Ontario Inc.
c/o Dan Perri

Project:
Phase One ESA
7302 Kalar Road, Niagara Falls, ON

Figure Name:
Area's of Potential Environmental Concern (APECs)

Project: E-23-35-1
Date: August 2023
Drafted: AC
Reviewed: N. Metz

Figure 4b

Appendix A:

Aerial Photographs

Aerial Photographs

1934

1954/1955

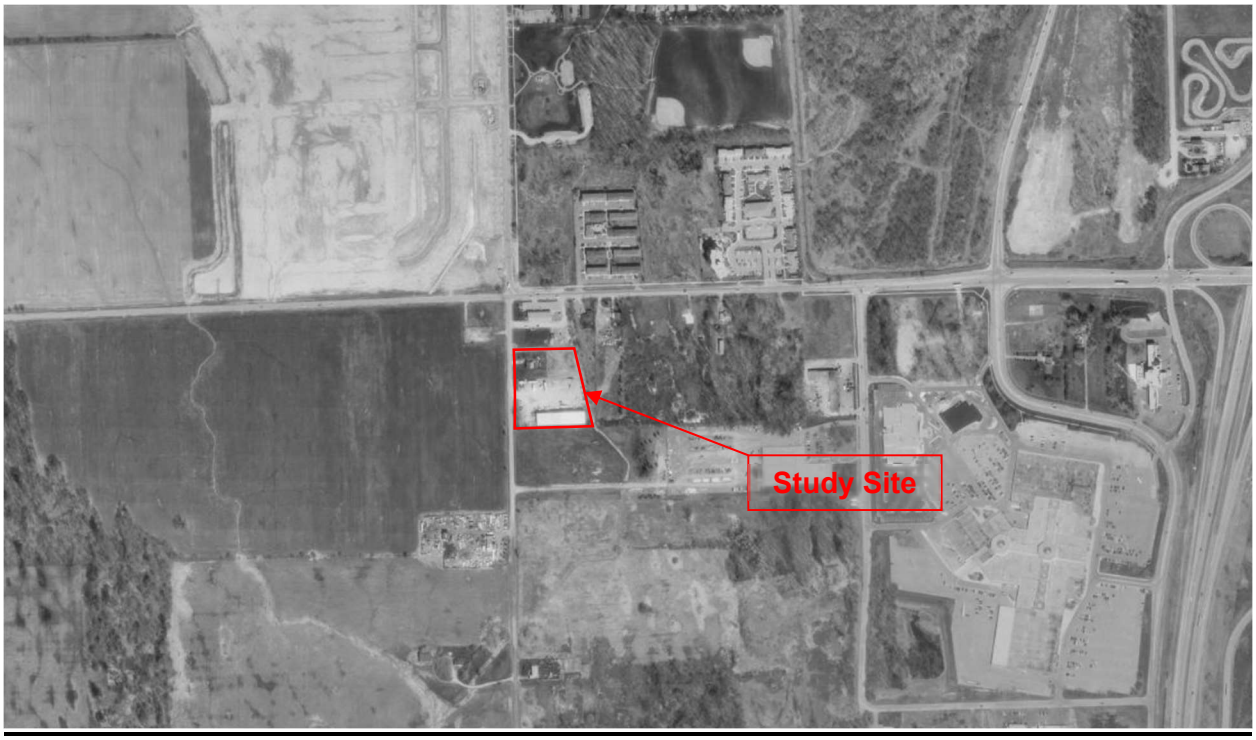
1965

1975

1983

1995

2000



2010

2020

Appendix B:

Chain of Title

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #59

64263-0062 (LT)

PREPARED FOR AMBER COTTLE
ON 2023/07/28 AT 13:10:39

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT TWP LT 179 STAMFORD AS IN RO484133 ; NIAGARA FALLS

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1999/05/17

OWNERS' NAMES
2131595 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1999/05/17 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/05/17						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***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: 1999/05/17 ***						
AA62067	1961/10/23	BYLAW				C
SN203520	2008/04/09	TRANSFER	$675,000	1019536 ONTARIO INC.	2131595 ONTARIO INC.	C
	REMARKS: PLANNING ACT STATEMENTS					
SN686553	2021/08/06	CHARGE	$1,230,000	2131595 ONTARIO INC.	MERIDIAN CREDIT UNION LIMITED	C
SN686555	2021/08/06	NO ASSGN RENT GEN		2131595 ONTARIO INC.	MERIDIAN CREDIT UNION LIMITED	C
	REMARKS: SN686553.					

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.

Appendix C:

Vernon's City Directory

Vernon's City Directory Search

Vernon's City Directories were available from EON archives for the City of Niagara Falls dating from 1946 – 1985; however, the study site was only listed from 1975-1985. Details from the City Directory search are provided below.

Date	Location Description	Address	Property Name
1975	Kalar Road (es)		
		6253 – 6950	Residential
		E s	Model Airplane Flying Site
		7302	Monteith R
		7452 – 7610	Vacant
		7640 – 7656	Residential
	Kalar Road (ws)		
		6623 - 6871	Residential
		7549	Primerano's Auto Parts & Auto Sales
		7627 – 7913	Residential
1985	Kalar Road (es)		
		6268-6400	Residential
		6730	Falls Place Co-Operative Homes (Canada Mtge & Hsg) – Residential
		6950	Residential
		7302	Monteith R
		7640	Residential S & G Demolition
		7656	Residential
	Kalar Road (ws)		
		6623-6871	Residential
		7549	Primerano's Auto Parts & Auto Sales
		7627-7913	Residential

Notes:

- ss: south side, ns: north side.
- Highlighted properties indicate study site.
- Red text indicates a Potentially Contaminating Activity

Appendix D:

Ministry of Natural Resources Natural Heritage Map

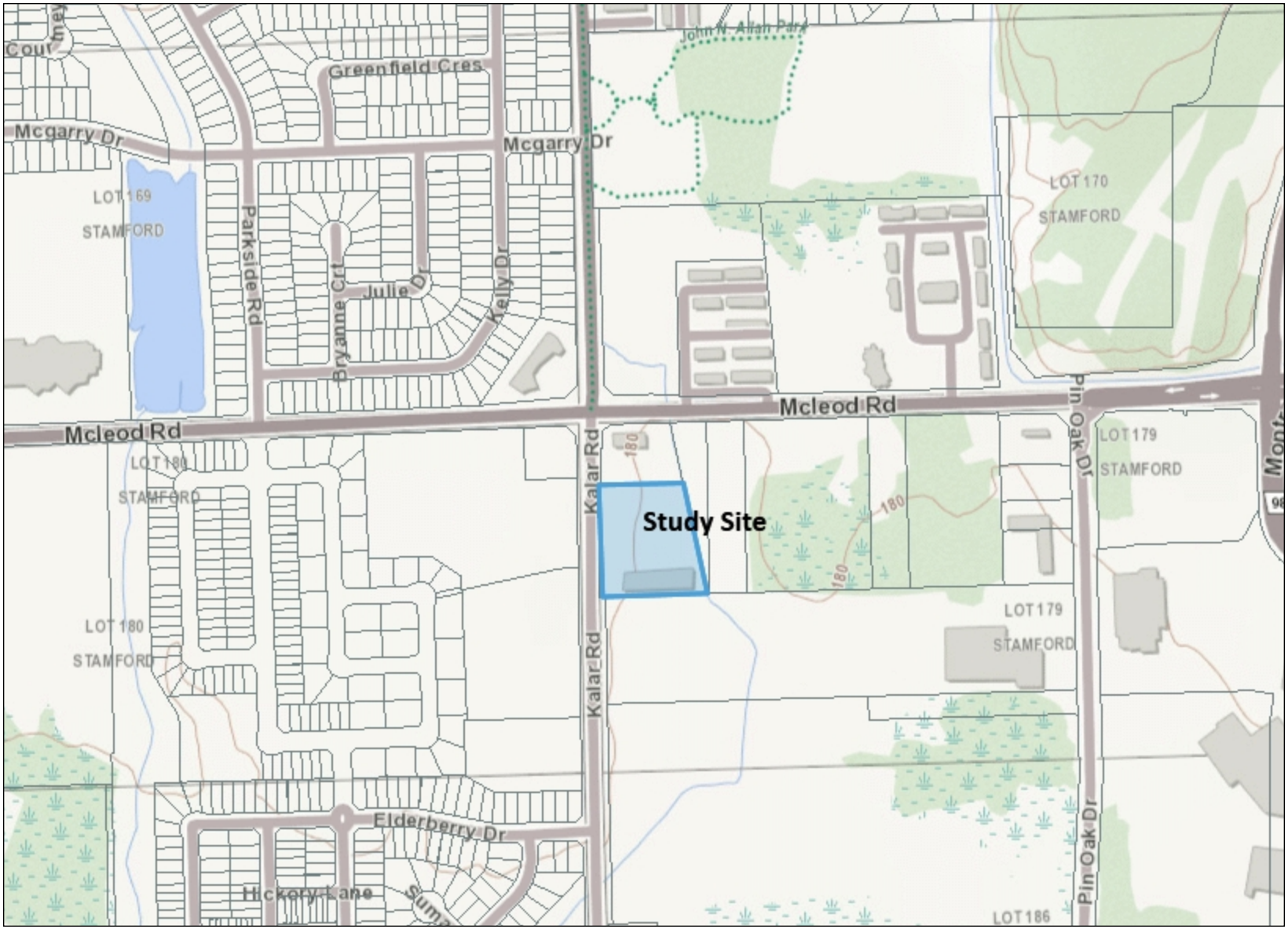
Ontario

MINISTRY OF NATURAL RESOURCES AND FORESTRY

Make a Topographic Map

7302 Kalar Road, Niagara Falls, ON

Notes:
E-23-35-1



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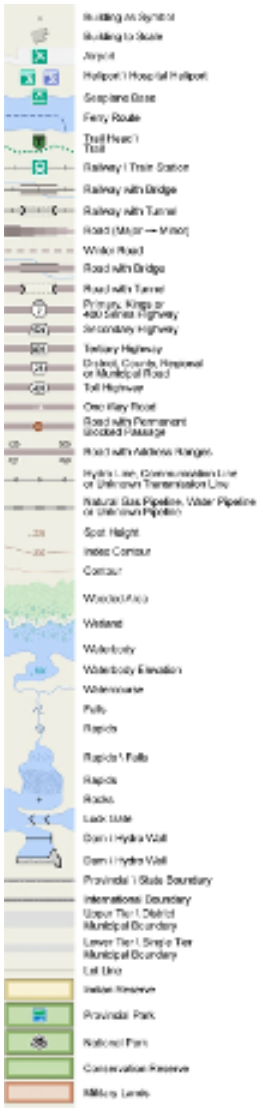
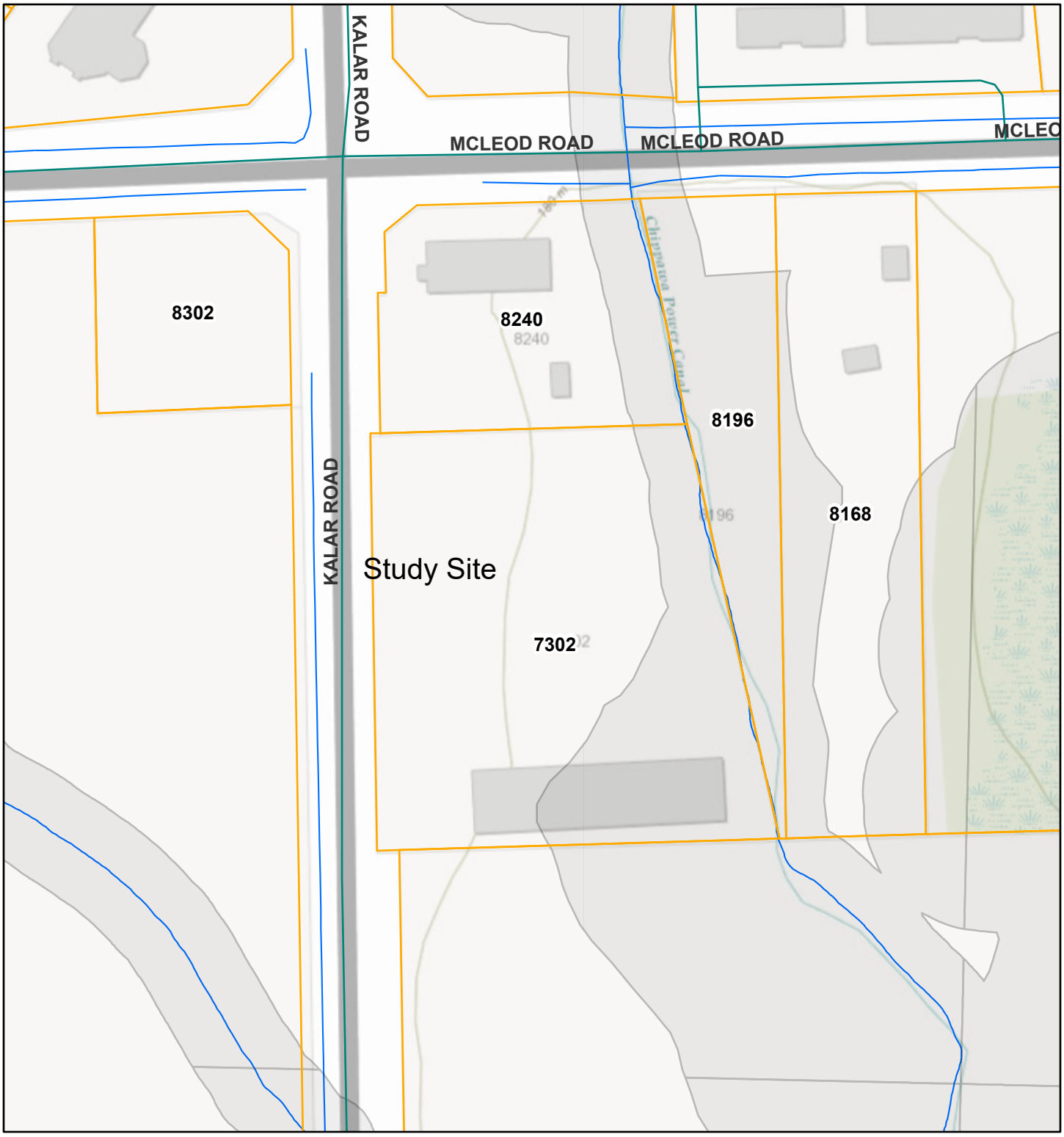


0 0.3 km

Projection: Web Mercator

The Ontario Ministry of Natural Resources and Forestry shall not be liable in any way for the use of, or reliance upon, this map or any information on this map. This map should not be used for: navigation, a plan of survey, routes, nor locations.

ArcGIS Web Map



7/17/2023, 5:15:57 PM

1:2,257

0 0.01 0.03 0.05 mi

0 0.02 0.04 0.08 km

- Roads
- Assessment Parcels
- NPCA APPROXIMATE REGULATION LANDS
- Watercourses 2K 2002

City of Niagara Falls, City of Welland, Niagara Region, Regional Municipality of Niagara, Province of Ontario, Ontario MNR, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, AAFC, NRCan

Appendix E:

EcoLog ERIS

DATABASE REPORT

Project Property:	*7302 Kalar Road, Niagara Falls, ON* *7302 Kalar Road* *Niagara Falls ON L2E 6S5*
Project No:	*E-23-35-1*
Report Type:	*Standard Report*
Order No:	*23070600002*
Requested by:	*Hallex Environmental Ltd.*
Date Completed:	*July 11, 2023*

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

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Executive Summary: Site Report Summary - Surrounding Properties.....10
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Executive Summary

Property Information:

Project Property:	*7302 Kalar Road, Niagara Falls, ON* *7302 Kalar Road Niagara Falls ON L2E 6S5*
Project No:	*E-23-35-1*

Coordinates:

Latitude:	*43.06866*
Longitude:	*-79.13463*
UTM Northing:	*4,770,128.00*
UTM Easting:	*651,875.68*
UTM Zone:	*17T*

Elevation:	*590 FT* *179.83 M*

Order Information:

Order No:	*23070600002*
Date Requested:	*July 6, 2023*
Requested by:	*Hallex Environmental Ltd.*
Report Type:	*Standard Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

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	4	4
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	2	2
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	1	8	9
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	1	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	5	6	11
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	2	2
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	16	21	37
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	6	6
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	8	8
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	1	1
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	3	0	3
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	1	1
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	7	9	16
	Total:		33	75	108

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	SCT	TRILLIUM LIFESTYLES INDUSTRIES	7302 KALAR RD NIAGARA FALLS ON L2E 6S5	-/0.0	0.00	31
1	SCT	Trillium Lifestyles Industries Ltd.	7302 Kalar Rd RR 2 Stn Main Niagara Falls ON L2E 6S5	-/0.0	0.00	31
1	CA	TRILLIUM LIFESTYLE INDUSTRIES INC.	7302 KALAR ROAD NIAGARA FALLS CITY ON	-/0.0	0.00	31
1	GEN	TRILLIUM LIFESTYLE INDUSTRIES	7302 KALAR ROAD NIAGARA FALLS ON L2E 6S5	-/0.0	0.00	31
1	GEN	YOUNG-EDWARDS ENTERPRISES LTD.	7302 KALAR ROAD NIAGARA FALLS ON L2E 6S5	-/0.0	0.00	32
1	SCT	Fidelity Leather & Vinyl Prod.	7302 Kalar Rd RR 2 Niagara Falls ON L2E 6S5	-/0.0	0.00	32
1	EHS		7302 Kalar Road Niagara Falls ON	-/0.0	0.00	33
1	GEN	Harper Regional Service Centre	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	33
1	EHS		7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Harper Regional Service Centre	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	33
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	34
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	34
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	35
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON	-/0.0	0.00	35
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	36
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	36
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	37
1	GEN	WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		7302 Kalar Rd Niagara Falls ON L2E 6S5	-/0.0	0.00	38
1	GEN	Wajax Niagara Falls	7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	38
1	EHS		7302 Kalar Rd Niagara Falls ON L2E 6S5	-/0.0	0.00	39
1	EHS		7302 Kalar Road Niagara Falls ON L2E 6S5	-/0.0	0.00	39
1	GEN	Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-/0.0	0.00	39
1	GEN	Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-/0.0	0.00	39
1	GEN	Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-/0.0	0.00	40
1	ECA	2131595 Ontario Inc.	7302 Kalar Rd Niagara Falls ON L0S 1E6	-/0.0	0.00	40
2	WWIS		7302 KALAR ROAD Niagara Falls ON ***Well ID:*** 7174667	WSW/17.8	0.00	41
2	WWIS		7302 KALAR ROAD Niagara Falls ON	WSW/17.8	0.00	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			Well ID: 7174666			
3	WWIS		7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161307	E/24.5	0.00	45
3	WWIS		7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161308	E/24.5	0.00	48
3	WWIS		7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161309	E/24.5	0.00	51
3	WWIS		7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161310	E/24.5	0.00	54
4	WWIS		7302 KALAR ROAD Niagara Falls ON ***Well ID:*** 7174665	SSW/45.1	0.00	57

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	WWIS		lot 179 ON ***Well ID:*** 6601375	E/61.7	0.00	59
6	WWIS		lot 179 ON ***Well ID:*** 6601374	NW/68.4	0.00	63
7	EHS		8196 McLeod Road Niagara Falls ON L2H 3N3	NE/98.2	0.00	66
8	EHS		8240 McLeod Rd Niagara Falls ON L2E 6S5	N/109.8	0.00	66
8	EHS		8240 McLeod Rd Niagara Falls ON L2E 6S5	N/109.8	0.00	66
9	WWIS		lot 179 ON ***Well ID:*** 6601379	NNW/128.6	0.00	66
10	WWIS		lot 179 ON ***Well ID:*** 6601376	E/134.3	0.00	70
11	WWIS		lot 179 ON ***Well ID:*** 6601380	NE/146.3	0.00	73
12	CA	876929 ONTARIO LIMITED-PT. LOT 170	MCLEOD RD./KALAR RD./PINK OAK NIAGARA FALLS CITY ON	NNW/155.7	0.00	76
12	CA	876929 ONTARIO LTD.-PT. 2 LOT 170	MCLEOD RD./KALAR RD. NIAGARA FALLS CITY ON	NNW/155.7	0.00	77
12	CA	MARVIN CHEESE	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW/155.7	0.00	77
12	CA	876929 ONTARIO LIMITED-PT. LOT 170	MCLEOD RD./KALAR RD./PIN OAK NIAGARA FALLS CITY ON	NNW/155.7	0.00	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	CA	876929 ONTARIO LTD.-PT. 2 LOT 170	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW/155.7	0.00	77
12	CA	MARVIN CHEESE	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW/155.7	0.00	78
12	CA	RIVER REALTY DEVELOPMENT (1976) INC.	KALAR RD./MCLEOD RD., SWM NIAGARA FALLS CITY ON	NNW/155.7	0.00	78
12	WDS	CANAM OIL SERVICES	MCLEOD RD. & KALAR ST. NIAGARA FALLS ON	NNW/155.7	0.00	78
12	GEN	BRESLUBE INC.	MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW/155.7	0.00	79
12	GEN	SAFETY-KLEEN CANADA INC. 06-070	MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW/155.7	0.00	80
12	GEN	SAFETY-KLEEN CANADA INC.	CORNER OF MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW/155.7	0.00	81
12	EHS		Kalar Rd Mcleod Rd Niagara Falls ON	NNW/155.7	0.00	81
13	WWIS		lot 179 ON ***Well ID:*** 6601381	NE/164.9	0.00	81
14	WWIS		8100 MCLEOD RD lot 179 NIAGARA Falls ON ***Well ID:*** 7348911	ENE/203.6	1.00	84
15	SPL	CANADIAN WASTE SERVICES INC.	8175 MCLEOD RD AT BROOKSIDE VILLAGE APT. BUILDING. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS CITY ON L2H 3A5	NE/218.9	1.00	87
16	EHS		8100 Mcleod Rd Niagara Falls ON L2H0Y7	E/219.7	0.00	88

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	WWIS		lot 179 ON ***Well ID:*** 6601377	ENE/224.3	1.00	88
18	NPCB	NIAGARA FALLS HYDRO COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	91
18	NPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	91
18	NPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120; 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	92
18	PRT	NIAGARA FALLS HYDRO	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	92
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	92
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	93
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	93
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	93
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	93
18	GEN	NIAGARA FALLS HYDRO ELECTRIC COMM	PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DR., P.O. BOX 120 NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	94
18	GEN	NIAGARA FALLS HYDRO ELECTRIC COMMISSION	7447 PIN OAK DRIVE PIN OAK DRIVE SERVICE CENTRE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	95
18	GEN	NIAGARA FALLS HYDRO ELECTRIC COMMISSION	PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	95

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	NIAGARA FALLS HYDRO INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	96
18	OPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	97
18	FSTH	NIAGARA FALLS HYDRO ELECTRIC COMMISION J JOHNSON	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	97
18	FSTH	NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	97
18	NPCB	NIAGARA FALLS BRIDGE COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	98
18	NPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISSION	POBOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	98
18	NPCB	NIAGARA FALLS HYDRO ELECTRIC COMMISSION	PO BOX 120 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	98
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	98
18	CA	Niagara Falls Hydro	7447 Pinoak Drive Niagara Falls ON L2E 6S5	ESE/226.5	0.00	99
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	99
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	100
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	101
18	FST	NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA ON	ESE/226.5	0.00	102

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	FST	NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA ON	ESE/226.5	0.00	102
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE/226.5	0.00	103
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON	ESE/226.5	0.00	104
18	PINC	NISUS CONSTRUCTION LTD	7447 PIN OAK DR,,NIAGARA FALLS,ON, L2E 6S9,CA ON	ESE/226.5	0.00	105
18	OPCB	Niagara Peninsula Energy Inc.	7447 Pinoak Dr. P.O.Box 120 Niagara Falls ON L2E 6S9	ESE/226.5	0.00	105
18	OPCB	Niagara Peninsula Energy Inc.	7447 Pinoak Dr. P.O.Box 120 Niagara Falls ON L2E 6S9	ESE/226.5	0.00	105
18	ECA	Niagara Falls Hydro	7447 Pinoak Drive Niagara Falls ON L2E 6S9	ESE/226.5	0.00	106
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	106
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	107
18	GEN	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	108
18	GEN	NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	109
18	GEN	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	110
18	GEN	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	111

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	REC	NIAGARA FALLS HYDRO ELECTRIC	COMMISSION 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	112
18	GEN	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE/226.5	0.00	112
19	GEN	monarch dentistry -kalar	7107 Kalar Rd, Unit 3 Niagara Falls ON L2H 2Y6	NW/236.9	1.00	113
20	ANDR	Kalar Rd junkyard N1 1976	Niagara Falls ON L2E 6S4	SSW/244.3	0.00	114
20	ANDR	Kalar Rd junkyard N1 1980	Niagara Falls ON L2E 6S4	SSW/244.3	0.00	114
20	ANDR	Kalar Rd junkyard N1 1970	Niagara Falls ON L2E 6S4	SSW/244.3	0.00	115
20	ANDR	Kalar Rd junkyard N1 1970	Niagara Falls ON L2E 6S4	SSW/244.3	0.00	115
20	AUWR	AA AUTO PARTS	7549 KALAR RD NIAGARA FALLS ON L2E 6S5	SSW/244.3	0.00	116
20	EHS		7549 Kalar Rd Niagara Falls ON L2E 6S5	SSW/244.3	0.00	116
20	RSC	2124484 Ontario Ltd.	7549 KALAR RD, NIAGARA FALLS, ON, L2E 6S5 ON L2E 6S5	SSW/244.3	0.00	116
20	AUWR	AA AUTO PARTS	7549 KALAR RD NIAGARA FALLS ON L2H3T7	SSW/244.3	0.00	117
20	WWIS		7549 Kalar Rd Niagara Falls ON ***Well ID:*** 7421326	SSW/244.3	0.00	117

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 4 ANDR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Kalar Rd junkyard N1 1976	Niagara Falls ON L2E 6S4	SSW	244.31	20
Kalar Rd junkyard N1 1980	Niagara Falls ON L2E 6S4	SSW	244.31	20
Kalar Rd junkyard N1 1970	Niagara Falls ON L2E 6S4	SSW	244.31	20
Kalar Rd junkyard N1 1970	Niagara Falls ON L2E 6S4	SSW	244.31	20

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Feb 28, 2022 has found that there are 2 AUWR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
AA AUTO PARTS	7549 KALAR RD NIAGARA FALLS ON L2E 6S5	SSW	244.31	20
AA AUTO PARTS	7549 KALAR RD NIAGARA FALLS ON L2H3T7	SSW	244.31	20

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TRILLIUM LIFESTYLE INDUSTRIES INC.	7302 KALAR ROAD NIAGARA FALLS CITY ON	-	0.00	1
876929 ONTARIO LIMITED-PT. LOT 170	MCLEOD RD./KALAR RD./PINK OAK NIAGARA FALLS CITY ON	NNW	155.66	12
876929 ONTARIO LTD.-PT. 2 LOT 170	MCLEOD RD./KALAR RD. NIAGARA FALLS CITY ON	NNW	155.66	12
RIVER REALTY DEVELOPMENT (1976) INC.	KALAR RD./MCLEOD RD., SWM NIAGARA FALLS CITY ON	NNW	155.66	12
876929 ONTARIO LIMITED-PT. LOT 170	MCLEOD RD./KALAR RD./PIN OAK NIAGARA FALLS CITY ON	NNW	155.66	12
876929 ONTARIO LTD.-PT. 2 LOT 170	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW	155.66	12
MARVIN CHEESE	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW	155.66	12
MARVIN CHEESE	KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	NNW	155.66	12
Niagara Falls Hydro	7447 Pinoak Drive Niagara Falls ON L2E 6S5	ESE	226.52	18

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2023 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2131595 Ontario Inc.	7302 Kalar Rd Niagara Falls ON L0S 1E6	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Niagara Falls Hydro	7447 Pinoak Drive Niagara Falls ON L2E 6S9	ESE	226.52	18

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2023 has found that there are 11 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
	7302 Kalar Rd Niagara Falls ON L2E 6S5	-	0.00	1
	7302 Kalar Rd Niagara Falls ON L2E 6S5	-	0.00	1
	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
	7302 Kalar Road Niagara Falls ON	-	0.00	1
	8196 McLeod Road Niagara Falls ON L2H 3N3	NE	98.19	7
	8240 McLeod Rd Niagara Falls ON L2E 6S5	N	109.79	8
	8240 McLeod Rd Niagara Falls ON L2E 6S5	N	109.79	8
	Kalar Rd Mcleod Rd Niagara Falls ON	NNW	155.66	12

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	8100 Mcleod Rd Niagara Falls ON L2H0Y7	E	219.67	16
	7549 Kalar Rd Niagara Falls ON L2E 6S5	SSW	244.31	20

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA ON	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA ON	ESE	226.52	18

FSTH - Fuel Storage Tank - Historic

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA FALLS HYDRO ELECTRIC COMMISION J JOHNSON	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE	226.52	18

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 37 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TRILLIUM LIFESTYLE INDUSTRIES	7302 KALAR ROAD NIAGARA FALLS ON L2E 6S5	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
YOUNG-EDWARDS ENTERPRISES LTD.	7302 KALAR ROAD NIAGARA FALLS ON L2E 6S5	-	0.00	1
Harper Regional Service Centre	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
Harper Regional Service Centre	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
WAJAX POWER SYSTEMS	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Wajax Niagara Falls	7302 Kalar Road Niagara Falls ON L2E 6S5	-	0.00	1
Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-	0.00	1
Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-	0.00	1
Coach Canada	7302 Kalar Rd Niagara Falls ON L2E 6S5	-	0.00	1
BRESLUBE INC.	MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW	155.66	12
SAFETY-KLEEN CANADA INC. 06-070	MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW	155.66	12
SAFETY-KLEEN CANADA INC.	CORNER OF MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	NNW	155.66	12
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMM	PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DR., P.O. BOX 120 NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISSION	7447 PIN OAK DRIVE PIN OAK DRIVE SERVICE CENTRE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISSION	PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA PENINSULA ENERGY INC.	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
monarch dentistry -kalar	7107 Kalar Rd, Unit 3 Niagara Falls ON L2H 2Y6	NW	236.89	19

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 6 NPCB site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA FALLS HYDRO ELECTRIC COMMISSION	PO BOX 120 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISSION	POBOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120; 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS BRIDGE COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISSION	7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	ESE	226.52	18

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 8 OPCB site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Niagara Peninsula Energy Inc.	7447 Pinoak Dr. P.O.Box 120 Niagara Falls ON L2E 6S9	ESE	226.52	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Niagara Peninsula Energy Inc.	7447 Pinoak Dr. P.O.Box 120 Niagara Falls ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18
NIAGARA FALLS HYDRO ELECTRIC COMMISION	P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	ESE	226.52	18

PINC - Pipeline Incidents

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NISUS CONSTRUCTION LTD	7447 PIN OAK DR,,NIAGARA FALLS, ON,L2E 6S9,CA ON	ESE	226.52	18

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA FALLS HYDRO	7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	ESE	226.52	18

REC - Ontario Regulation 347 Waste Receivers Summary

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NIAGARA FALLS HYDRO ELECTRIC	COMMISSION 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	ESE	226.52	18

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2023 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2124484 Ontario Ltd.	7549 KALAR RD, NIAGARA FALLS, ON, L2E 6S5 ON L2E 6S5	SSW	244.31	20

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TRILLIUM LIFESTYLES INDUSTRIES	7302 KALAR RD NIAGARA FALLS ON L2E 6S5	-	0.00	1
Trillium Lifestyles Industries Ltd.	7302 Kalar Rd RR 2 Stn Main Niagara Falls ON L2E 6S5	-	0.00	1
Fidelity Leather & Vinyl Prod.	7302 Kalar Rd RR 2 Niagara Falls ON L2E 6S5	-	0.00	1

SPL - Ontario Spills

A search of the SPL database, dated 1988-Oct 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the

project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CANADIAN WASTE SERVICES INC.	8175 MCLEOD RD AT BROOKSIDE VILLAGE APT. BUILDING. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS CITY ON L2H 3A5	NE	218.93	15

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011- May 31, 2023 has found that there are 1 WDS site(s) within approximately 0.25 kilometers of the project property.

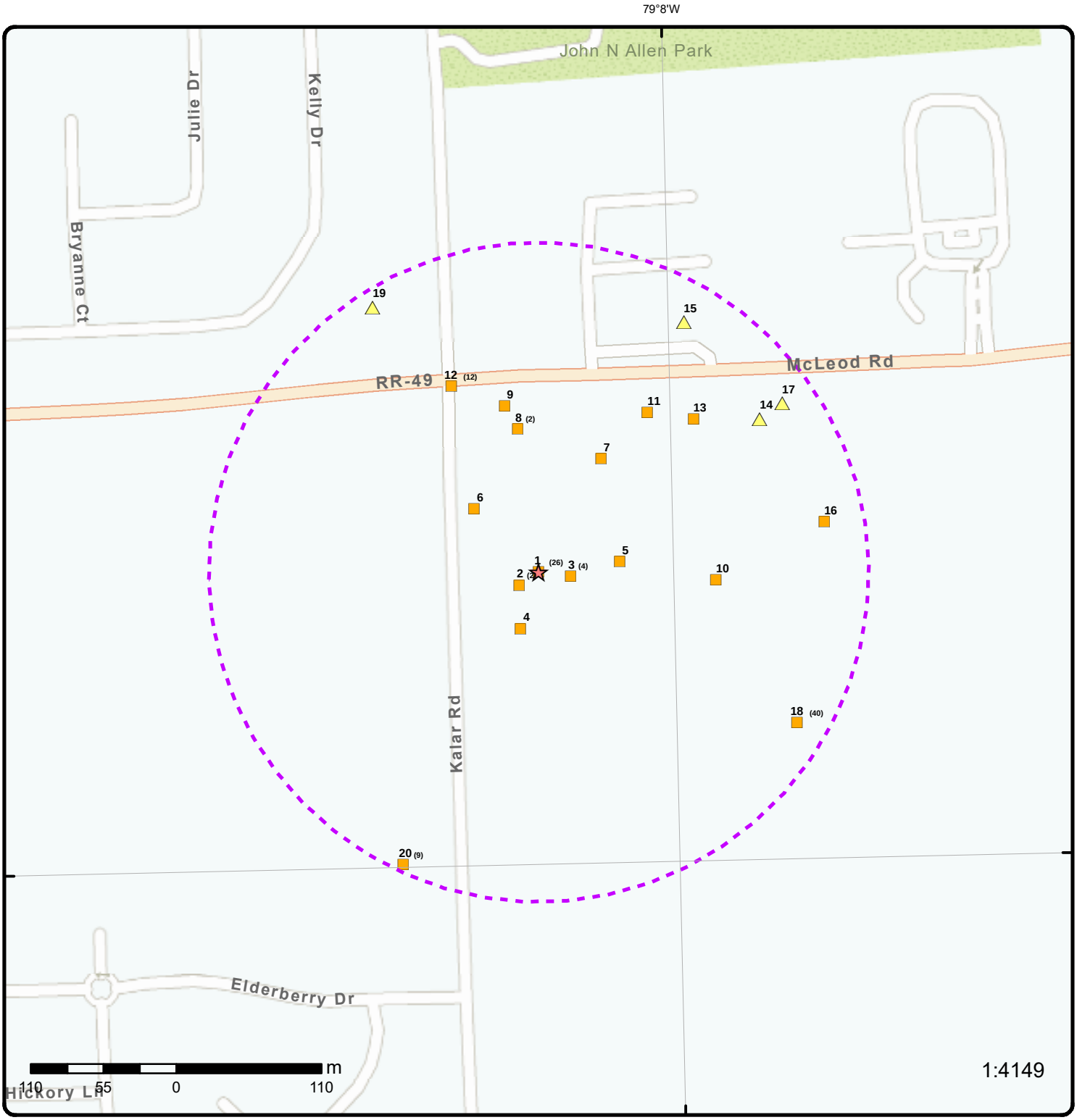
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CANAM OIL SERVICES	MCLEOD RD. & KALAR ST. NIAGARA FALLS ON	NNW	155.66	12

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	7302 KALAR ROAD Niagara Falls ON ***Well ID:*** 7174667	WSW	17.76	2
	7302 KALAR ROAD Niagara Falls ON ***Well ID:*** 7174666	WSW	17.76	2
	7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161307	E	24.50	3
	7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161308	E	24.50	3
	7302 KALAR RD NIAGARA FALLS ON ***Well ID:*** 7161309	E	24.50	3
	7302 KALAR RD NIAGARA FALLS ON	E	24.50	3

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7161310			
	7302 KALAR ROAD Niagara Falls ON ***Well ID:*** 7174665	SSW	45.12	4
	lot 179 ON ***Well ID:*** 6601375	E	61.74	5
	lot 179 ON ***Well ID:*** 6601374	NW	68.44	6
	lot 179 ON ***Well ID:*** 6601379	NNW	128.61	9
	lot 179 ON ***Well ID:*** 6601376	E	134.35	10
	lot 179 ON ***Well ID:*** 6601380	NE	146.29	11
	lot 179 ON ***Well ID:*** 6601381	NE	164.91	13
	8100 MCLEOD RD lot 179 NIAGARA Falls ON ***Well ID:*** 7348911	ENE	203.60	14
	lot 179 ON ***Well ID:*** 6601377	ENE	224.32	17
	7549 Kalar Rd Niagara Falls ON ***Well ID:*** 7421326	SSW	244.31	20



Map: 0.25 Kilometer Radius

Order Number: 23070600002

Address: 7302 Kalar Road, Niagara Falls, 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°7'30"W

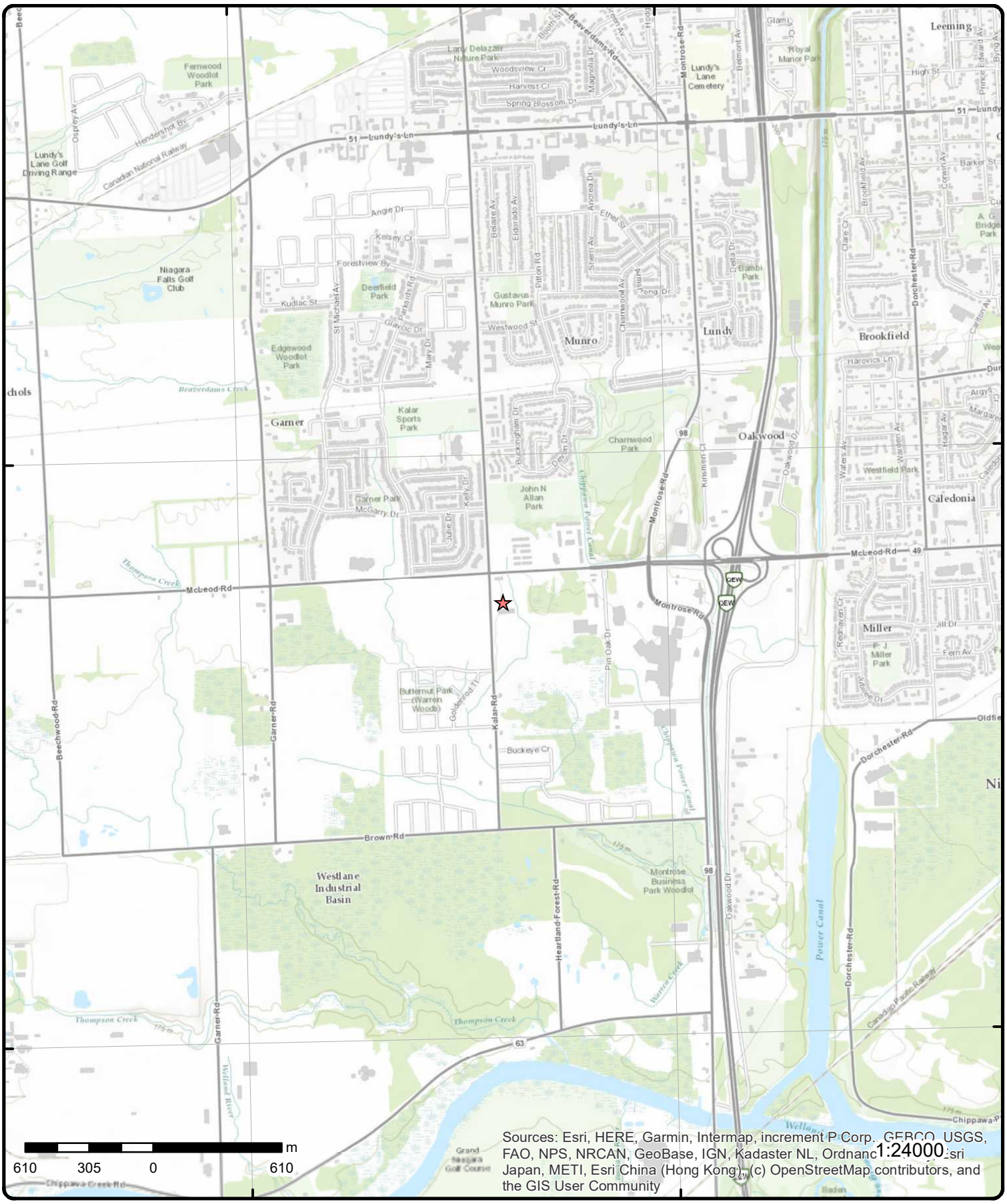
43°4'30"N

Aerial **Year: 2021**

Order Number: 23070600002

Address: 7302 Kalar Road, Niagara Falls, ON

Source: ESRI World Imagery



Topographic Map

Address: 7302 Kalar Road, ON

Source: ESRI World Topographic Map

Order Number: 23070600002

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 26	-/0.0	179.8 / 0.00	TRILLIUM LIFESTYLES INDUSTRIES 7302 KALAR RD NIAGARA FALLS ON L2E 6S5	SCT

Established: 1992
Plant Size (ft²): 20000
Employment: 22

--Details--
Description: METAL HOUSEHOLD FURNITURE
SIC/NAICS Code: 2514

Description: Household Furniture (except Wood and Upholstered) Manufacturing
SIC/NAICS Code: 337126

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 26	-/0.0	179.8 / 0.00	Trillium Lifestyles Industries Ltd. 7302 Kalar Rd RR 2 Stn Main Niagara Falls ON L2E 6S5	SCT

Established: 1992
Plant Size (ft²): 20000
Employment: 12

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 26	-/0.0	179.8 / 0.00	TRILLIUM LIFESTYLE INDUSTRIES INC. 7302 KALAR ROAD NIAGARA FALLS CITY ON	CA

Certificate #: 8-2341-95-006
Application Year: 95
Issue Date: 10/3/95
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: DEVILBISS PROCLEAN PAINT ARRESTOR
Contaminants: Suspended Particulate Matter, Xylene
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 26	-/0.0	179.8 / 0.00	TRILLIUM LIFESTYLE INDUSTRIES 7302 KALAR ROAD NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON2025600
SIC Code: 3771
SIC Description: TOILET PREP. IND.
Approval Years: 95,96,97,98,99,00,01,02,03,04
PO Box No:

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

Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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
1	5 of 26	-/0.0	179.8 / 0.00	***YOUNG-EDWARDS ENTERPRISES LTD.*** ***7302 KALAR ROAD*** ***NIAGARA FALLS ON L2E 6S5***	***GEN***

Generator No: ON2679400
SIC Code: 3199
SIC Description: OTHER MACHINERY
Approval Years: 01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	6 of 26	-/0.0	179.8 / 0.00	***Fidelity Leather & Vinyl Prod.*** ***7302 Kalar Rd RR 2*** ***Niagara Falls ON L2E 6S5***	***SCT***

Established: 1960
Plant Size (ft²):
Employment:

--Details--
Description: Other Men's and Boys' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315229

Description: Other Women's and Girls' Cut and Sew Clothing Manufacturing
SIC/NAICS Code: 315239

Description: Other Leather and Allied Product Manufacturing
SIC/NAICS Code: 316990

Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Description: Cut and Sew Clothing Contracting
SIC/NAICS Code: 315210

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	7 of 26	-/0.0	179.8 / 0.00	7302 Kalar Road Niagara Falls ON	EHS

Order No:	20070129023	**Nearest Intersection:**	Kalar Rd & McLeod Rd
Status:	C	**Municipality:**	Niagara
Report Type:	CAN - Complete Report	**Client Prov/State:**	
Report Date:	2/7/2007	**Search Radius (km):**	0.25
Date Received:	1/29/2007	**X:**	-79.134943
Previous Site Name:		**Y:**	43.06834
Lot/Building Size:	3.2 acres		
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Title Search		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	8 of 26	-/0.0	179.8 / 0.00	Harper Regional Service Centre 7302 Kalar Road Niagara Falls ON L2E 6S5	GEN

Generator No:	ON3461938
SIC Code:	811199
SIC Description:	All Other Automotive Repair and Maintenance
Approval Years:	07,08
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 26	-/0.0	179.8 / 0.00	7302 Kalar Road Niagara Falls ON L2E 6S5	EHS

Order No:	20101111012	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	11/22/2010	**Search Radius (km):**	0.25
Date Received:	11/11/2010 10:28:26 AM	**X:**	-79.134777
Previous Site Name:		**Y:**	43.068024
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 26	-/0.0	179.8 / 0.00	Harper Regional Service Centre 7302 Kalar Road Niagara Falls ON L2E 6S5	GEN

Generator No:	ON3461938
SIC Code:	811199
SIC Description:	All Other Automotive Repair and Maintenance
Approval Years:	2009
PO Box No:	
Country:	
Status:	

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

Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

1	11 of 26	-/0.0	179.8 / 0.00	***WAJAX POWER SYSTEMS*** ***7302 Kalar Road*** ***Niagara Falls ON L2E 6S5***	***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: All Other Automotive Repair and Maintenance
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

1	12 of 26	-/0.0	179.8 / 0.00	***WAJAX POWER SYSTEMS*** ***7302 Kalar Road*** ***Niagara Falls ON L2E 6S5***	***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: All Other Automotive Repair and Maintenance
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

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1 | ***13 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***WAJAX POWER SYSTEMS***
7302 Kalar Road
Niagara Falls ON L2E 6S5 | ***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: All Other Automotive Repair and Maintenance
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

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

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1 | ***14 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***WAJAX POWER SYSTEMS***
7302 Kalar Road
Niagara Falls ON | ***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

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

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1 | ***15 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***WAJAX POWER SYSTEMS***
7302 Kalar Road
Niagara Falls ON L2E 6S5 | ***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

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

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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1 | ***16 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***WAJAX POWER SYSTEMS***
7302 Kalar Road
Niagara Falls ON L2E 6S5 | ***GEN***

Generator No: ON3461938
SIC Code: 811199
SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

Waste Class: 221
Waste Class Name: LIGHT FUELS

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

1	17 of 26	-/0.0	179.8 / 0.00	**WAJAX POWER SYSTEMS** **7302 Kalar Road** **Niagara Falls ON L2E 6S5**	GEN

Generator No: ON3461938
SIC Code: 811199
SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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

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

1	18 of 26	-/0.0	179.8 / 0.00	**WAJAX POWER SYSTEMS** **7302 Kalar Road** **Niagara Falls ON L2E 6S5**	GEN

Generator No: ON3461938
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:

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

Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

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

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

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1 | ***19 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***7302 Kalar Rd***
Niagara Falls ON L2E 6S5 | ***EHS***

Order No: 20180816173
Status: C
Report Type: RSC Report (Urban)
Report Date: 23-AUG-18
Date Received: 16-AUG-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: OH
Search Radius (km): .3
X: -79.134652
Y: 43.068641

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1 | ***20 of 26*** | ***-/0.0*** | ***179.8 / 0.00*** | ***Wajax Niagara Falls***
7302 Kalar Road
Niagara Falls ON L2E 6S5 | ***GEN***

Generator No: ON3461938
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 213 I
Waste Class Name: Petroleum distillates

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

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

Waste Class: 221 I
Waste Class Name: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	21 of 26	-/0.0	179.8 / 0.00	7302 Kalar Rd Niagara Falls ON L2E 6S5	EHS

Order No: 20190613106
Status: C
Report Type: Standard Express Report
Report Date: 13-JUN-19
Date Received: 13-JUN-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.134699
Y: 43.068767

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	22 of 26	-/0.0	179.8 / 0.00	7302 Kalar Road Niagara Falls ON L2E 6S5	EHS

Order No: 20191004011
Status: C
Report Type: Standard Report
Report Date: 09-OCT-19
Date Received: 04-OCT-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.134699
Y: 43.068767

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	23 of 26	-/0.0	179.8 / 0.00	Coach Canada 7302 Kalar Rd Niagara Falls ON L2E 6S5	GEN

Generator No: ON5958948
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

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

Waste Class: 221 I
Waste Class Name: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	24 of 26	-/0.0	179.8 / 0.00	Coach Canada 7302 Kalar Rd Niagara Falls ON L2E 6S5	GEN

Generator No: ON5958948

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

SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 221 I
Waste Class Name: Light fuels

1	***25 of 26***	***-/0.0***	***179.8 / 0.00***	***Coach Canada*** ***7302 Kalar Rd*** ***Niagara Falls ON L2E 6S5***	***GEN***

Generator No: ON5958948
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 221 I
Waste Class Name: LIGHT FUELS

Waste Class: 212 L
Waste Class Name: ALIPHATIC SOLVENTS

1	***26 of 26***	***-/0.0***	***179.8 / 0.00***	***2131595 Ontario Inc.*** ***7302 Kalar Rd*** ***Niagara Falls ON L0S 1E6***	***ECA***

Approval No: 9472-CESJCK ***MOE District:*** Niagara

Approval Date:	May 31, 2022	**City:**	
Status:	Approved	**Longitude:**	-79.13462
Record Type:	ECA	**Latitude:**	43.068655
Link Source:	IDS	**Geometry X:**	-8809225.6024999991
SWP Area Name:	Niagara Peninsula	**Geometry Y:**	5322427.6831

Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: 2131595 Ontario Inc.
Address: 7302 Kalar Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2716-C7BQM6-14.pdf
PDF Site Location: 7302 Kalar Road
City of Niagara Falls, Regional Municipality of Niagara
L2E 6S5

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2 | **1 of 2** | **WSW/17.8** | **179.8 / 0.00** | **7302 KALAR ROAD, Niagara Falls ON** | **WWIS**

Well ID:	7174667	**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:**	01/09/2012
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z143472	**Contractor:**	7241
Tag:	A114392	**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: NIAGARA FALLS CITY (STAMFORD)
Site Info: WKQ-004435 A0-A0

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7174667.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/24/2011
Year Completed: 2011
Depth (m):
Latitude: 43.0685729689816
Longitude: -79.1348129936034
Path: 717\7174667.pdf

Bore Hole Information

Bore Hole ID:	1003630632	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651861.00
Code OB Desc:		**North83:**	4770118.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/24/2011	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		

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

Annular Space/Abandonment Sealing Record

Plug ID: 1004056263
Layer: 1
Plug From: 30.0
Plug To: 0.5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004056262
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1004056254
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004056258
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: 1004056259
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: 1004056257
Layer:
Kind Code:
Kind:

Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004056256
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID:	1003630632	**Tag No:**	A114392
Depth M:		**Contractor:**	7241
Year Completed:	2011	**Latitude:**	43.0685729689816
Well Completed Dt:	11/24/2011	**Longitude:**	-79.1348129936034
Audit No:	Z143472	**Y:**	43.068572964788025
Path:	717\7174667.pdf	**X:**	-79.13481284478391

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2 | ***2 of 2*** | ***WSW/17.8*** | ***179.8 / 0.00*** | ***7302 KALAR ROAD Niagara Falls ON*** | ***WWIS***

Well ID:	7174666	**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:**	01/09/2012
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z143470	**Contractor:**	7241
Tag:	A115809	**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: NIAGARA FALLS CITY (STAMFORD)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7174666.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/24/2011
Year Completed: 2011
Depth (m):
Latitude: 43.0685729689816
Longitude: -79.1348129936034
Path: 717\7174666.pdf

Bore Hole Information

Bore Hole ID:	1003630630	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		**East83:**	651861.00
Code OB Desc:		**North83:**	4770118.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/24/2011	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1004056253
Layer: 2
Plug From: 0.5
Plug To: 0.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004056252
Layer: 1
Plug From: 30.0
Plug To: 0.5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004056251
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004056243
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004056247
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:	1004056248
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:	1004056246
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1004056245
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1003630630	**Tag No:**	A115809
Depth M:		**Contractor:**	7241
Year Completed:	2011	**Latitude:**	43.0685729689816
Well Completed Dt:	11/24/2011	**Longitude:**	-79.1348129936034
Audit No:	Z143470	**Y:**	43.068572964788025
Path:	717\7174666.pdf	**X:**	-79.13481284478391

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3 | ***1 of 4*** | ***E/24.5*** | ***179.8 / 0.00*** | ***7302 KALAR RD NIAGARA FALLS ON*** | ***WWIS***

Well ID:	7161307	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	04/05/2011
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z130923	**Contractor:**	7241
Tag:	A114392	**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:	NIAGARA FALLS CITY (STAMFORD)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7161307.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/29/2011
Year Completed:	2011
Depth (m):	8.8392
Latitude:	43.0686281636935
Longitude:	-79.1343323249563
Path:	716\7161307.pdf

Bore Hole Information

Bore Hole ID:	1003493368	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	651900.00
Code OB Desc:		***North83:***	4770125.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	03/29/2011	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr

Loc 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:	1003827620
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	20.0
Formation End Depth:	29.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003827619
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003827628
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003827629
Layer:	2
Plug From:	1.0
Plug To:	18.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003827630
Layer:	3
Plug From:	18.0
Plug To:	29.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003827626
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1003827618
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003827623
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	19.0
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1003827624
Layer:	1
Slot:	10

Screen Top Depth:	19.0
Screen End Depth:	29.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Water Details

Water ID:	1003827622
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003827621
Diameter:	3.25
Depth From:	0.0
Depth To:	29.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1003493368	**Tag No:**	A114392
Depth M:	8.8392	**Contractor:**	7241
Year Completed:	2011	**Latitude:**	43.0686281636935
Well Completed Dt:	03/29/2011	**Longitude:**	-79.1343323249563
Audit No:	Z130923	**Y:**	43.06862816015329
Path:	716\7161307.pdf	**X:**	-79.13433217618642

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3 | ***2 of 4*** | ***E/24.5*** | ***179.8 / 0.00*** | ***7302 KALAR RD NIAGARA FALLS ON*** | ***WWIS***

Well ID:	7161308	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	04/05/2011
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z130924	**Contractor:**	7241
Tag:	A115809	**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:	NIAGARA FALLS CITY (STAMFORD)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7161308.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/29/2011
Year Completed: 2011
Depth (m): 9.144
Latitude: 43.0686281636935
Longitude: -79.1343323249563
Path: 716\7161308.pdf

Bore Hole Information

Bore Hole ID:	1003493370	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651900.00
Code OB Desc:		**North83:**	4770125.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	03/29/2011	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

Loc 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: 1003827650
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003827651
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 20.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1003827659
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003827661
Layer:	3
Plug From:	19.0
Plug To:	30.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003827660
Layer:	2
Plug From:	1.0
Plug To:	19.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003827657
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1003827649
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003827654
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	20.0
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1003827655
Layer:	1
Slot:	10
Screen Top Depth:	20.0
Screen End Depth:	30.0
Screen Material:	5

Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 1003827653
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003827652
Diameter: 3.25
Depth From: 0.0
Depth To: 30.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1003493370
Depth M: 9.144
Year Completed: 2011
Well Completed Dt: 03/29/2011
Audit No: Z130924
Path: 716\7161308.pdf
Tag No: A115809
Contractor: 7241
Latitude: 43.0686281636935
Longitude: -79.1343323249563
Y: 43.06862816015329
X: -79.13433217618642

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3 | **3 of 4** | **E/24.5** | **179.8 / 0.00** | **7302 KALAR RD NIAGARA FALLS ON** | **WWIS**

Well ID: 7161309
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: 0
Water Type:
Casing Material:
Audit No: Z130928
Tag: A115810
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NIAGARA FALLS CITY (STAMFORD)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 04/05/2011
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7161309.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/29/2011
Year Completed: 2011

Depth (m): 9.144
Latitude: 43.0686281636935
Longitude: -79.1343323249563
Path: 716\7161309.pdf

Bore Hole Information

Bore Hole ID: 1003493372
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/29/2011
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 651900.00
North83: 4770125.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr
Loc 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: 1003827664
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 20.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003827663
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827672

Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827674
Layer: 3
Plug From: 19.0
Plug To: 30.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827673
Layer: 2
Plug From: 1.0
Plug To: 19.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003827670
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1003827662
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003827667
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 20.0
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003827668
Layer: 1
Slot: 10
Screen Top Depth: 20.0
Screen End Depth: 30.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID:	1003827666
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003827665
Diameter:	3.25
Depth From:	0.0
Depth To:	30.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1003493372	***Tag No:***	A115810
Depth M:	9.144	***Contractor:***	7241
Year Completed:	2011	***Latitude:***	43.0686281636935
Well Completed Dt:	03/29/2011	***Longitude:***	-79.1343323249563
Audit No:	Z130928	***Y:***	43.06862816015329
Path:	716\7161309.pdf	***X:***	-79.13433217618642

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3 ***4 of 4*** ***E/24.5*** ***179.8 / 0.00*** ***7302 KALAR RD NIAGARA FALLS ON*** ***WWIS***

Well ID:	7161310	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	0	***Date Received:***	04/05/2011
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z130929	***Contractor:***	7241
Tag:	A114393	***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:	NIAGARA FALLS CITY (STAMFORD)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7161310.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/29/2011
Year Completed:	2011
Depth (m):	9.144
Latitude:	43.0686281636935
Longitude:	-79.1343323249563

Path: 716\7161310.pdf

Bore Hole Information

Bore Hole ID:	1003493374	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651900.00
Code OB Desc:		**North83:**	4770125.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	03/29/2011	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

Loc 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: 1003827692
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 20.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003827691
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827701
Layer: 2
Plug From: 1.0
Plug To: 19.0

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827700
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003827702
Layer: 3
Plug From: 19.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003827698
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1003827690
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003827695
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 20.0
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003827696
Layer: 1
Slot: 10
Screen Top Depth: 20.0
Screen End Depth: 30.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 1003827694
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003827693
Diameter: 3.25
Depth From: 0.0
Depth To: 30.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1003493374
Depth M: 9.144
Year Completed: 2011
Well Completed Dt: 03/29/2011
Audit No: Z130929
Path: 716\7161310.pdf
Tag No: A114393
Contractor: 7241
Latitude: 43.0686281636935
Longitude: -79.1343323249563
Y: 43.06862816015329
X: -79.13433217618642

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4 | ***1 of 1*** | ***SSW/45.1*** | ***179.8 / 0.00*** | ***7302 KALAR ROAD Niagara Falls ON*** | ***WWIS***

Well ID: 7174665
Construction Date:
Use 1st: Monitoring and Test Hole
Use 2nd: 0
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z143471
Tag: A115810
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NIAGARA FALLS CITY (STAMFORD)
Site Info: WKQ-004435 A0-A0
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 01/09/2012
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
County: NIAGARA (WELLAND)
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7174665.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/20/2011
Year Completed: 2011
Depth (m):
Latitude: 43.0682757621582
Longitude: -79.1348097263985
Path: 717\7174665.pdf

Bore Hole Information

Bore Hole ID:	1003630628	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	651862.00
Code OB Desc:		***North83:***	4770085.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/20/2011	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1004056231
Layer: 1
Plug From: 30.0
Plug To: 0.5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004056230
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1004056222
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004056226
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: 1004056227
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: 1004056225
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004056224
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID:	1003630628	***Tag No:***	A115810
Depth M:		***Contractor:***	7241
Year Completed:	2011	***Latitude:***	43.0682757621582
Well Completed Dt:	11/20/2011	***Longitude:***	-79.1348097263985
Audit No:	Z143471	***Y:***	43.06827575790253
Path:	717\7174665.pdf	***X:***	-79.13480957673896

5 ***1 of 1*** ***E/61.7*** ***179.8 / 0.00*** ***lot 179 ON*** ***WWIS***

Well ID:	6601375	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/16/1954
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5425
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601375.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/18/1954
Year Completed: 1954

Depth (m):	13.1064
Latitude:	43.0687197776778
Longitude:	-79.1338763422797
Path:	660\6601375.pdf

Bore Hole Information

Bore Hole ID:	10461109	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651936.90
Code OB Desc:		**North83:**	4770136.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/18/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Loc 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:	932591503
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591504
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591502

Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591505
Layer:	5
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591501
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601375
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009679
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930749038
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	29.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749039
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	43.0
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:	996601375
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	28.0
Recommended Pump Depth:	
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948654
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461109	***Tag No:***	
Depth M:	13.1064	***Contractor:***	5425
Year Completed:	1954	***Latitude:***	43.0687197776778
Well Completed Dt:	05/18/1954	***Longitude:***	-79.1338763422797
Audit No:		***Y:***	43.06871977411468
Path:	660\6601375.pdf	***X:***	-79.13387619328199

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	NW/68.4	179.8 / 0.00	lot 179 ON	WWIS

Well ID:	6601374	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/16/1954
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601374.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/15/1954
Year Completed:	1954
Depth (m):	13.716
Latitude:	43.0691018050085
Longitude:	-79.1352157694241
Path:	660\6601374.pdf

Bore Hole Information

Bore Hole ID:	10461108	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651826.90
Code OB Desc:		**North83:**	4770176.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/15/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc 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:	932591498
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05

Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591500
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591499
Layer: 3
Color: 7
General Color: RED
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591497
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966601374
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11009678
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930749036
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930749037
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45.0
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: 996601374
Pump Set At:
Static Level: 29.0
Final Level After Pumping: 29.0
Recommended Pump Depth:
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933948653
Layer: 1
Kind Code: 1

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

Kind: FRESH
Water Found Depth: 33.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10461108
Depth M: 13.716
Year Completed: 1954
Well Completed Dt: 05/15/1954
Audit No:
Path: 660\6601374.pdf

Tag No:
Contractor: 5425
Latitude: 43.0691018050085
Longitude: -79.1352157694241
Y: 43.06910180081252
X: -79.13521562043873

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7 | **1 of 1** | **NE/98.2** | **179.8 / 0.00** | **8196 McLeod Road, Niagara Falls ON L2H 3N3** | **EHS**

Order No: 20180418136
Status: C
Report Type: Standard Report
Report Date: 25-APR-18
Date Received: 18-APR-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.134026
Y: 43.069425

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8 | **1 of 2** | **N/109.8** | **179.8 / 0.00** | **8240 McLeod Rd, Niagara Falls ON L2E 6S5** | **EHS**

Order No: 20040325006
Status: C
Report Type: Complete Report Upgrade
Report Date: 3/29/04
Date Received: 3/25/04
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Title Search

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.134864
Y: 43.06976

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8 | **2 of 2** | **N/109.8** | **179.8 / 0.00** | **8240 McLeod Rd, Niagara Falls ON L2E 6S5** | **EHS**

Order No: 20040302008
Status: C
Report Type: Basic Report
Report Date: 3/11/04
Date Received: 3/2/04
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Title Search

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.134916
Y: 43.06975

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9 | **1 of 1** | **NNW/128.6** | **179.8 / 0.00** | **lot 179, ON** | **WWIS**

Well ID: 6601379
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/14/1955
Selected Flag: TRUE
Abandonment Rec:

Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601379.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/09/1955
Year Completed:	1955
Depth (m):	13.1064
Latitude:	43.0697992179595
Longitude:	-79.1349121303693
Path:	660\6601379.pdf

Bore Hole Information

Bore Hole ID:	10461113	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651849.90
Code OB Desc:		**North83:**	4770254.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	08/09/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Loc 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:	932591522
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932591519
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591520
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591521
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601379
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009683
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930749046
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749047
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	43.0
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:	996601379
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	28.0
Recommended Pump Depth:	
Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948658
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461113	***Tag No:***	
Depth M:	13.1064	***Contractor:***	5425
Year Completed:	1955	***Latitude:***	43.0697992179595
Well Completed Dt:	08/09/1955	***Longitude:***	-79.1349121303693

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

Audit No:		**Y:**	43.069799213753875
Path:	660\6601379.pdf	**X:**	-79.13491198092734

10 **1 of 1** **E/134.3** **179.8 / 0.00** **lot 179 ON** **WWIS**

Well ID:	6601376	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/16/1954
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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: NIAGARA FALLS CITY
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601376.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/26/1954
Year Completed: 1954
Depth (m): 14.6304
Latitude: 43.0685791534592
Longitude: -79.1329840310476
Path: 660\6601376.pdf

Bore Hole Information

Bore Hole ID:	10461110	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	652009.90
Code OB Desc:		**North83:**	4770122.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/26/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9

Loc 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: 932591509
Layer: 4

Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 31.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591510
Layer: 5
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591508
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591507
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932591506
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601376
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009680
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930749040
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	33.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749041
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996601376
Pump Set At:	

Static Level:	29.0
Final Level After Pumping:	29.0
Recommended Pump Depth:	
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948655
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461110	**Tag No:**	
Depth M:	14.6304	**Contractor:**	5425
Year Completed:	1954	**Latitude:**	43.0685791534592
Well Completed Dt:	05/26/1954	**Longitude:**	-79.1329840310476
Audit No:		**Y:**	43.06857914922662
Path:	660\6601376.pdf	**X:**	-79.1329838817343

11 | ***1 of 1*** | ***NE/146.3*** | ***179.8 / 0.00*** | ***lot 179 ON*** | ***WWIS***

Well ID:	6601380	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	01/17/1956
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	5425
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601380.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/15/1955

Year Completed: 1955
Depth (m): 13.4112
Latitude: 43.0697325942298
Longitude: -79.1335876809738
Path: 660\6601380.pdf

Bore Hole Information

Bore Hole ID: 10461114
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/15/1955
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 651957.90
North83: 4770249.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Loc 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: 932591523
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591524
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932591525
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591526
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601380
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009684
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930749048
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	29.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749049
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	44.0
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:	996601380
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	31.0
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948659
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461114	**Tag No:**	
Depth M:	13.4112	**Contractor:**	5425
Year Completed:	1955	**Latitude:**	43.0697325942298
Well Completed Dt:	10/15/1955	**Longitude:**	-79.1335876809738
Audit No:		**Y:**	43.069732590288794
Path:	660\6601380.pdf	**X:**	-79.13358753224836

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12 | ***1 of 12*** | ***NNW/155.7*** | ***179.8 / 0.00*** | ***876929 ONTARIO LIMITED-PT. LOT 170 MCLEOD RD./KALAR RD./PINK OAK NIAGARA FALLS CITY ON*** | ***CA***

Certificate #:	3-0036-91-
Application Year:	91
Issue Date:	1/28/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:					
12	2 of 12	NNW/155.7	179.8 / 0.00	876929 ONTARIO LTD.-PT. 2 LOT 170 MCLEOD RD./KALAR RD. NIAGARA FALLS CITY ON	CA
Certificate #:	3-0178-92-				
Application Year:	92				
Issue Date:	2/28/1992				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
12	3 of 12	NNW/155.7	179.8 / 0.00	MARVIN CHEESE KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	CA
Certificate #:	3-1071-92-				
Application Year:	92				
Issue Date:	8/24/1992				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
12	4 of 12	NNW/155.7	179.8 / 0.00	876929 ONTARIO LIMITED-PT. LOT 170 MCLEOD RD./KALAR RD./PIN OAK NIAGARA FALLS CITY ON	CA
Certificate #:	7-0035-91-				
Application Year:	91				
Issue Date:	1/28/1991				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
12	5 of 12	NNW/155.7	179.8 / 0.00	876929 ONTARIO LTD.-PT. 2 LOT 170 KALAR RD./MCLEOD RD. NIAGARA FALLS CITY ON	CA

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

Certificate #: 7-0154-92-
Application Year: 92
Issue Date: 2/28/1992
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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12 | 6 of 12 | NNW/155.7 | 179.8 / 0.00 | MARVIN CHEESE
KALAR RD./MCLEOD RD.
NIAGARA FALLS CITY ON | CA

Certificate #: 7-0854-92-
Application Year: 92
Issue Date: 8/24/1992
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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12 | 7 of 12 | NNW/155.7 | 179.8 / 0.00 | RIVER REALTY DEVELOPMENT (1976) INC.
KALAR RD./MCLEOD RD., SWM
NIAGARA FALLS CITY ON | CA

Certificate #: 3-0196-99-
Application Year: 99
Issue Date: 4/23/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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12 | 8 of 12 | NNW/155.7 | 179.8 / 0.00 | CANAM OIL SERVICES
MCLEOD RD. & KALAR ST.
NIAGARA FALLS ON | WDS

Approval No: A120216
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type:
Total Area (ha): 0
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0

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

Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	11/11/1111	**Process Vol (m³):**	0
Input Date:	6/4/93	**Process Feed (m³):**	0
Date Received:	9/26/86	**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Welland
Prop City:	BRESLAU, ONTARIO	**Latitude:**	
Prop Postal:	N0B-1M0	**Longitude:**	
Prop Phone:	-648-2291	**Geometry X:**	
Serial Link:	120216	**Geometry Y:**	
Approval Type:			
Proponent:	CANAM OIL SERV., DIV BRESLUBE		
Prop Address:	P.O. BOX 130		
Proponent County/District:			
Full Address:			
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:	No		
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

12	9 of 12	NNW/155.7	179.8 / 0.00	**BRESLUBE INC.** **MCLOUD ROAD & KALAR STREET** **NIAGARA FALLS ON L2E 6S5**	GEN

Generator No:	ON0039003
SIC Code:	4563
SIC Description:	BULK LIQ. TRUCKING
Approval Years:	86,87,88,89,90
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS
Waste Class:	270
Waste Class Name:	OTHER SPECIFIED ORGANICS
Waste Class:	281
Waste Class Name:	NON-HALOGENATED RICH ORGANICS

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

Waste Class: 222
Waste Class Name: HEAVY FUELS

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 282
Waste Class Name: NON-HALOGENATED LEAN ORGANICS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

12	10 of 12	NNW/155.7	179.8 / 0.00	SAFETY-KLEEN CANADA INC. 06-070 MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0039003
SIC Code: 4563
SIC Description: BULK LIQ. TRUCKING
Approval Years: 92,93,94,95,96,97
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 282
Waste Class Name: NON-HALOGENATED LEAN ORGANICS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 270
Waste Class Name: OTHER SPECIFIED ORGANICS

Waste Class: 281
Waste Class Name: NON-HALOGENATED RICH ORGANICS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 222
Waste Class Name: HEAVY FUELS

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	11 of 12	NNW/155.7	179.8 / 0.00	SAFETY-KLEEN CANADA INC. CORNER OF MCLOUD ROAD & KALAR STREET NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0039003
SIC Code: 4563
SIC Description: BULK LIQ. TRUCKING
Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 222
Waste Class Name: HEAVY FUELS

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

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

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 270
Waste Class Name: OTHER SPECIFIED ORGANICS

Waste Class: 281
Waste Class Name: NON-HALOGENATED RICH ORGANICS

Waste Class: 282
Waste Class Name: NON-HALOGENATED LEAN ORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	12 of 12	NNW/155.7	179.8 / 0.00	Kalar Rd Mcleod Rd Niagara Falls ON	EHS

Order No: 20151215003
Status: C
Report Type: Custom Report
Report Date: 18-DEC-15
Date Received: 15-DEC-15
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.135405
Y: 43.069941

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	NE/164.9	179.8 / 0.00	lot 179 ON	WWIS

Well ID:	6601381	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	07/04/1967
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3409
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601381.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/14/1967
Year Completed:	1967
Depth (m):	17.6784
Latitude:	43.0696805826119
Longitude:	-79.1331593854477
Path:	660\6601381.pdf

Bore Hole Information

Bore Hole ID:	10461115	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	651992.90
Code OB Desc:		**North83:**	4770244.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	02/14/1967	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932591528
Layer:	2
Color:	
General Color:	
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 34.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591529
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 34.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591527
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966601381
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11009685
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930749050
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34.0

Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749051
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996601381
Pump Set At:	
Static Level:	31.0
Final Level After Pumping:	57.0
Recommended Pump Depth:	57.0
Pumping Rate:	0.0
Flowing Rate:	
Recommended Pump Rate:	0.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933948660
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461115	***Tag No:***	
Depth M:	17.6784	***Contractor:***	3409
Year Completed:	1967	***Latitude:***	43.0696805826119
Well Completed Dt:	02/14/1967	***Longitude:***	-79.1331593854477
Audit No:		***Y:***	43.0696805792994
Path:	660\6601381.pdf	***X:***	-79.1331592363226

14 ***1 of 1*** ***ENE/203.6*** ***180.8 / 1.00*** ***8100 MCLEOD RD lot 179 NIAGARA Falls ON*** ***WWIS***

Well ID:	7348911	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	12/06/2019

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z295876	**Contractor:**	7484
Tag:	A255029	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NIAGARA (WELLAND)
Elevatn Reliabilty:		**Lot:**	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	10/30/2019
Year Completed:	2019
Depth (m):	8.8392
Latitude:	43.0696705445651
Longitude:	-79.1325443560824
Path:	

Bore Hole Information

Bore Hole ID:	1007737138	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	652043.00
Code OB Desc:		**North83:**	4770244.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/30/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc 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:	1008230380
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	29.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232558
Layer:	1
Plug From:	29.0
Plug To:	18.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232559
Layer:	2
Plug From:	18.0
Plug To:	0.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236170
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228482
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008236795
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	19.0
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008237735
Layer:	1
Slot:	.01
Screen Top Depth:	19.0
Screen End Depth:	24.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Results of Well Yield Testing

Pumping Test Method Desc:

Pump Test ID:	1008238933
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008234780
Diameter:	6.0
Depth From:	0.0
Depth To:	29.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007737138	***Tag No:***	A255029
Depth M:	8.8392	***Contractor:***	7484
Year Completed:	2019	***Latitude:***	43.0696705445651
Well Completed Dt:	10/30/2019	***Longitude:***	-79.1325443560824
Audit No:	Z295876	***Y:***	43.06967054076077
Path:		***X:***	-79.13254420675624

15	***1 of 1***	***NE/218.9***	***180.8 / 1.00***	***CANADIAN WASTE SERVICES INC.*** ***8175 MCLEOD RD AT BROOKSIDE VILLAGE APT. BUILDING. MOTOR VEHICLE (OPERATING FLUID)*** ***NIAGARA FALLS CITY ON L2H 3A5***	***SPL***

Ref No:	161836	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	11/9/1998	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	PIPE/HOSE LEAK	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	POSSIBLE	***Site Lot:***	
Nature of Impact:	Soil contamination	***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	11/9/1998	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:	18101		
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND / WATER		

Receiving Environment:	
Incident Reason:	EQUIPMENT FAILURE
Incident Summary:	CANADIAN WASTE SERVICES-2L HYDRAULIC OIL ONTO GRND& C.B.,WILL CLEAN/PUMP.
Site Region:	
Site Municipality:	NIAGARA FALLS CITY
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Source Type:	
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	
Site Address:	
Client Name:	

16 | ***1 of 1*** | ***E/219.7*** | ***179.8 / 0.00*** | ***8100 Mcleod Rd Niagara Falls ON L2H0Y7*** | ***EHS***

Order No:	20171025035	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	31-OCT-17	***Search Radius (km):***	.25
Date Received:	25-OCT-17	***X:***	-79.132441
Previous Site Name:		***Y:***	43.069027
Lot/Building Size:			
Additional Info Ordered:			

17 | ***1 of 1*** | ***ENE/224.3*** | ***180.8 / 1.00*** | ***lot 179 ON*** | ***WWIS***

Well ID:	6601377	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/16/1954
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5425
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NIAGARA (WELLAND)
Elevatn Reliabilty:		***Lot:***	179
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:	NIAGARA FALLS CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601377.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/29/1954
Year Completed:	1954

Depth (m): 14.9352
Latitude: 43.0697751599838
Longitude: -79.1323336108099
Path: 660\6601377.pdf

Bore Hole Information

Bore Hole ID: 10461111
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/29/1954
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 652059.90
North83: 4770256.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Loc 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: 932591513
Layer: 3
Color:
General Color:
Mat1: 12
Most Common Material: STONES
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591514
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 49.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932591512

Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932591511
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966601377
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11009681
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930749042
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930749043
Layer:	2
Material:	4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	49.0
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:	996601377
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	28.0
Recommended Pump Depth:	
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933948656
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	46.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10461111	***Tag No:***	
Depth M:	14.9352	***Contractor:***	5425
Year Completed:	1954	***Latitude:***	43.0697751599838
Well Completed Dt:	05/29/1954	***Longitude:***	-79.1323336108099
Audit No:		***Y:***	43.06977515590462
Path:	660\6601377.pdf	***X:***	-79.13233346204876

18 ***1 of 40*** ***ESE/226.5*** ***179.8 / 0.00*** ***NIAGARA FALLS HYDRO COMMISSION***
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S5 ***NPCB***

Company Code:	O4004
Industry:	Utility
Site Status:	
Transaction Date:	11/19/1991
Inspection Date:	

18 ***2 of 40*** ***ESE/226.5*** ***179.8 / 0.00*** ***NIAGARA FALLS HYDRO ELECTRIC COMMISSION***
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S5 ***NPCB***

Company Code:	O0049

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

Industry: Utility
Site Status:
Transaction Date: 6/6/1991
Inspection Date: 5/23/1991

--Details--
Label:
Serial No.:
PCB Type/Code: Askarel
Location:
Item/State:
No. of Items:
Manufacturer:
Status: In-Use
Contents: 4919.00 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	3 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX120; 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	NPCB

Company Code: F0531
Industry:
Site Status:
Transaction Date: 1/29/1996
Inspection Date:

--Details--
Label:
Serial No.:
PCB Type/Code: High > 10,000 ppm
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 150.00 KG

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	4 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO 7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	PRT

Location ID: 9869
Type: private
Expiry Date:
Capacity (L): 18184.00
Licence #: 0001038041

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	5 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	OPCB

Year: 1998
Site Number: 20381A097
Name Owner:
Additional Site Information:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Quantity:		45.00			
Address Site:					
Description:		Number of Transformers with Low Level PCBs (< 1000 ppm) kg			
18	***6 of 40***	***ESE/226.5***	***179.8 / 0.00***	***NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9***	***OPCB***
Year:		1999			
Site Number:		20381A097			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		45.00			
Address Site:					
Description:		Number of Transformers with Low Level PCBs (< 1000 ppm) kg			
18	***7 of 40***	***ESE/226.5***	***179.8 / 0.00***	***NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9***	***OPCB***
Year:		2000			
Site Number:		20381A097			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		1.00			
Address Site:					
Description:		Number of Transformers with Low Level PCBs (< 1000 ppm) kg			
18	***8 of 40***	***ESE/226.5***	***179.8 / 0.00***	***NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9***	***OPCB***
Year:		2003			
Site Number:		20381A097			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		1.00			
Address Site:					
Description:		Number of Transformers with Low Level PCBs (< 1000 ppm) kg			
18	***9 of 40***	***ESE/226.5***	***179.8 / 0.00***	***NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9***	***OPCB***
Year:		1995			

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

Site Number: 20381A097
Name Owner:
Additional Site Information:

--Details--
Quantity: 58.00
Address Site:
Description: Weight of Liquid in Transformer with High Level PCBs (>1000 ppm) kg

Quantity: 1.00
Address Site:
Description: Number of Transformers with High Level PCBs (>1000 ppm)

Quantity: 9.00
Address Site:
Description: Number of Capacitors with High Level PCBs (>1000 ppm)

Quantity: 324.00
Address Site:
Description: Weight of Bulk Liquid with Low Level PCBs (< 1000 ppm) kg

Quantity: 760.00
Address Site:
Description: Weight of Liquid in Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 9.00
Address Site:
Description: Number of Transformers with Low Level PCBs (< 1000 ppm) kg

Quantity: 1.00
Address Site:
Description: Number of Drums of Soil with Low Level PCBs (< 1000 ppm) kg

Quantity: 400.00
Address Site:
Description: Weight of Drums of Soil with Low Level PCBs (< 1000 ppm) kg

Quantity: 4.00
Address Site:
Description: Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg

Quantity: 600.00
Address Site:
Description: Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	10 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMM PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DR., P.O. BOX 120 NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0393800
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 86,87,88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

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

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

18	11 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISSION 7447 PIN OAK DRIVE PIN OAK DRIVE SERVICE CENTRE NIAGARA FALLS ON L2E 6S9	GEN

Generator No: ON0393800
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 92,93,97,98,99,00,01,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

18	12 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISSION PIN OAK DRIVE SERVICE CENTRE 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0393800
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 94,95,96
PO Box No:
Country:
Status:

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

Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 243
Waste Class Name: PCB'S

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

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

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18 | ***13 of 40*** | ***ESE/226.5*** | ***179.8 / 0.00*** | ***NIAGARA FALLS HYDRO INC.***
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S5 | ***GEN***

Generator No: ON0393806
SIC Code:
SIC Description:
Approval Years: 02,03,04,05,06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 243
Waste Class Name: PCB'S

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

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
18	14 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISION P.O.BOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S9	OPCB
Year:		2004			
Site Number:		20381A097			
Name Owner:					
Additional Site Information:					
--Details--					
Quantity:		1			
Address Site:					
Description:		Number of Transformers with Low Level PCBs (< 1000 ppm) kg			
18	15 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISION J JOHNSON 7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	FSTH
License Issue Date:		11/8/1990			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		9100			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		9100			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
18	16 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC 7447 PINOAK DR NIAGARA FALLS ON L2E 6S5	FSTH
License Issue Date:		11/8/1990			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					

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

Capacity: 9100
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1984
Corrosion Protection:
Capacity: 9100
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	17 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS BRIDGE COMMISSION 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	NPCB

Company Code: O04004
Industry: UNDEFINED
Site Status: CMO FILES/SEE COMP. CODE 4000
Transaction Date: 5/28/1996
Inspection Date:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	18 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISSION POBOX 120 7447 PIN OAK DR. NIAGARA FALLS ON L2E 6S5	NPCB

Company Code: F0511
Industry: UNDEFINED
Site Status:
Transaction Date:
Inspection Date:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	19 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISSION PO BOX 120 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	NPCB

Company Code: O0049
Industry: UTILITY
Site Status: STORAGE ONLY (NON FEDERAL)
Transaction Date: 2/9/1998
Inspection Date: 5/23/1991

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	20 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0393806
SIC Code: 221122
SIC Description: Electric Power Distribution
Approval Years: 07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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

Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS
Waste Class:	112
Waste Class Name:	ACID WASTE - HEAVY METALS
Waste Class:	331
Waste Class Name:	WASTE COMPRESSED GASES
Waste Class:	122
Waste Class Name:	ALKALINE WASTES - OTHER METALS
Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	243
Waste Class Name:	PCB'S
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	263
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	266
Waste Class Name:	PHENOLIC WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	21 of 40	ESE/226.5	179.8 / 0.00	***Niagara Falls Hydro*** ***7447 Pinoak Drive*** ***Niagara Falls ON L2E 6S5***	CA

Certificate #:	6306-5RGP77
Application Year:	2003
Issue Date:	9/19/2003
Approval Type:	Air
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
18	22 of 40	ESE/226.5	179.8 / 0.00	***NIAGARA PENINSULA ENERGY INC.*** ***7447 PIN OAK DRIVE*** ***NIAGARA FALLS ON L2E 6S5***	GEN

Generator No:	ON0393806
SIC Code:	221122
SIC Description:	Electric Power Distribution

Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 243
Waste Class Name: PCBS

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

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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18 | ***23 of 40*** | ***ESE/226.5*** | ***179.8 / 0.00*** | ***NIAGARA PENINSULA ENERGY INC.***
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S5 | ***GEN***

Generator No: ON0393806
SIC Code: 221122
SIC Description: Electric Power Distribution
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

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

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	24 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S5	GEN

Generator No: ON0393806
SIC Code: 221122
SIC Description: Electric Power Distribution
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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18 | **25 of 40** | **ESE/226.5** | **179.8 / 0.00** | **NIAGARA PENINSULA ENERGY INC**
7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON
CA
ON | **FST**

Instance No: 10875571
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Single Wall UST
Install Date: 10/31/1990
Install Year: 1984
Years in Service:
Model: NULL
Description:
Capacity: 9100
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: NIAGARA PENINSULA ENERGY INC
Item: FS LIQUID FUEL TANK

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18 | **26 of 40** | **ESE/226.5** | **179.8 / 0.00** | **NIAGARA PENINSULA ENERGY INC**
7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON
CA
ON | **FST**

Instance No: 10875556
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank

Manufacturer:
Serial No:
Ulc Standard:
Quantity:

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

Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Single Wall UST	**Fuel Type2:**	NULL
Install Date:	10/31/1990	**Fuel Type3:**	NULL
Install Year:	1984	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	9100	**No Underground:**	
Tank Material:	Fiberglass (FRP)	**Panam Related:**	
Corrosion Protect:	Fiberglass	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 7447 PINOAK DR NIAGARA FALLS L2E 6S9 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: NIAGARA PENINSULA ENERGY INC
Item: FS LIQUID FUEL TANK

18	27 of 40	ESE/226.5	179.8 / 0.00	**NIAGARA PENINSULA ENERGY INC.** **7447 PIN OAK DRIVE** **NIAGARA FALLS ON L2E 6S5**	GEN

Generator No: ON0393806
SIC Code: 221122
SIC Description: Electric Power Distribution
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 243
Waste Class Name: PCBS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

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

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18 | ***28 of 40*** | ***ESE/226.5*** | ***179.8 / 0.00*** | ***NIAGARA PENINSULA ENERGY INC.***
7447 PIN OAK DRIVE
NIAGARA FALLS ON | ***GEN***

Generator No: ON0393806
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

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

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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18 | 29 of 40 | ESE/226.5 | 179.8 / 0.00 | NISUS CONSTRUCTION LTD
7447 PIN OAK DR,,NIAGARA FALLS,ON,L2E 6S9,CA
ON | PINC

Incident Id:
Incident No: 1300282
Incident Reported Dt: 12/12/2013
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:
Customer Acct Name: NISUS CONSTRUCTION LTD
Incident Address: 7447 PIN OAK DR,,NIAGARA FALLS,ON,L2E 6S9,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:

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18 | 30 of 40 | ESE/226.5 | 179.8 / 0.00 | Niagara Peninsula Energy Inc.
7447 Pinoak Dr. P.O.Box 120
Niagara Falls ON L2E 6S9 | OPCB

Year: 2013
Site Number: 20381A097
Name Owner: Niagara Peninsula Energy Inc.
Additional Site Information: P.O.Box 120

--Details--
Quantity: 6
Address Site:
Description: Low Transformer (Count)

Quantity: 99
Address Site:
Description: Low Total Liquid in Transformers(litres)

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18 | 31 of 40 | ESE/226.5 | 179.8 / 0.00 | Niagara Peninsula Energy Inc.
7447 Pinoak Dr. P.O.Box 120
Niagara Falls ON L2E 6S9 | OPCB

Year: 2012
Site Number: 20381A097
Name Owner: Niagara Peninsula Energy Inc.
Additional Site Information: P.O.Box 120

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

--Details--
Quantity: 3
Address Site:
Description: Low Transformer (Count)

Quantity: 92
Address Site:
Description: Low Total Liquid in Transformers(litres)

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18 | ***32 of 40*** | ***ESE/226.5*** | ***179.8 / 0.00*** | ***Niagara Falls Hydro***
7447 Pinoak Drive
Niagara Falls ON L2E 6S9 | ***ECA***

Approval No: 6306-5RGP77
Approval Date: 2003-09-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Niagara Falls Hydro
Address: 7447 Pinoak Drive
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1293-5LNQ86-14.pdf
PDF Site Location:

MOE District: Niagara
City:
Longitude: -79.067856
Latitude: 43.10657
Geometry X:
Geometry Y:

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18 | ***33 of 40*** | ***ESE/226.5*** | ***179.8 / 0.00*** | ***NIAGARA PENINSULA ENERGY INC.***
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S9 | ***GEN***

Generator No: ON0393806
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: DAN SEBERT
Choice of Contact: CO_OFFICIAL
Phone No Admin: 9053562681 Ext.6017
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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

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

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

18	34 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	GEN

Generator No: ON0393806
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: KEVIN CARVER
Choice of Contact: CO_OFFICIAL
Phone No Admin: 9053562681 Ext.6015
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

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

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

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	35 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	GEN

Generator No: ON0393806
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 145 H
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

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

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

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

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 213 T
Waste Class Name: Petroleum distillates

Waste Class: 243 D
Waste Class Name: PCB

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

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

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

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

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

Waste Class: 266 T
Waste Class Name: Phenolic waste streams

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	36 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	GEN

Generator No: ON0393806
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: DAN SEBERT
Choice of Contact: CO_OFFICIAL
Phone No Admin: 9053562681 Ext.6017
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 266
Waste Class Name: PHENOLIC WASTES

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18 | **37 of 40** | **ESE/226.5** | **179.8 / 0.00** | **NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro**
7447 PIN OAK DRIVE
NIAGARA FALLS ON L2E 6S9 | **GEN**

Generator No: ON0393806
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 266 T
Waste Class Name: Phenolic waste streams

Waste Class: 213 T
Waste Class Name: Petroleum distillates

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

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

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

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

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

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

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

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

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

Waste Class: 145 H
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 221 I

Waste Class Name: Light fuels

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

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

Waste Class: 243 D
Waste Class Name: PCB

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

18	*38 of 40*	*ESE/226.5*	*179.8 / 0.00*	***NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro*** ***7447 PIN OAK DRIVE*** ***NIAGARA FALLS ON L2E 6S9***	***GEN***

Generator No: ON0393806
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

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

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

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

Waste Class: 266 T
Waste Class Name: Phenolic waste streams

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Class: 243 D
Waste Class Name: PCB

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

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

Waste Class: 145 H
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 213 T
Waste Class Name: Petroleum distillates

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

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

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
18	39 of 40	ESE/226.5	179.8 / 0.00	NIAGARA FALLS HYDRO ELECTRIC COMMISSION 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	REC

ID:
Company ID:
Receiver No: 203-81A097
Co Admin:
Choice of Contact: Company Official
Rec Div:
Rec Op Div:
Rec Op Name:
Site Bldg:
Facility Type: PCB STORAGE SITE
Approval Yrs: 1992; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008

Province In: ONTARIO
Province Out:
County Out:
Mail Addr:
Site PO Box:

1999 Receiver Waste Information Details

Waste Code: 243
Waste Desc: PCB'S

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	40 of 40	ESE/226.5	179.8 / 0.00	NIAGARA PENINSULA ENERGY INC. Niagara Falls Hydro 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9	GEN

Generator No: ON0393806
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class:	213 T
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	331 I
Waste Class Name:	WASTE COMPRESSED GASES
Waste Class:	146 T
Waste Class Name:	OTHER SPECIFIED INORGANICS
Waste Class:	266 T
Waste Class Name:	PHENOLIC WASTES
Waste Class:	145 L
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148 C
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	221 I
Waste Class Name:	LIGHT FUELS
Waste Class:	148 I
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	243 D
Waste Class Name:	PCBS
Waste Class:	112 C
Waste Class Name:	ACID WASTE - HEAVY METALS
Waste Class:	212 L
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	251 L
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	252 T
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	145 H
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	251 T
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	263 I
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	252 L
Waste Class Name:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 1	NW/236.9	180.8 / 1.00	monarch dentistry -kalar 7107 Kalar Rd, Unit 3 Niagara Falls ON L2H 2Y6	GEN

Generator No:	ON2591716
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2022
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	

Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

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20 ***1 of 9*** ***SSW/244.3*** ***179.8 / 0.00*** ***Kalar Rd junkyard N1 1976*** ***ANDR***

Niagara Falls ON L2E 6S4

Legal Description: Stamford Lot 180se
Location Description: W side of Kalar Rd, S of McLeod Rd, N of Brown Rd, 100m to tributaries
Municipality: Niagara Falls City
Current Municipality: Niagara Falls City
RM: Niagara Region
Facility: Auto Junkyard
Date Active: 1976
Date Begun:
Date Complete:
Area (Ha): 1.25
Landfill Type:
Group Name: creek
Operated By:
Serial: JY NIA17 1976
NTS: 30M03
Diameter (m): 125

Historical Summary:

Kalar Rd junkyard N1 1976 1979 NTS Map 30M03 Shown on the 1979 NTS 1:50,000 Map Niagara ON Sheet 30M03/30M06 Edition 5 (Air photos 1976, information 1976, publication 1979). 1996 MapArt The site is located on west side of Kalar Rd, south of McLeod Rd, north of Brown Rd, 100m to tributaries ([1996] MapArt Corporation, Golden Horseshoe Atlas, 1996 Edition, ISBN 1-55198-384-2).

Waste Type:
UTM X Nad 27: 651725
UTM Y Nad 27: 4769625
UTM Zone: 17

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20 ***2 of 9*** ***SSW/244.3*** ***179.8 / 0.00*** ***Kalar Rd junkyard N1 1980*** ***ANDR***

Niagara Falls ON L2E 6S4

Legal Description: Stamford Lot 180se
Location Description: W side of Kalar Rd, S of McLeod Rd, N of Brown Rd, 100m to tributaries
Municipality: Niagara Falls City
Current Municipality: Niagara Falls City
RM: Niagara Region
Facility: Auto Junkyard
Date Active: 1980
Date Begun:
Date Complete:
Area (Ha): 1.5
Landfill Type:
Group Name: creek
Operated By:
Serial: JY NIA17 1980
NTS: 30M03
Diameter (m): 150

Historical Summary:

Kalar Rd junkyard N1 1980 1980 NTS Map 30M03 Shown on the 1984 NTS 1:50,000 Map Niagara ON Sheet 30M03/30M06 Edition 6 (Air photos 1980, checks 1981, publication 1984). 1996 MapArt The site is located on west side of Kalar Rd, south of McLeod Rd, north of Brown Rd, 100m to tributaries ([1996] MapArt Corporation, Golden Horseshoe Atlas, 1996 Edition, ISBN 1-55198-384-2).

Waste Type:
UTM X Nad 27: 651750
UTM Y Nad 27: 4769650
UTM Zone: 17

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20 ***3 of 9*** ***SSW/244.3*** ***179.8 / 0.00*** ***Kalar Rd junkyard N1 1970*** ***ANDR***

Niagara Falls ON L2E 6S4

Legal Description: Stamford Lot 180se
Location Description: W side of Kalar Rd, S of McLeod Rd, N of Brown Rd
Municipality: Niagara Falls City
Current Municipality: Niagara Falls City
RM: Niagara Region
Facility: Auto Junkyard
Date Active: 1970-76
Date Begun:
Date Complete:
Area (Ha): 0.9375
Landfill Type:
Group Name:
Operated By:
Serial: JY NIA17 1970
NTS: 30M03
Diameter (m): 125

Historical Summary:

Kalar Rd junkyard N1 1970 1965 MTP Map ASE 310 Not marked [1965 Military Town Plan, Niagara Falls, ASE 310 Edition 1 (information 1965)]. 1973 MTP Map MCE 310 Junkyard marked, [1973 Military Town Plan, Niagara Falls, MCE 310 Edition 2 (information 1970, printed 1973)]. 1973 NTS 1:25,000 Map 30M03B Junkyard marked, 125m x 75m, W side of Kalar Rd*, 315m S of McLeod Rd*, 825m N of Welland Line Rd [1973 NTS 1:25,000 Map Allanburg On Sheet 30M03B edition 3 (information 1970, printed 1973)] 1978 MTP Map MCE 310 Junkyard marked, 125m x 75m, W side of Kalar Rd, S of McLeod Rd, N of Brown Rd [1978 Military Town Plan, Niagara Falls, MCE 310 Edition 3 (information 1976, printed 1978)]. *[1992] MapArt Corporation Ltd., Ontario Cities and Towns [street atlas].

Waste Type:
UTM X Nad 27: 651725
UTM Y Nad 27: 4769700
UTM Zone: 17

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20 ***4 of 9*** ***SSW/244.3*** ***179.8 / 0.00*** ***Kalar Rd junkyard N1 1970*** ***ANDR***

Niagara Falls ON L2E 6S4

Legal Description: Stamford Lot 180se
Location Description: W side Kalar Rd, 100m to Welland R trib., 825m N of Welland Line Rd, 315m S of McLeod Rd
Municipality: Niagara Falls City
Current Municipality: Niagara Falls City
RM: Niagara Region
Facility: Auto junkyard
Date Active: 1970
Date Begun:
Date Complete:
Area (Ha): 0.8125
Landfill Type:
Group Name: Welland River
Operated By:
Serial: JY NIA17 1970

NTS: 30M03
Diameter (m): 125

Historical Summary:

Kalar Rd junkyard N1 1970 1973 NTS Map 30M03B Junkyard marked, approx., 125m x 65m, W side Kalar Rd, 100m to Welland R trib., 825m N of Welland Line Rd, 315m S of McLeod Rd [1973 NTS 1:25,000 Map Allanburg ON Sheet 30M03B Edition 2 (Information 1970, publication 1973)].

Waste Type:
UTM X Nad 27: 651715
UTM Y Nad 27: 4769685
UTM Zone: 17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	5 of 9	SSW/244.3	179.8 / 0.00	AA AUTO PARTS 7549 KALAR RD NIAGARA FALLS ON L2E 6S5	AUWR

Headcode: 00096400
Headcode Desc: AUTOMOBILE PARTS & SUPPLIES-USED & REBUILT
Phone:
List Name:
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	6 of 9	SSW/244.3	179.8 / 0.00	7549 Kalar Rd Niagara Falls ON L2E 6S5	EHS

Order No: 20061018007
Status: C
Report Type: Complete Report
Report Date: 10/26/2006
Date Received: 10/18/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.135868
Y: 43.066787

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	7 of 9	SSW/244.3	179.8 / 0.00	2124484 Ontario Ltd. 7549 KALAR RD, NIAGARA FALLS, ON, L2E 6S5 ON L2E 6S5	RSC

RSC ID: 114300
RA No:
RSC Type:
Curr Property Use: Commercial
Ministry District: NIAGARA FALLS
Filing Date: 30-Jun-11
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 22-Jun-11
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: Mr. Robert O'Dell
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 2 to 5 meters
Telephone: 905-3545842
Fax: 905-6826969
Email: bob@robertodell.com
Asmt Roll No: 1.10002E+14
Prop ID No (PIN): 64263-0032 (LT)
Property Municipal Address: 7549 KALAR RD, NIAGARA FALLS, ON, L2E 6S5
Mailing Address: 7595 BROWN RD, NIAGARA FALLS, ON, L2E 6S5
Latitude & Latitude: 43.06656250N 79.13632320W (converted from UTM)
UTM Coordinates: NAD83 17-651743-4769892
Consultant:
Legal Desc: PT TWP LT 180 STAMFORD; PT TWP LT 185 STAMFORD AS IN RO458290; NIAGARA FALLS
Measurement Method: Digitized from a map

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

Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use

RSC PDF:

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20 | 8 of 9 | SSW/244.3 | 179.8 / 0.00 | **AA AUTO PARTS**
7549 KALAR RD
NIAGARA FALLS ON L2H3T7 | AUWR

Headcode: 00096400
Headcode Desc: AUTOMOBILE PARTS & SUPPLIES USED & REBUILT
Phone: 9053578011
List Name: INFO-DIRECT(TM) BUSINESS FILE
Description:

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20 | 9 of 9 | SSW/244.3 | 179.8 / 0.00 | **7549 Kalar Rd**
Niagara Falls ON | WWIS

Well ID: 7421326
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: N4TN2OG4
Tag: A351056
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NIAGARA FALLS CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 06/24/2022
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: 1009079755
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/11/2022
Remarks:
Loc 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: 651997.00
North83: 4769913.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009079841
Layer: 1

Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009079901
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009079919
Layer:	2
Plug From:	14.0
Plug To:	20.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009079918
Layer:	1
Plug From:	0.0
Plug To:	14.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1009079809
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID:	1009079790
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1009079852
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0

Depth To:	15.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1009079859
Layer:	1
Slot:	10
Screen Top Depth:	15.0
Screen End Depth:	20.0
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:	1009079791
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:	1009079866
Diameter:	7.5
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Unplottable Summary

Total: 46 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	876929 ONTARIO LTD.- PART 2 LOT 170	MCLEOD RD./STM-WATER MGT.	NIAGARA FALLS CITY ON	
CA	BROOKSIDE VILLAGE COOPERATIVE HOMES INC.	MCLEOD RD./PT. 1 LOT 170	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	KALAR RD., SHRINER'S CREEK	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	KALAR RD. ODOUR CONTROL FAC.	NIAGARA FALLS CITY ON	
CA	RIVER REALTY DEVELOPMENT (1976) INC.	MCLEOD RD. STORM SEWER OUTLET	NIAGARA FALLS CITY ON	
CA	RIVER REALTY DEVELOPMENT (1976) INC.	MCLEOD ROAD STORM SEWER OUTLET	NIAGARA FALLS CITY ON	
CA	4-Lot Development on Kalar Road	Kalar Road	Niagara Falls ON	
CA		Kalar Road	Niagara Falls ON	
CA	Oakwood Place Shopping Centre Inc.	From 120m South of McLeod Road to 820 m South of McLeod Rd	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	
CA	River Realty Development (1976) Inc.	Lots 164 and 169, geographic township of Stamford	Niagara Falls ON	
CA	River Realty Development (1976) Inc.		Niagara Falls ON	
CA	Oakwood Place Shopping Centre Inc.	From 120m South of McLeod Road to 820 m South of McLeod Rd McLeod Road and Oakwo	Niagara Falls ON	
CA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	
CA	River Realty Development (1976) Inc.	Part of Lots 164 and 169, Former Twp. of Stamford	Niagara Falls ON	
CA	BROOKSIDE VILLAGE COOPERATIVE HOMES INC.	MCLEOD RD./PT. 1 LOT 170	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY (CHARNWOOD SUBDIVISION	CHANNEL RIGHT OF WAY.MCLEOD RD	NIAGARA FALLS CITY ON	

CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
CONV	CANADIAN WASTE SERVICES INC.		ON	
ECA	Andrew M. Fortuna	Kalar Road	Niagara Falls ON	L2E 6S4
ECA	The Corporation of the City of Niagara Falls	McLeod Road	Niagara Falls ON	L2E 6X5
ECA	2670279 Ontario Inc.	Kalar Rd	Niagara Falls ON	L2H 2Y9
ECA	The Corporation of the City of Niagara Falls	Kalar Road	Niagara Falls ON	L2E 6X5
ECA	River Realty Development (1976) Inc.	Part of Lots 164 and 169, Former Twp. of Stamford	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	River Realty Development (1976) Inc.	Lots 164 and 169, Geographic Township of Stamford	Niagara Falls ON	L2E 7H1
ECA	River Realty Development (1976) Inc.	Part of Lots 164 and 169, Former Twp. of Stamford	Niagara Falls ON	
ECA	The Regional Municipality of Niagara	Kalar Rd	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	River Realty Development (1976) Inc.	Part of Lots 164 and 169, Former Twp. of Stamford	Niagara Falls ON	
ECA	Riverview Homes (Niagara) Ltd.	Kalar Road Constabile Drive & Parkwood Cir	Niagara Falls ON	L2J 3G3
ECA	River Realty Development (1976) Inc.	Part of Lots 164 and 169, Former Twp. of Stamford	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Road	Niagara Falls ON	L2E 6X5
ECA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	L2E 6S5
ECA	River Realty Development (1976) Inc.	Lots 164 and 169, Geographic Township of Stamford	Niagara Falls ON	
ECA	River Realty Development (1976) Inc.	Stamford	Niagara Falls ON	L2E 6V2
GEN	ONTARIO HYDRO (SEE & USE ON0490123 ONT.)	MCLEOD RD SC,P.O BOX 1015-NIAGARA FALLS C/O BOX 1015, 5800 MURRAY STREET	NIAGARA FALLS ON	L2E 6V9

GEN	ONTARIO HYDRO	MCLEOD ROAD SERVICE CENTRE (W. REGION) P.O. BOX 1015, 5800 MURRAY STREET	NIAGARA FALLS ON	L2E 6V9
GEN	NIAGARA FALLS HYDRO 28-619	KALAR ST. LOT 139 C/O 7447 PIN OAK DRIVE	NIAGARA FALLS ON	L2E 6S9
GEN	NIAGARA FALLS HYDRO	KALAR ST. LOT 139 C/O 7447 PIN OAK DRIVE	NIAGARA FALLS ON	L2E 6S9
NPCB	NIAGARA FALLS BRIDGE COMMISSION	PO BOX 395	NIAGARA FALLS ON	L2E 6T8
NPCB	NIAGARA FALLS BRIDGE COMMISSION	P.O. BOX 395	NIAGARA FALLS ON	L2E 6T8
SPL	NIAGARA, REGIONAL MUNICIPALITY	CHIPPAWA HYDRO CANAL, FROM KALAR RD. FORCEMAIN NEAR KENT ST. SANITARY SEWER SYSTEM/PUMPING STATION	NIAGARA FALLS CITY ON	
SPL	Hydro One- Marine Land Work Centre<UNOFFICIAL>	McLeod Road	Niagara Falls ON	

Unplottable Report

Site: ***876929 ONTARIO LTD.- PART 2 LOT 170***
MCLEOD RD./STM-WATER MGT. NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #:	3-0179-92-
Application Year:	92
Issue Date:	3/30/1992
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***BROOKSIDE VILLAGE COOPERATIVE HOMES INC.***
MCLEOD RD./PT. 1 LOT 170 NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #:	7-0186-91-
Application Year:	91
Issue Date:	3/4/1991
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***NIAGARA FALLS CITY***
KALAR RD., SHRINER'S CREEK NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #:	3-0096-96-
Application Year:	96
Issue Date:	4/1/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF NIAGARA***
KALAR RD. ODOUR CONTROL FAC. NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #:	3-1007-96-
Application Year:	96

Issue Date: 9/13/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***RIVER REALTY DEVELOPMENT (1976) INC.***
MCLEOD RD. STORM SEWER OUTLET NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #: 8-0410-99-
Application Year: 99
Issue Date: 4/29/1999
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***RIVER REALTY DEVELOPMENT (1976) INC.***
MCLEOD ROAD STORM SEWER OUTLET NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #: 3-0410-99-
Application Year: 99
Issue Date: 6/1/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***4-Lot Development on Kalar Road***
Kalar Road Niagara Falls ON

Database: ***CA***

Certificate #: 0172-5B8RQ2
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Andrew M. Fortuna
Client Address: 3736 Kalar Road
Client City: Niagara Falls
Client Postal Code: L2E 6S4
Project Description: This application is for the construction of sanitary sewer on Kalar Road.
Contaminants:
Emission Control:

Site: ***Database:***
Kalar Road Niagara Falls ON ***CA***

Certificate #: 8184-4ZSQKR
Application Year: 01
Issue Date: 8/24/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Regional Municipality of Niagara
Client Address: 2201 St. David's Road, P.O. Box 1042
Client City: Thorold
Client Postal Code: L2V 4T7
Project Description: This application is for the construction of a sanitary sewer extension on Kalar Road from the existing sanitary line on Westwood Street to serve the Long Term Care Facility.
Contaminants:
Emission Control:

Site: ***Oakwood Place Shopping Centre Inc.*** ***Database:***
From 120m South of McLeod Road to 820 m South of McLeod Rd Niagara Falls ON ***CA***

Certificate #: 2280-7Y7RG8
Application Year: 2009
Issue Date: 12/2/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the City of Niagara Falls*** ***Database:***
Kalar Rd Niagara Falls ON ***CA***

Certificate #: 4591-78XQFD
Application Year: 2007
Issue Date: 12/5/2007
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: ***River Realty Development (1976) Inc.*** ***Database:***
Lots 164 and 169, geographic township of Stamford Niagara Falls ON ***CA***

Certificate #: 5005-6TYJ47
Application Year: 2006
Issue Date: 9/29/2006
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: ***River Realty Development (1976) Inc.***
Niagara Falls ON

Database: ***CA***

Certificate #: 5300-5NCM79
Application Year: 2003
Issue Date: 6/9/2003
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: ***Oakwood Place Shopping Centre Inc.***
From 120m South of McLeod Road to 820 m South of McLeod Rd McLeod Road and Oakwo Niagara Falls ON

Database: ***CA***

Certificate #: 5884-88ALFE
Application Year: 2010
Issue Date: 9/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***800460 Ontario Limited***
Kalar Rd Niagara Falls ON

Database: ***CA***

Certificate #: 5894-77KSJS
Application Year: 2007
Issue Date: 10/17/2007
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: ***River Realty Development (1976) Inc.***
Part of Lots 164 and 169, Former Twp. of Stamford Niagara Falls ON

Database: ***CA***

Certificate #: 7201-622L48
Application Year: 2004
Issue Date: 6/18/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved

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

Site: ***BROOKSIDE VILLAGE COOPERATIVE HOMES INC.***
MCLEOD RD./PT. 1 LOT 170 NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #: 3-0208-91-
Application Year: 91
Issue Date: 3/4/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***NIAGARA FALLS CITY(CHARNWOOD SUBDIVISION***
CHANNEL RIGHT OF WAY.MCLEOD RD NIAGARA FALLS CITY ON

Database: ***CA***

Certificate #: 3-1356-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 98-0000-9002
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE WEST CENTRAL BRIEF FOR ALL P.O.A. TICKETS.
Background:
URL:

Location:
Region: WEST CENTRAL REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186{3)
Act/Regulation/Section: EPA- -186{3)
Date of Offence:
Date of Conviction:
Date Charged: 10/17/01
Charge Disposition: SUSPENDED SENTENCE
Fine: $305.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 01-0153-0515
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A WASTE MANAGEMENT SYSTEM WHEN THE VEHICLE BODY IS NOT LEAK PROOF.
Background:
URL:

Location:
Region: WEST CENTRAL REGION
Ministry District: HAMILTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 347
Section: 16 (3)
Act/Regulation/Section: EPA-347-16 (3)
Date of Offence:
Date of Conviction:
Date Charged: 12/4/01
Charge Disposition: SUSPENDED SENTENCE
Fine: $305.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 98-0000-9002
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE WEST CENTRAL BRIEF FOR ALL P.O.A. TICKETS.
Background:
URL:

Location:
Region: WEST CENTRAL REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 347
Section: 16(3)
Act/Regulation/Section: EPA-347-16(3)
Date of Offence:
Date of Conviction:
Date Charged: 8/19/99
Charge Disposition: SUSPENDED SENTENCE
Fine: $305.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 98-0000-9002
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE WEST CENTRAL BRIEF FOR ALL P.O.A. TICKETS.
Background:
URL:

Location:
Region: WEST CENTRAL REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)
Date of Offence:
Date of Conviction:
Date Charged: 3/16/98
Charge Disposition: SUSPENDED SENTENCE
Fine: $300.00
Synopsis:

Site: ***Andrew M. Fortuna***
Kalar Road Niagara Falls ON L2E 6S4

Database: ***ECA***

Approval No: 0172-5B8RQ2
Approval Date: 2002-06-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Andrew M. Fortuna
Address: Kalar Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7125-5B7NXZ-14.pdf
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Corporation of the City of Niagara Falls***

Database: ***ECA***

McLeod Road Niagara Falls ON L2E 6X5

Approval No:	2626-928JZE	***MOE District:***	
Approval Date:	2012-11-23	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Corporation of the City of Niagara Falls		
Address:	McLeod Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5367-8ZZJG4-14.pdf		
PDF Site Location:			

Site: ***2670279 Ontario Inc.***
Kalar Rd Niagara Falls ON L2H 2Y9

Database: ***ECA***

Approval No:	9952-CCUPE9	***MOE District:***	North Bay
Approval Date:	April 12, 2022	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	-9016878.7543000001
SWP Area Name:		***Geometry Y:***	5700582.7322999965
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	2670279 Ontario Inc.		
Address:	Kalar Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5428-CC6J25-14.pdf		
PDF Site Location:	Kalar Road City of Niagara Falls, Regional Municipality of Niagara		

Site: ***The Corporation of the City of Niagara Falls***
Kalar Road Niagara Falls ON L2E 6X5

Database: ***ECA***

Approval No:	0605-AZFRCZ	***MOE District:***	
Approval Date:	2018-06-22	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Corporation of the City of Niagara Falls		
Address:	Kalar Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1381-AZBRPB-14.pdf		
PDF Site Location:			

Site: ***River Realty Development (1976) Inc.***
Part of Lots 164 and 169, Former Twp. of Stamford Niagara Falls ON

Database: ***ECA***

Approval No:	1891-5BPJWQ	***MOE District:***	
Approval Date:	2002-07-08	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	River Realty Development (1976) Inc.		
Address:	Part of Lots 164 and 169, Former Twp. of Stamford		
Full Address:			

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4058-5BHSC6-14.pdf
PDF Site Location:

Site: ***The Corporation of the City of Niagara Falls***
Kalar Rd Niagara Falls ON L2E 6X5

Database: ***ECA***

Approval No: 7721-78XRB3
Approval Date: 2007-12-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Corporation of the City of Niagara Falls
Address: Kalar Rd
Full Address:
Full PDF Link:
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Lots 164 and 169, Geographic Township of Stamford Niagara Falls ON L2E 7H1

Database: ***ECA***

Approval No: 5005-6TYJ47
Approval Date: 2006-09-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Lots 164 and 169, Geographic Township of Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7295-6QSL3V-14.pdf
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Part of Lots 164 and 169, Former Twp. of Stamford Niagara Falls ON

Database: ***ECA***

Approval No: 8663-5CXKX5
Approval Date: 2002-09-04
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Part of Lots 164 and 169, Former Twp. of Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3657-5B9RAR-14.pdf
PDF Site Location:

Site: ***The Regional Municipality of Niagara***
Kalar Rd Niagara Falls ON

Database: ***ECA***

Approval No: 8184-4ZSQKR
Approval Date: 2001-08-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: Kalar Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4143-4ZSLJN-14.pdf
PDF Site Location:

Site: ***The Corporation of the City of Niagara Falls***
Kalar Rd Niagara Falls ON L2E 6X5

Database: ***ECA***

Approval No: 4591-78XQFD
Approval Date: 2007-12-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Niagara Falls
Address: Kalar Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3245-78NQMC-14.pdf
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Part of Lots 164 and 169, Former Twp. of Stamford Niagara Falls ON

Database: ***ECA***

Approval No: 5394-5DAKUE
Approval Date: 2002-08-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Part of Lots 164 and 169, Former Twp. of Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9743-5D8KAA-14.pdf
PDF Site Location:

Site: ***Riverview Homes (Niagara) Ltd.***
Kalar Road Constabile Drive & Parkwood Cir Niagara Falls ON L2J 3G3

Database: ***ECA***

Approval No: 5605-4LSK3R
Approval Date: 2000-07-04
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Riverview Homes (Niagara) Ltd.
Address: Kalar Road Constabile Drive & Parkwood Cir
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8550-4LQHRJ-14.pdf
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Part of Lots 164 and 169, Former Twp. of Stamford Niagara Falls ON

Database: ***ECA***

Approval No: 7201-622L48
MOE District:

Approval Date: 2004-06-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Part of Lots 164 and 169, Former Twp. of Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5842-5ZYNN9-14.pdf
PDF Site Location:

Site: ***The Corporation of the City of Niagara Falls***
Kalar Road Niagara Falls ON L2E 6X5

Database: ***ECA***

Approval No: 3353-92EQXN
Approval Date: 2012-11-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Niagara Falls
Address: Kalar Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9004-8ZZJM5-14.pdf
PDF Site Location:

Site: ***800460 Ontario Limited***
Kalar Rd Niagara Falls ON L2E 6S5

Database: ***ECA***

Approval No: 5894-77KSJS
Approval Date: 2007-10-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 800460 Ontario Limited
Address: Kalar Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4222-77GQBD-14.pdf
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Lots 164 and 169, Geographic Township of Stamford Niagara Falls ON

Database: ***ECA***

Approval No: 6320-549P96
Approval Date: 2001-11-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Lots 164 and 169, Geographic Township of Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2746-547K8N-14.pdf
PDF Site Location:

Site: ***River Realty Development (1976) Inc.***
Stamford Niagara Falls ON L2E 6V2

Database: ***ECA***

Approval No:	4585-949Q3G	***MOE District:***	
Approval Date:	2013-02-15	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: River Realty Development (1976) Inc.
Address: Stamford
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1982-948LAV-14.pdf
PDF Site Location:

Site: ***ONTARIO HYDRO (SEE & USE ON0490123 ONT.)***
MCLEOD RD SC,P.O BOX 1015-NIAGARA FALLS C/O BOX 1015, 5800 MURRAY STREET NIAGARA FALLS ON L2E 6V9

Database: ***GEN***

Generator No: ON0018410
SIC Code: 0009
SIC Description: *** ERROR RECORD ***
Approval Years: 92,93
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Site: ***ONTARIO HYDRO***
MCLEOD ROAD SERVICE CENTRE (W. REGION) P.O. BOX 1015, 5800 MURRAY STREET NIAGARA FALLS ON L2E 6V9

Database: ***GEN***

Generator No: ON0490123
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 86,87,88
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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

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

Site: ***NIAGARA FALLS HYDRO 28-619***
KALAR ST. LOT 139 C/O 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9

Database: ***GEN***

Generator No: ON0393802
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Site: ***NIAGARA FALLS HYDRO***
KALAR ST. LOT 139 C/O 7447 PIN OAK DRIVE NIAGARA FALLS ON L2E 6S9

Database: ***GEN***

Generator No: ON0393802
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

Site: ***NIAGARA FALLS BRIDGE COMMISSION***
PO BOX 395 NIAGARA FALLS ON L2E 6T8

Database: ***NPCB***

Company Code: O0981
Industry: OTHER
Site Status: CORPORATE ADDRESS
Transaction Date: 11/17/1993
Inspection Date:

Site: ***NIAGARA FALLS BRIDGE COMMISSION***
P.O. BOX 395 NIAGARA FALLS ON L2E 6T8

Database: ***NPCB***

Company Code: O0981
Industry: Other
Site Status:
Transaction Date: 10/24/1990
Inspection Date:

Site: ***NIAGARA, REGIONAL MUNICIPALITY***
CHIPPAWA HYDRO CANAL, FROM KALAR RD. FORCEMAIN NEAR KENT ST. SANITARY SEWER SYSTEM/PUMPING STATION NIAGARA FALLS CITY ON

Database: ***SPL***

Ref No:	119995	***Contaminant Qty:***	
Site No:		***Nature of Damage:***	
Incident Dt:	10/24/1995	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:	PIPE/HOSE LEAK	***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	POSSIBLE	***Site Lot:***	
Nature of Impact:	Multi Media Pollution	***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	10/24/1995	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:	18101		
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND / WATER		
Receiving Environment:			
Incident Reason:	MATERIAL FAILURE		
Incident Summary:	NIAGARA R.M.: UKN AMT OF SEWAGE TO GROUND & HYDRO CANAL FROM BROKEN MAIN.		
Site Region:			
Site Municipality:	NIAGARA FALLS CITY		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Client Name:			

Site: ***Hydro One- Marine Land Work Centre<UNOFFICIAL>***
McLeod Road Niagara Falls ON

Database: ***SPL***

Ref No:	3848-6TEP34	***Contaminant Qty:***	31.78 L
Site No:		***Nature of Damage:***	
Incident Dt:	9/7/2006	***Discharger Report:***	
Year:		***Material Group:***	
Incident Cause:		***Health/Env Conseq:***	
Incident Event:		***Agency Involved:***	
Environment Impact:	Possible	***Site Lot:***	
Nature of Impact:		***Site Conc:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Map Datum:***	
MOE Reported Dt:	9/7/2006	***Northing:***	
Dt Document Closed:		***Easting:***	
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	15		
Contaminant Name:	TRANSMISSION OIL		
Contaminant Limit 1:			

Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Vandalism - Illegal/deliberate (incl. sabotage)
Incident Summary: Hydro One - 7gal bushings oil to grd clning
Site Region:
Site Municipality: Niagara Falls
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type: Transformer
Site County/District:
Site Geo Ref Meth:
Site District Office: Niagara
Nearest Watercourse:
Site Name: Hydro One- Marine Land Work Centre<UNOFFICIAL>
Site Address: McLeod Road
Client Name: Hydro One Networks Inc.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

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-Mar 2022

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-Feb 28, 2022

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 2021

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: Feb 28, 2022

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-Feb 28, 2023

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -May 2023

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-Apr 2023

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 - May 31, 2023

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Oct 2022

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: Feb 28, 2022

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- May 31, 2023

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 - May 31, 2023

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- May 31, 2023

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-Mar 31, 2023

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 and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

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: Feb 28, 2022

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-Mar 2023

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

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

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

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: Feb 28, 2022

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 21, 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 2023

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2021

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2023

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2021

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 - May 31, 2023

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- May 31, 2023

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

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 - May 31, 2023

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).

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2023

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-Feb 28, 2023

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Oct 2021

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, 2020

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 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: 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- May 31, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Mar 31 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 F:

Ontario Oil, Gas & Salt Resources Library as well as the Ministry of the Environment, Conservation, and Parks Water Well Records

Oil, Gas & Salt Resources Library & Ministry of the Environment, Conservation and Parks Well Records Database:

7302 Kalar Road, Niagara Falls, ON

Green shaded text boxes are indication that those wells on-site.

According to the Ministry of the Environment, Conservation and Parks Well Records database, there were eight (8) well records associated with the study sites, and ten (1) records were available from within the study area (250 m radius). Each record can contain information

pertaining to date of installation, well use, type of stratigraphy encountered and groundwater levels. The available records are included below.

Well Completion Date (MM/DD/YYYY)	Well I.D.	Well Use	Well Depth (m)
05/15/1954	6601374	(On-site) Domestic use for house	13.7
05/18/1965	6601375	Domestic use for house	13.1
05/26/1954	6601376	Domestic use	14.6
05/29/1954	6601377	Domestic use for house	14.9
08/09/1955	6601379	Domestic use for house	13.1
10/15/1955	6601380	Domestic use for house	13.4
02/14/1967	6601381	Domestic use for house	17.7
03/29/2011	7161307	On-Site – Monitoring Well	8.8
03/29/2011	7161308	On-Site – Monitoring Well	9.1
03/29/2011	7161309	On-Site – Monitoring Well	9.1
03/29/2011	7161310	On-Site – Monitoring Well	9.1
11/20/2011	7174665	On-Site – Well Decommissioning	n/a
11/24/2011	7174666	On-Site – Well Decommissioning	n/a
11/24/2011	7174667	On-Site – Well Decommissioning	n/a
01/22/2013	7200505	Monitoring Well	9.1
05/31/2018	7319600	Monitoring Well	10.7
10/30/2019	7348911	Monitoring Well	8.8
05/11/2022	7421326	Monitoring Well	6.1

Well ID
Well ID Number: 7348911
Well Audit Number: *Z295876*
Well Tag Number: *A255029*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	8100 MCLEOD RD
Township	NIAGARA FALLS CITY
Lot	179
Concession	
County/District/Municipality	NIAGARA (WELLAND)
City/Town/Village	NIAGARA Falls
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 17 Easting: 652043.00 Northing: 4770244.00

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	SILT		0 ft	29 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
18 ft	0 ft	3/8 BENTONITE	
29 ft	18 ft	#3 SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Boring	
	Monitoring

Status of Well
Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
2 Inch	PLASTIC	0 ft	19 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
2.125 inch	PLASTIC	19 ft	24 ft

Well Contractor and Well Technician Information
Well Contractor's Licence Number: 7484

Hole Diameter

Depth From	Depth To	Diameter
0 ft	29 ft	6 Inch

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. (Place Sticker and/or Print Below): **A115809**

Well Record

Regulation 903 Ontario Water Resources Act

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Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Harger Group Inc			

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
10 Diesel Dr	Etobicoke	Ontario	M8W 2T8	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
7302 Kalar Rd			

County/District/Municipality	City/Town/Village	Province	Postal Code
	Niagra Falls	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	17	657900	4770125		

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	Clay		moist	0	20'
Grey	Clay		wet	20'	30'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1'	Concrete	
1'	19'	Benseal	
19'	30'	SAND	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☑ Other, specify: Direct Push

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
1.25"	PVC	0.25"	0	20'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1.5"	PVC	10	20'	30'

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	
	☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify	
	☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	30'	3.25"

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.

See Map pg 5 of 5

MW-2

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling Inc	7421

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
1472 West Beaver Creek	Richmond Hill	Ontario	L4B 1C6	wrecords@stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Muir, Mike	3448	Mike Muir	2011/04/01

Well owner's information package delivered: ☐ Yes ☐ No

Date Package Delivered: ____

Date Work Completed: 2011/03/29

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Audit No. z130924

Received APR 05 2011

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Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* **A115810**

Well Record

Regulation 903 Ontario Water Resources Act

8406 Page 3 of 5

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Harper Group Inc			

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
10 Diesel Dr	Etobicoke	Ontario	M9W2T8	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
7302 Kalar Rd			

County/District/Municipality	City/Town/Village	Province	Postal Code
	Niagra Falls	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	650900	4770125		

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	Clay		Moist	0	20'
Grey	Clay		Wet	20'	30'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1'	Concrete	
1'	19'	Benseal	
19'	30'	SAND	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☑ Other, *specify* Direct Push

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
1.25"	PVC	0.25"	0	20'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
1.5"	PVC	10	20'	30'

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)	Gas	Kind of Water: Fresh	Untested	Other, *specify*
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	30'	3.25"

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.

See map pg 5 of 5

MW-1

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling Inc	7421

Business Address (Street Number/Name)	Municipality
1472 West Beaver Creek	Richmond Hill

Province	Postal Code	Business E-mail Address
Ontario	L4B1C6	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
905 764 9304	Muir, Mike

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3448		2011/04/19

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No		2011/03/29

Ministry Use Only

Audit No. z130928

APR 05 2011 Received

Ministry's Copy

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* **A114393**

Well Record

Regulation 903 Ontario Water Resources Act

8406 Page 4 of 5

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Harper Group Inc			

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
10 Diesel Dr	Etobicoke	Ontario	M8W2T8	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
7302 Kalar Rd			

County/District/Municipality	City/Town/Village	Province	Postal Code
	Niagra Falls	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	17	651900	4770125		

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	Clay		Moist	0	20'
Grey	Clay		Wet	20'	30'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	1'	Concrete	
1'	19'	Bensea/	
19'	30'	SAND	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☑ Other, *specify* Direct Push

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
1.25"	PVC	0.25"	0	20'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1.5"	PVC	10	20'	30'

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) ☐ Gas	Kind of Water: ☐ Fresh ☐ Untested ☐ Other, *specify*
Water found at Depth (m/ft) ☐ Gas	Kind of Water: ☐ Fresh ☐ Untested ☐ Other, *specify*
Water found at Depth (m/ft) ☐ Gas	Kind of Water: ☐ Fresh ☐ Untested ☐ Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	30'	3.25"

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.

See map pg 5 of 5

MW-4

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling Inc	7421

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
1472 West Beaver Creek	Richmond Hill	Ontario	L4B1C6	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Main, Mike	3448		2011/04/07

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered: Y Y Y Y M M D D

Date Work Completed: 2011 03 29

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Received APR 05 2011

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N

KALAR ROAD

MW-1 3m N of Northdoor
MW-2 3m E of NE Floor drain
MW-3 1m W of fence line
MW-4 1m E of Oil/Water Separator/
1m S of floor trench
MW-5 1m N of S. Norm wall/2m
SW of floor drain

MW-2

MW-3

MW-4

trench

oil/water separator

SITE BUILDING
7302

LEGEND

BH-2 SOIL BOREHOLE LOCATION

SCALE

0 3 6 9 12 15 30 45 m

APR 05 2011

C-7241
Z13693
Z13692
Z13698
Z13694

TROW ASSOCIATES INC 80 BANCROFT STREET HAMILTON, ONTARIO L8E 2W5 Tel: (905) 573-4000 Fax: (905) 573-9693	PROJ. NO.: HAM-00011581-A0	SCALE: AS SHOWN	PHASE II ENVIRONMENTAL SITE ASSESSMENT 7302 KALAR ROAD NIAGARA FALLS, ONTARIO	FIGURE: 2
	DATE: FEBRUARY 2011	DRAWN BY: CG		
	FILE: siteplan.dwg	CHECKED: JC		

Ontario Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well Tag No. (Place Sticker and/or Print Below): A115810 MW2

Well Record

Regulation 903 Ontario Water Resources Act

9300 Page 1 of 3

Well Owner's Information

First Name: [redacted]
Last Name / Organization: Morgel Group
E-mail Address:
☐ Well Constructed by Well Owner
Mailing Address (Street Number/Name): 11 Diesel Drive
Municipality: Toronto
Province: ON
Postal Code: M8W 4Z?
Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 7302 Kalar Rd
Township:
Lot:
Concession:
County/District/Municipality:
City/Town/Village: Niagara Falls
Province: Ontario
Postal Code:
UTM Coordinates: Zone 17 Easting 651862 Northing 4770085 NAD 83
Municipal Plan and Sublot Number:
Other: WKC-004435
AC - AC

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

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
30'	½	Bentonite/Grout	

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 ☐ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☐ Air percussion ☒ Other, specify: Direct Push
☐ Diamond ☐ Jetting ☐ Driving ☐ Digging

Well Use

☐ Public ☐ Domestic ☐ Livestock ☐ Irrigation ☐ Industrial ☐ Other, specify
☐ Commercial ☐ Municipal ☒ Test Hole ☐ Cooling & Air Conditioning
☐ Not used ☐ Dewatering ☒ Monitoring

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
1.25	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: Deco
☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1.25	PVC			

Water Details

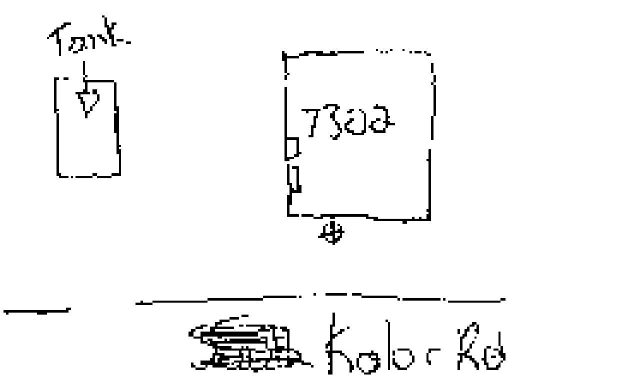
Water found at Depth (m/ft) ☐ Gas | Kind of Water: ☐ Fresh ☐ Untested ☐ Other, specify
Water found at Depth (m/ft) ☐ Gas | Kind of Water: ☐ Fresh ☐ Untested ☐ Other, specify
Water found at Depth (m/ft) ☐ Gas | Kind of Water: ☐ Fresh ☐ Untested ☐ Other, specify

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: Strata Soil Sampling Inc.
Well Contractor's Licence No.: 7241
Business Address (Street Number/Name): 147-2 West Beaver Creek Road
Municipality: Richmond Hill
Province: Ontario
Postal Code: L4B 1C6
Business E-mail Address: wrecords@stratasoil.com
Bus. Telephone No. (inc. area code): 905-764-9304
Name of Well Technician (Last Name, First Name): Mu?, Mike
Well Technician's Licence No.: 3144
Signature of Technician and/or Contractor:
Date Submitted: 20111216

Comments: General contractor: Tetra Tech Engineering

Well owner's information package delivered: ☐ Yes ☐ No
Date Package Delivered:
Date Work Completed: 20111124

Ministry Use Only
Audit No. Z145472
JAN 09 2012

Ontario — Ministry of the Environment

Well Record

Regulation 903 Ontario Water Resources Act

Well Tag No. (Place Sticker and/or Print Below): A115809 MW2

Measurements recorded in: ☐ Metric ☒ Imperial

Page 2 of 3

Well Owner's Information

First Name: [redacted] Last Name / Organization: Well Pool Pump

E-mail Address: ☐ Well Contractor ☐ Well Owner

Mailing Address (Street Number/Name): 11 Diesel Drive

City/Town: Toronto Province: ON Postal Code: M9W 1K7 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 7302 Kolac Rd

Township: Lot: Concession:

County/District/Municipality: City/Town/Village: Niagara Falls Province: Ontario Postal Code:

Other:

UTM Coordinates: NAD 83 Zone: 17 Easting: 625186 Northing: 4770118 Municipal Plan and Subdivision Number:

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

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Neat cement grout / Bentonite slurry / Bentonite chips)	Volume Placed (m³/yd³)
30"	1/2	Bensal/Grout	
1/2	0	Concrete	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Public ☐ Commercial ☐ Not used
☐ Rotary (Conventional) ☐ Jetting ☐ Domestic ☐ Municipal ☐ Dewatering
☐ Rotary (Reverse) ☐ Driving ☐ Livestock ☒ Test Hole ☒ Monitoring
☐ Boring ☐ Digging ☐ Irrigation ☐ Cooling & Air Conditioning
☐ Air Percussion ☐ Industrial
☐ Other, specify ☐ 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
1.25	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 ☐ Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1.25	PVC			

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)

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling Well Contractor's Licence No.: 7124

Business Address (Street Number/Name): 2-147 West Beaver Creek Rd Municipality: Richmond Hill

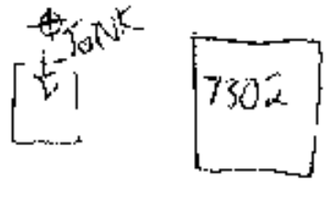
Province: ON Postal Code: L4B 1C6 Business E-mail Address: wrecords@stratasoil.com

Business Telephone No. (inc. area code): 905 764 9304 Name of Well Technician (Last Name, First Name): Mills, Mike

Well Technician's Licence No.: 3164 Signature of Technician and Well Contractor: Mike Mills Date Submitted: 2011/12/10

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well owner's information package delivered: ☐ Yes ☐ No

Date Package Delivered: yyyy/mm/dd

Date Work Completed: 2011/11/24

Ministry Use Only

Audit No.: Z 143470

JAN 19 2012

Ministry's Copy

Results of Well Yield Testing

After test of well, yield water was: ☐ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason:

Pumping test method: 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

Time	Draw Down Water Level (m/ft)	Recovery Time	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			

Ontario Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well Tag No. (Sticker and/or Print Below): A114392 MW3

Well Record

Regulation 903 Ontario Water Resources Act

9200 Page 3 of 3

Well Owner's Information

First Name: [redacted] Last Name / Organization: Harper Group

Email Address: ☐ Well Constructed by Well Owner

Mailing Address (Street Number/Name): 11 Diesel Drive

Municipality: Fonthill

Province: ON

Postal Code: L0S 1E1

Telephone No. (with area code):

Well Location

Address of Well Location (Street Number/Name): 7302 Kalar Rd

Township:

Lot:

Concession:

County/District/Municipality:

City/Town/Village: Niagara Falls

Province: Ontario

Postal Code:

UTM Coordinates: Zone: 17 Easting: 651864 Northing: 4770218

Map of Site Plan and Set of Numbers:

Other: WXQ-004435

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 (mbgl) From	Depth (mbgl) To

Annular Space

Depth Set at (mbgl) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/l)
	30'	1/2 Bentonite/Grout	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☒ Other, specify: Direct Push

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 (mbgl) From	To
1.25	PVC			

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (mbgl) From	To
1.25	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: Decommissioned
☐ Other, specify

Water Details

Water found at Depth (mbgl)	Kind of Water	Fresh	Untested
	☐ Gas	☐ Other, specify	
	☐ Gas	☐ Other, specify	
	☐ Gas	☐ Other, specify	

Hole Diameter

Depth (mbgl) From	To	Diameter (cm/in)

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling Inc.

Well Contractor's Licence No.: 7241

Business Address (Street Number/Name): 147-2 West Beaver Creek Road

Municipality: Richmond Hill

Province: Ontario

Postal Code: L4B 1J6

Business Email Address: wecandrill@stratasoil.com

Bus. Telephone No. (with area code): 1-905-764-8304

Name of Well Technician (Last Name, First Name): Mantle, Mike

Well Technician's Licence No.: 3441

Signature of Well Technician or Well Contractor:

Date Submitted: 2011/11/10

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 (mbgl):

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft):

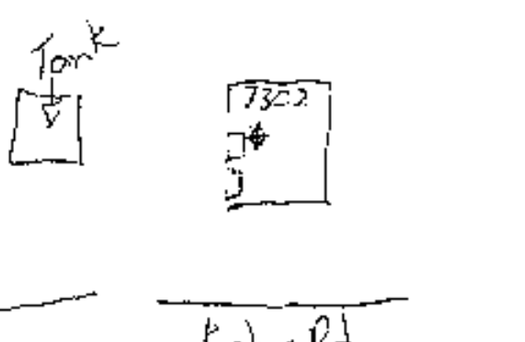
Recommended pump rate (l/min / GPM):

Well yield test conducted: ☐ 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.



Comments: General contractor: Tetra Tech Engineering

Well owner's information package delivered: ☐ Yes ☒ No

Date Package Delivered:

Date Work Completed: 2011/11/24

Ministry Use Only

Audit No.: Z143472

Date: JAN 09 2012

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Ministry's Copy

Ontario Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)
Tag#: A125133

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: KALAR LTD.
E-mail Address:
☐ Well Constructed by Well Owner
Mailing Address (Street Number/Name): 3731 CARAWAY DR. Municipality: NIAGARA FALLS Province: ON Postal Code: L2H 5G8 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 9056 McLEOD RD Township: Lot: Concession:
County/District/Municipality: City/Town/Village: NIAGARA FALLS Province: Ontario Postal Code: L2H 3Y6
UTM Coordinates Zone Easting: 652149[illegible] Northing: [illegible] NAD 83 Municipal Plan and Sublot Number: Other

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
BROWN	CLAY	SILT		0	13
BROWN	SILT	CLAY		13	17
BROWN/GRAY	CLAY	MOIST		17	23
GRAY	CLAY	LOOSE		23	30

"cluster of 3 wells"

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	2	CONCRETE / BENTONITE	[illegible]
2	13	BENTONITE/[illegible]	[illegible]

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 ☒ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☐ Air percussion ☐ Other, specify ☐ Diamond ☐ Jetting ☐ Driving ☐ Digging

Well Use

☐ Public ☐ Domestic ☐ Livestock ☐ Irrigation ☐ Industrial ☒ Other, specify ☐ Commercial ☐ Municipal ☐ Test Hole ☐ Cooling & Air Conditioning ☐ Not used ☐ Dewatering ☒ Monitoring

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
2	PVC	40	0	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

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
2	PVC	10	20	30

Water Details

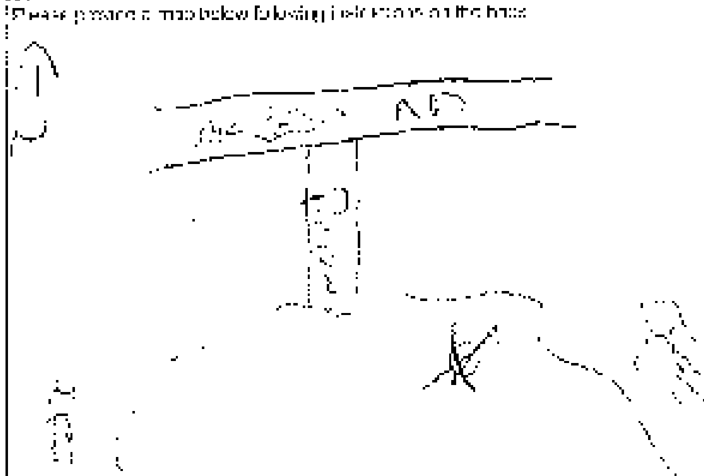
Water found at Depth Kind of Water: ☐ Fresh ☐ Untested (m/ft) ☐ Gas ☐ Other, specify
Water found at Depth Kind of Water: ☐ Fresh ☐ Untested (m/ft) ☐ Gas ☐ Other, specify
Water found at Depth Kind of Water: ☐ Fresh ☐ Untested (m/ft) ☐ Gas ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: ELITE DRILLING SERVICES Well Contractor's Licence No.: 7484
Business Address (Street Number/Name): BOX 20060 Municipality: ST. CATHARINES
Province: ON Postal Code: L2M 7W7 Business E-mail Address:
Bus. Telephone No. (inc. area code): 9056878[illegible] Name of Well Technician (Last Name, First Name): GOW JOHN
Well Technician's Licence No.: 2617 Signature of Technician and/or Contractor Date Submitted: 20130917

Well owner's information package delivered ☐ Yes ☐ No
Date Package Delivered:
Date Work Completed: [illegible]

Ministry Use Only
Audit No. Z141677

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Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. (Place Sticker and/or Print Below) A248365

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name | Last Name / Organization: 2607305 Ontario Inc. | Email Address | ☐ Well Constructed by Well Owner

Mailing Address (Street Number, Name): 266 Nellcoyne Rd N | Municipality: Hamilton | Province: ON | Postal Code: L8L 5B8 | Telephone No. (incl. area code): 6532072 08

Well Location

Address of Well Location (Street Number/Name): 7389 Kalar Rd | Township | Lot | Concession

County/District/Municipality | City/Town/Village: Niagara Falls | Province: Ontario | Postal Code: L2H2Y6

UTM Coordinates: Zone | Easting | Northing | Municipal Plan and Sublot Number | Other

NAD 83: 17 | 651791 | 4769859

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
Brown/Red/Grey	Clay		Comp	0	15
Red/Grey	Clay		Wet	15	35

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	2ft	3/8" Bentonite	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Public ☐ Commercial ☐ Monitoring
☐ Rotary (Conventional) ☐ Jetting ☐ Domestic ☐ Municipal ☐ Dewatering
☐ Rotary (Reverse) ☐ Driving ☐ Livestock ☐ Test Hole ☑ Monitoring
☑ Boring ☐ Digging ☐ Irrigation ☐ Cooling & Air Conditioning
☐ Air percussion ☐ Industrial
☐ Other, specify ☐ 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
1.8	Plastic	0.1	0	25

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
2.0	Plastic	10	25	35

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)
0	35	8

Well Contractor and Well Technician Information

Business Name of Well Contractor: Determination Drilling | Well Contractor's Licence No.: 7295

Business Address (Street Number/Name): 2483 Highway 6 | Municipality: Hamilton

Province: ON | Postal Code: L0R | Business E-mail Address: colin@determinationdrilling.com

Bus. Telephone No. (incl. area code): 9056822481 | Name of Well Technician (Last Name, First Name): Mackie, Matt

Well Technician's Licence No.: 33151 | Signature of Technician and/or Contractor | Date Submitted: 2018/08/02

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: ___ hr ___ 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):

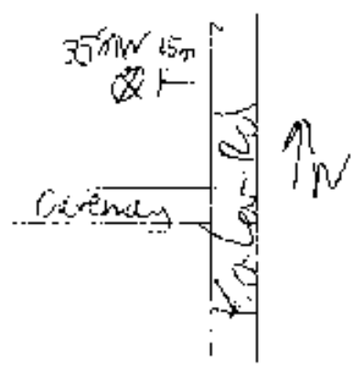
Well production (l/min / GPM):

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.



Comments:

Well owner's information package delivered: Yes ☐ No

Date Package Delivered: Y Y Y Y M M D D

Date Work Completed: 2018 08 31

Ministry Use Only

Audit No. Z287102

Received: OCT 05 2018

(2008/03) 7530E (03/14)

Ministry's Copy

Ontario

Ministry of the Environment, Conservation and Parks

Well Record - Regulation 903

Ontario Water Resources Act

Notice of Collection of Personal Information

Personal information contained on this form is collected pursuant to sections 35-50 and 75(2) of the *Ontario Water Resources Act* and section 16.3 of the Wells Regulation. This information will be used for the purpose of maintaining a public record of wells in Ontario. This form and the information contained on the form will be stored in the Ministry's well record database and made publicly available. Questions about this collection should be directed to the Water Well Customer Service Representative at the Wells Help Desk, 125 Resources Road, Toronto Ontario M9P 3V6, at 1-888-396-9355 or wellshelpdesk@ontario.ca.

Fields marked with an asterisk (*) are mandatory.

Well Tag Number *
A 351056

Type *

☑ Construction ☐ Abandonment

Measurement recorded in: *

☐ Metric ☑ Imperial

1. Well Owner's Information

Last Name and First Name, or Organization is mandatory. *

Last Name	First Name
Organization	**Email Address**
Urbane Communities	

Current Address

Unit Number	Street Number *	Street Name *	City/Town/Village
200	5063	North Service Rd	Burlington

Country	Province	Postal Code	Telephone Number
Canada	ON		905-320-7200

2. Well Location

Address of Well Location

Unit Number	Street Number *	Street Name *	Township
	7549	Kalar Rd	

Lot	Concession	County/District/Municipality

City/Town	Province	Postal Code
Niagara Falls	Ontario	

UTM Coordinates	Zone *	Easting *	Northing *		Municipal Plan and Sublot Number
NAD 83	17	651997	4769913	Test UTM in Map	

Other

3. Overburden and Bedrock Material *

Well Depth * 20 (ft)

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

				(ft)	(ft)
Grey	Silt	Sand	Packed	0	20

4. Annular Space *

Depth From (ft)	Depth To (ft)	Type of Sealant Used (Material and Type)	Volume Placed (cubic feet)
0	14	Bentonite	2.3
14	20	Sand Pack	1.0

5. Method of Construction *

☐ Cable Tool ☐ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☐ Air percussion ☐ Diamond
☐ Jetting ☐ Driving ☐ Digging ☐ Rotary (Air) ☑ Augering ☐ Direct Push
☐ Other (specify) _____

6. Well Use *

☐ Public ☐ Industrial ☐ Cooling & Air Conditioning
☐ Domestic ☐ Commercial ☐ Not Used
☐ Livestock ☐ Municipal ☑ Monitoring
☐ Irrigation ☐ Test Hole ☐ Dewatering
☐ Other (specify) _____

7. 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) _____

8. Construction Record - Casing * (use negative number(s) to indicate depth above ground surface)

Inside Diameter (in)	Open Hole **or** Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness	Depth From (ft)	Depth To (ft)
2	Plastic	0.2	0	15

9. Construction Record - Screen

Outside Diameter (in)	Material (Plastic, Galvanized, Steel)	Slot Number	Depth From (ft)	Depth To (ft)
2.5	Plastic	10	15	20

10. Water Details

Water found at Depth (ft)	☐ Gas	Kind of water ☐ Fresh ☐ Untested ☐ Other

11. Hole Diameter

Depth From (ft)	Depth To (ft)	Diameter (in)
0	20	7.5

12. Results of Well Yield Testing

☐ Pumping Discontinued

Explain _____

If flowing give rate

☐ Flowing _____ (GPM)

Draw down

Time (min)	Static Level	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Level (ft)														

Recovery

Time (min)	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Level (ft)													

After test of well yield, water was

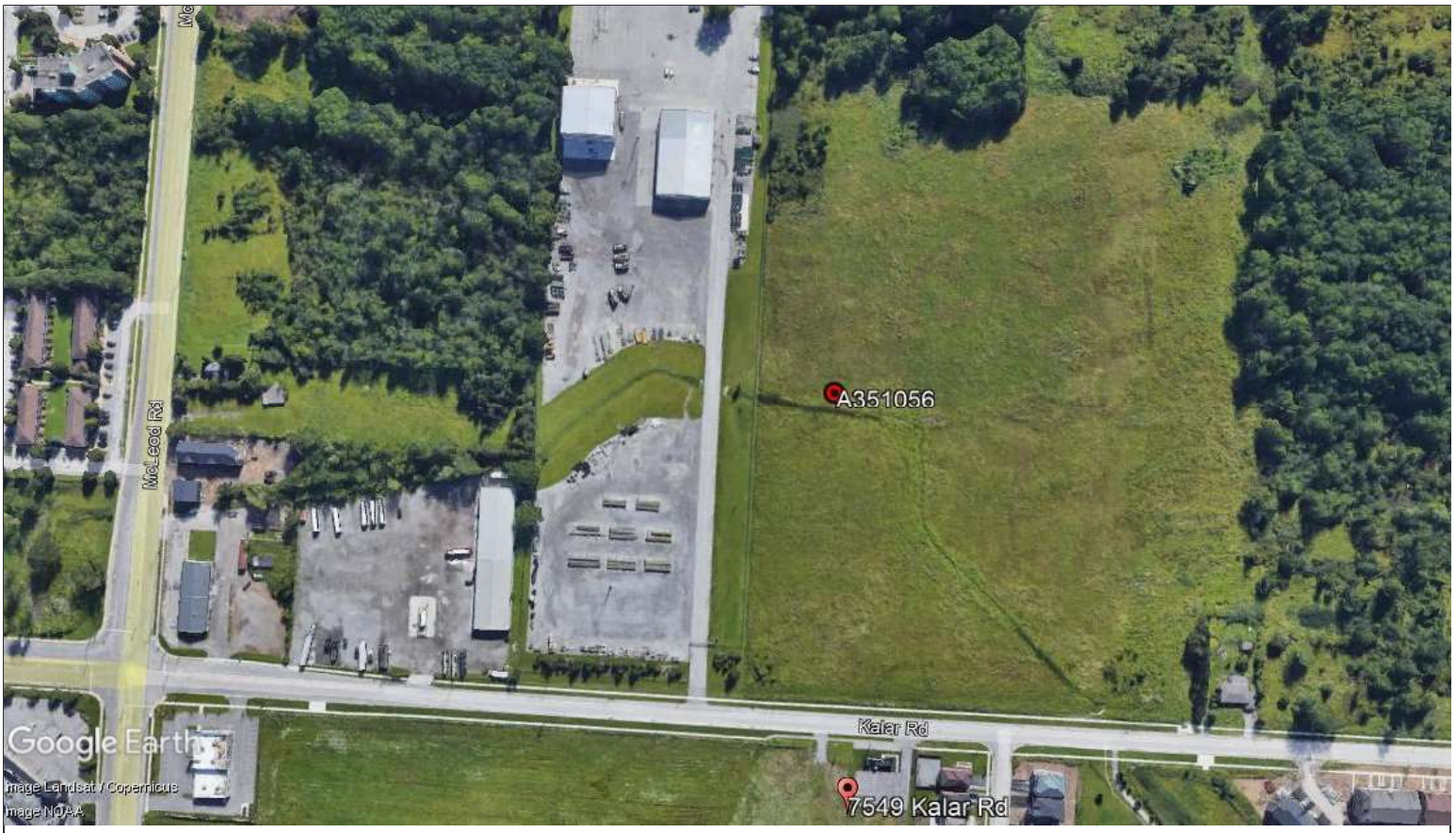
☐ Clear and sand free ☐ Other (specify)

Pump intake set at (ft)	Pumping rate (GPM)	Duration of pumping hrs + min	Final water level end of pumping (ft)	Disinfected? * ☐ Yes ☑ No

Recommended pump depth (ft)	Recommended pump rate (GPM)	Well production (GPM)

13. Map of Well Location *

Map 1. Please Click the map area below to import an image file to use as the map. ☑ Make map area bigger



14. Information

Well owner's information package delivered	Date Package Delivered (yyyy/mm/dd)	Date Work Completed (yyyy/mm/dd) *
☐ Yes ☑ No		2022/05/11

Comments

15. Well Contractor and Well Technician Information

Business Name of Well Contractor *	Well Contractor's License Number *
Davis Drilling Ltd	7472

Business Address

Unit Number	Street Number	Street Name *
	873	Nipissing Rd

City/Town/Village *	Province	Postal Code *
Milton	ON	L9T 4Z4

Business Telephone Number	Business Email Address
905-299-6915	davisdrilling@bellnet.ca

Last Name of Well Technician *	First Name of Well Technician *	Well Technician's License Number *
Buckley	Adam	3803

16. Declaration *

☑ I hereby confirm that I am the person who constructed the well and I hereby confirm that the information on the form is correct and accurate.

Last Name	First Name	Email Address
Buckley	Adam	wells@davisdrillingltd.com

Signature	Date Submitted (yyyy/mm/dd)
Adam Buckley Digitally signed by Adam Buckley Date: 2022.06.08 11:19:12 -04'00'	2022/06/08

17. Ministry Use Only

Audit Number

N4TN 2OG4

UTM Z E

9 R STAMFORD N

Elev. 9 L 4

FORMERLY 24 179

LOT

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED
JUN 16 1954
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

66 No. 1374

Water Well Record NIAGARA FALLS

County or Territorial District... Welland ... Township, Village, Town or City ... Stamford ...

Con. ... Lot 179 ... Street and Number (if in Village, Town or City) ...

Owner ... [redacted] ... Address ... R.R. no. 2 ... Niagara ... Falls.

Date Completed ... 15 (day) ... May (month) ... 1954 (year) Cost of Well (excluding pump) ...

Pipe and Casing Record

Casing diameter(s) ... 6 1/4 ...

Length(s) of casing(s) ... 32 ft. ...

Type of screen ... none used ...

Length of screen ...

Distance from top of screen to ground level ...

Is well a gravel-wall type? ...

Pumping Test

Date ... 15th ... May ... 1954 ...

Static level ... 29 ...

Pumping level ... 29 ...

Pumping rate ... 15 ... gal p. min ...

Duration of test ... 1/2 hr ...

Distance from cylinder or bowls to ground level ...

Water Record

Kind (fresh or mineral) ... fresh ...

Quality (hard, soft, contains iron, sulphur, etc.) ... Hard ...

Appearance (clear, cloudy, coloured) ... Clearing ...

For what purpose(s) is the water to be used? ... House ...

...

How far is well from possible source of contamination? ...

What is the source of contamination? ...

Enclose a copy of any mineral analysis that has been made of water ...

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
33	Fresh	54

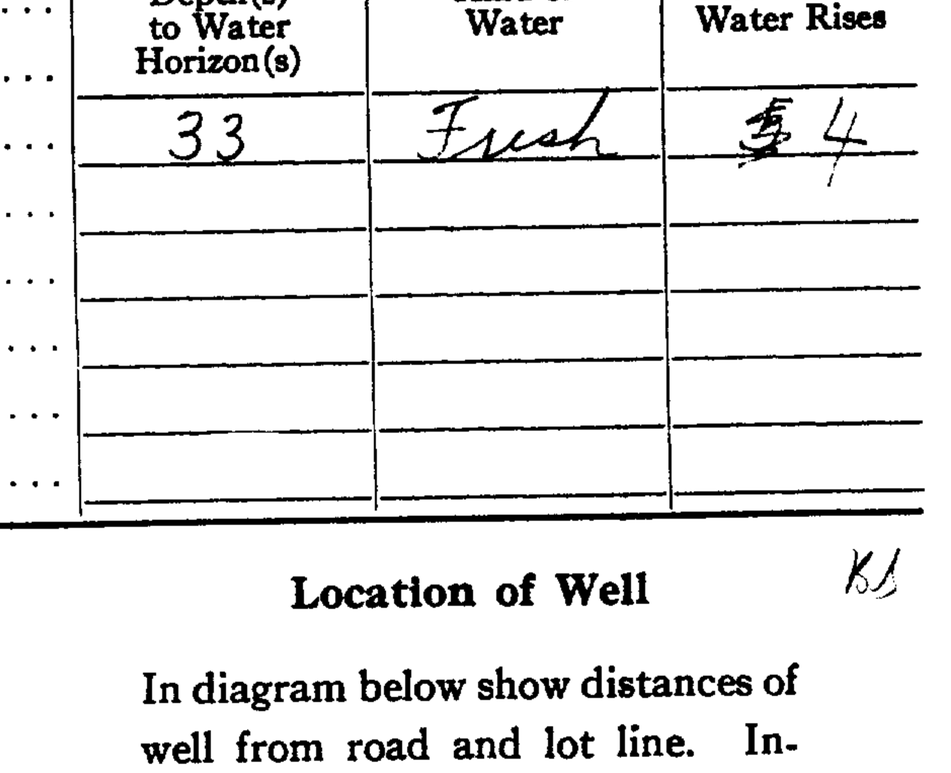
Well Log

Overburden and Bedrock Record	From	To
Brown clay	0 ft.	8 ft.
Soft Blue clay	8	30
Red Sand & Gravel	30	32
Limestone	32	45

Location of Well

KL

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ...

Drilling Firm ...

Address ...

Name of Driller ... Walter Hunger & Son ... Address ... Fort Erie ...

Date ... May 29 ... 1954 ... Licence Number ... 671 ...

... Walter Hunger ...
Signature of Licensee

FORM 5

CSS.S8

UTM | | Z | | E
9 R | STAMFORD TWP. | N
Elev. 9 R |
FORMERLY Basin 24 | LOT 179

66 № 1375 BD

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record NIAGARA FALLS

County or Territorial District... Welland ... ~~Township, Village, Town~~ City... ~~Stamford~~

Con........ Lot. 179 .. Street and Number (if in Village, Town or City)..........

Owner... [redacted] ....Address... R.R. no. 2 Niagara Falls

Date Completed... 18 (day) ... May (month) ... 1954 (year) Cost of Well (excluding pump)..........

Pipe and Casing Record

Casing diameter(s)...... 6¼

Length(s) of casing(s)... 29 ft

Type of screen.... none used

Length of screen..........

Distance from top of screen to ground level..........

Is well a gravel-wall type?..........

Pumping Test

Date... 18 May ... 1954

Static level.. 28

Pumping level. 28

Pumping rate...... 15 gal. min

Duration of test.... ½ hr

Distance from cylinder or bowls to ground level..........

Water Record

Kind (fresh or mineral)........ fresh

Quality (hard, soft, contains iron, sulphur, etc.)... Hard

Appearance (clear, cloudy, coloured).... Clearing

For what purpose(s) is the water to be used?... House

....

How far is well from possible source of contamination?..........

What is the source of contamination?..........

Enclose a copy of any mineral analysis that has been made of water..........

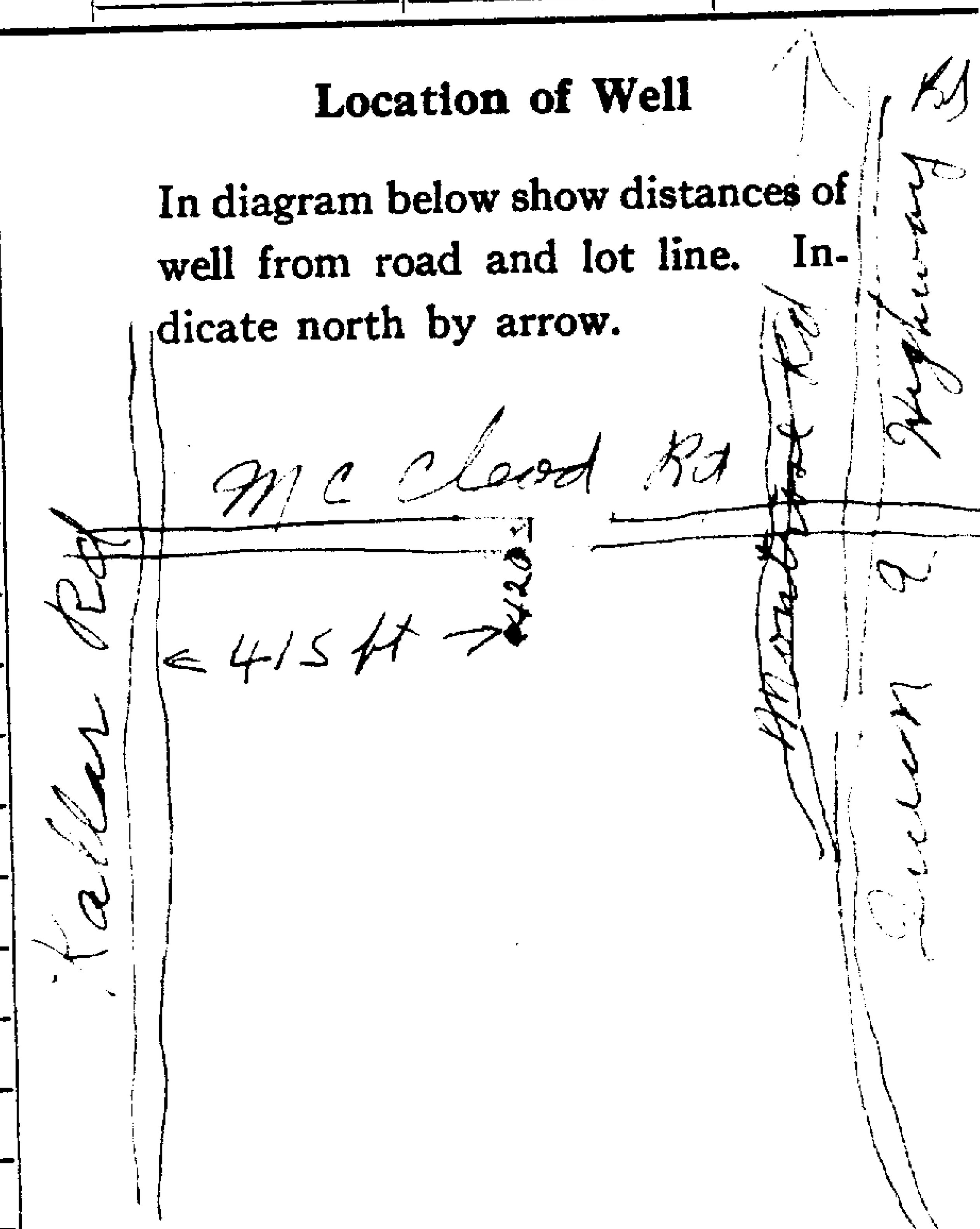
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
32	Fresh	4 ft

Well Log

Overburden and Bedrock Record	From	To
~~Fil~~ Top soil	0 ft.	2 ft.
Brown Clay	2	9
Red Clay	9	14
Sof Blue Clay	14	28
Limestone	28	43

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?..........

Drilling Firm..........

Address..........

Name of Driller... Walter Hunger & Son ....Address... Fort Erie

Date..... May 29 ..... 1954 ....Licence Number... 671

Walter Hunger
Signature of Licensee

Form 5

CSS.S8

UTM | Z | E
9 R | N
Elev. 9
Basin 24

STAMFORD TWP.
FARMER
LOT 19

Nº 1376

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

NIAGARA FALLS

[redacted] ~~Village, Town or~~ City........

(Village, Town or City)........

RR no 2 Niagara Falls........

Date Completed 26 (day) May (month) 195[illegible] (year) Cost of Well (excluding pump)........

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	6 in	Date	26 May 1954
Length(s) of casing(s)	33 ft	Static level	29
Type of screen	none used	Pumping level	29
Length of screen		Pumping rate	1.5 gal a min
Distance from top of screen to ground level		Duration of test	1/2 hr
Is well a gravel wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)........ Fresh

Quality (hard, soft, contains iron, sulphur, etc.)........ Good

Appearance (clear, cloudy, coloured)........ Clearing

For what purpose(s) is the water to be used?........ ~~[illegible]~~ Domestic

How far is well from possible source of contamination?........

What is the source of contamination?........

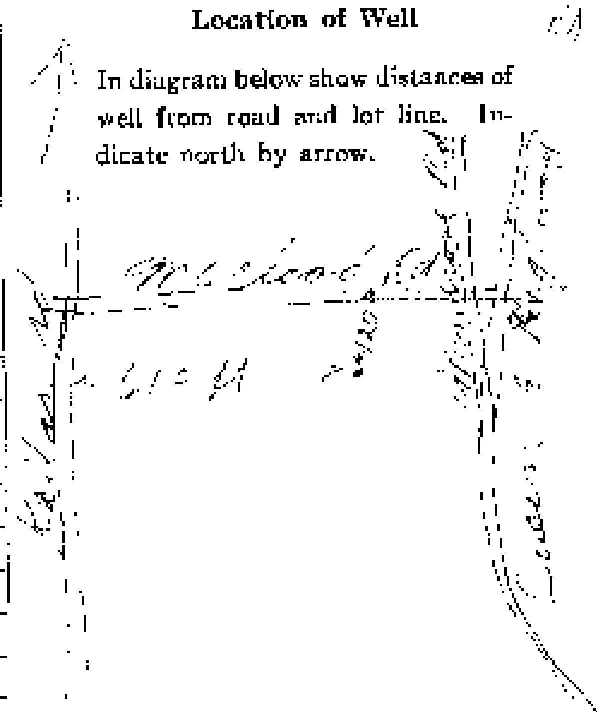
Enclose a copy of any mineral analysis that has been made of water........

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
45	Fresh	[illegible]

Well Log: Overburden and Bedrock Record	From	To
~~Fill~~ Top soil	0 ft.	2 ft.
Sand Brown Clay	2	11
Soft Yellow Clay	11	31
Gravel & Red Sand	31	32
Limestone	32	48

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?........

Drilling Firm........

Address........

Name of Driller Walter Wenger & Son Address Fort Erie

Date May 29 195[illegible] Licence Number 71

Walter Wenger
Signature of Licensee

Form 5

UTM | | Z | | E STAMFORD TWP.
19 R | N
Elev FORM 9 R 179
Basin 24

RECEIVED 66 № 1377
GEOLOG... BRANCH
DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record NIAGARA FALLS

[redacted] City Stamford
(Town or City)
Owner ... RR no. 2 Niagara Falls
Date Completed 29 (day) may (month) 195? (year) Cost of Well (excluding pump) ...

Pipe and Casing Record

Casing diameter(s) 6 1/4
Length(s) of casing(s) 30
Type of screen none used
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date 29th may
Static level 25
Pumping level 25
Pumping rate 15 gal a min
Duration of test 12 hr
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) Fresh
Quality (hard, soft, contains iron, sulphur, etc.) Hard
Appearance (clear, cloudy, coloured) Clearing
For what purpose(s) is the water to be used? Farm
How far is well from possible source of contamination?
What is the source of contamination?
Enclose a copy of any mineral analysis that has been made of water

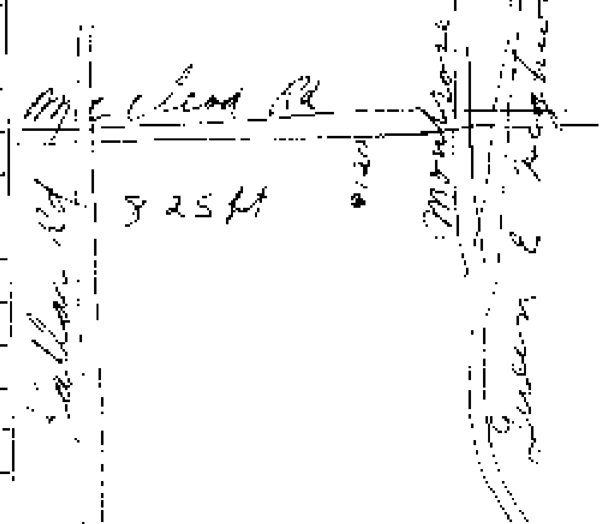
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
46	Fresh	15

Well Log

Overburden and Bedrock Record	From	To
Brown Clay	0 ft.	11 ft.
Soft Blue Clay	11	28
Stoney	28	30
Limestone	30	49

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm
Address
Name of Driller Walter Hunger & Son Address Fort Erie
Date May 29 195? Licence Number 611
Walter Hunger
Signature of Licensee

Form 5

CSS.58

UTM Zone Easting Northing

Elev. R

Depth

Lot 179

Twp. Stamford

Formerly 24

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

66 № 1379

RECEIVED
SEP 19
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water-Well Record

NIAGARA FALLS

County or Territorial District Welland Township, Village, Town or City Stamford

[redacted] Village, Town or City)

Address RRno 2 Niagara Falls

Date completed (day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 6"

Length(s) 31'

Type of screen none used

Length of screen

Pumping Test

Static level 28 ft

Pumping rate 12 gal a min

Pumping level 28

Duration of test ½ hour

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Topsoil	0	1
Brown Clay	1	11
Blue Clay	11	30
Dark Limestone	30	43

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
33'	5	fresh

For what purpose(s) is the water to be used?

Domestic

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside?

Drilling firm Walter Hungus & Son

Address Fort Erie Ont

Name of Driller Gerald Hungus

Address 209 Emerick Fort Erie

Licence Number La 76

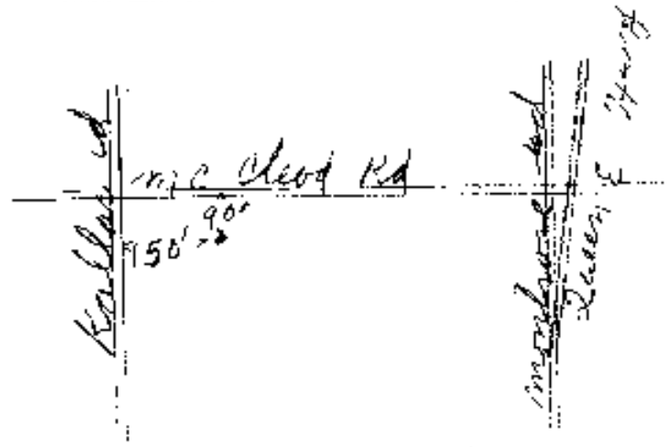
I certify that the foregoing statements of fact are true.

Date Sept 12 Gerald Hungus

Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



150 ft East of Kalar rd
90 ft South of Lot line

Form 5

UTM | | | | Z | | | | | | | | | | TWP STAMFORD
9 R | | STAMFORD | | | | N
FORMERLY
Elev. 9 R | | | | | | |
Basin 9 R 47 9 | | | |

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

-66- № 1380

Water-Well Record

NIAGARA FALLS

County or Territorial District Welland ~~Township, Village, Town or~~ City ~~Stamford~~

[redacted] Village, Town or City)

[redacted] dress RR no 2 Niagara Falls

Date completed ... 9 ... (day) ... (month) ... (year)

Pipe and Casing Record

Casing diameter(s) 6"
Length(s) 29'
Type of screen none used
Length of screen

Pumping Test

Static level 30'
Pumping rate 16 Gal a min
Pumping level 31 ft
Duration of test 1/2 hour

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Top soil	0	1
Brown Clay	1	16
Blue Clay	16	28
Brown Rock	28	44

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
42	12	Fresh

For what purpose(s) is the water to be used? House

Is water clear or cloudy? Clearing

Is well on upland, in valley, or on hillside?

Drilling firm Walter Hunger & Son
Address Fort Erie

Name of Driller Walter Hunger
Address 209 Emerick ave. Fort Erie

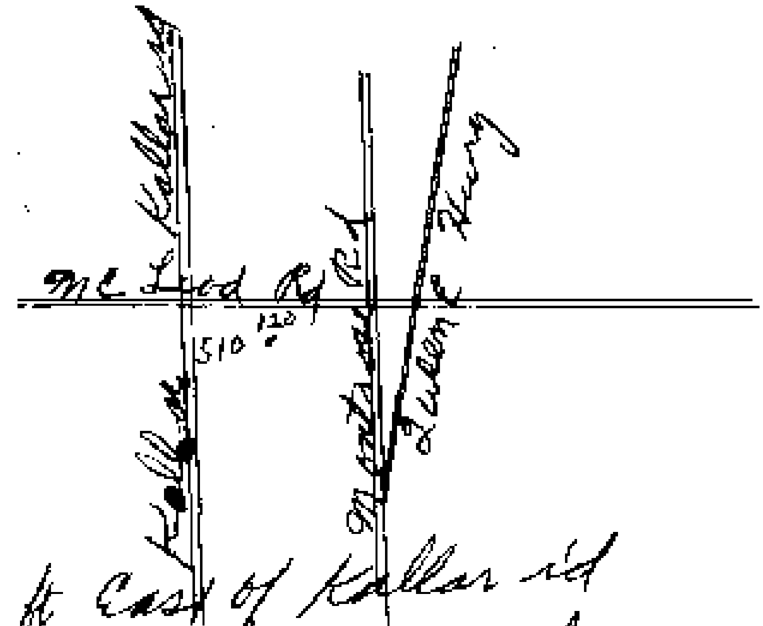
Licence Number 671

I certify that the foregoing statements of fact are true.

Date Jan 12 Walter Hunger
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



510 ft East of Kallar rd
120 ft South of McLeod

Form 5

CSS.58

UTM 17 R
Elev. 15 R
Basin 24

Stamford Twp.

WATER RESOURCES DIVISION
66 JUN 1 1967
No. 1381
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Welland County. Township, Village, Town or City Niagara Falls, Ont

Con. Lot 179 Date completed 14 February 1967. (day month year)

[redacted] ress Niagara Falls, Ontario.

Casing and Screen Record

Inside diameter of casing 6¼"

Total length of casing 34 Ft. 5 Ins.

Type of screen Nil.

Length of screen

Depth to top of screen

Diameter of finished hole 6¼"

Pumping Test

Static level 31 Ft.

Test pumping rate 25 G.P.H. G.P.M.

Pumping level 57 Ft.

Duration of test pumping 3 Hours.

Water clear or cloudy at end of test Clear.

Recommended pumping rate 25 G.P.H. G.P.M.

with pump setting of 57 Ft. feet below ground surface

Well Log

Overburden and Bedrock Record

Overburden and Bedrock Record	From ft.	To ft.
Hard Clay.	0 Ft.	18 Ft.
Soft Clay.	18 Ft.	29 Ft.
Stones.	29 Ft.	34Ft. 5 Ins.
Limestone Rock.	34' 5"	58 Ft.

Water Record

Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
58 Ft.	Fresh.

For what purpose(s) is the water to be used? Household.

Is well on upland, in valley, or on hillside? Upland.

Drilling or Boring Firm W. A. Lounsbury & Sons.

30 Dunlop Dr, St. Catharines, Ont.

Address

Licence Number 2164.

Name of Driller or Borer W. G. Lounsbury .

Address 35 Spruce St, St. Catharines, Ont.

Date 15 February 1967.

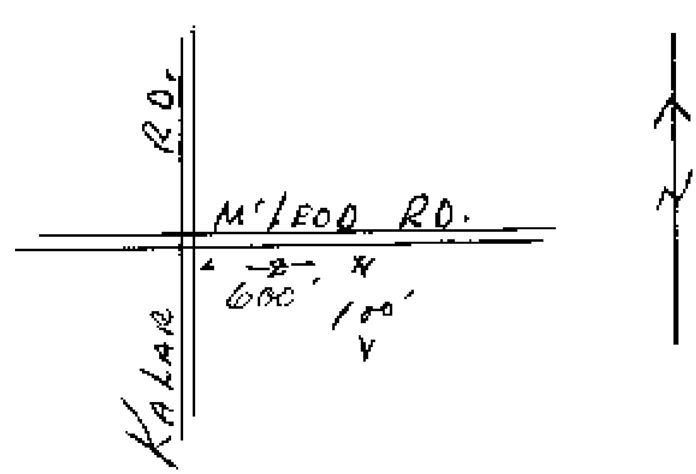
W. G. Lounsbury
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow



Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* **A114392**

Well Record

Regulation 903 Ontario Water Resources Act

8406 Page 1 of 5

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Harper Group	Inc		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
10 Diesel Dr	Etobicoke	Ontario	M8W2T8	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
7302 Kalar Rd			

County/District/Municipality	City/Town/Village	Province	Postal Code
	Niagra Falls	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	651900	4770125		

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	Clay	M	Moist	0	20
Grey	Clay		Wet	20	29

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1'	Concrete	
1'	18'	Benseal	
18'	29'	SAND	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☑ Other, *specify* Direct Push

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
1.25"	PVC	0.25"	0	19'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
1.5"	PVC	10	19'	29'

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	
	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*
	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*
	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	29'	3.25"

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.

See map pg 5 of 5

MW-3

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling Inc	7421

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
1472 West Beaver Creek	Richmond Hill	Ontario	L4B1C6	Wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Muir, Mike	3448		2011/04/15

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered

Date Work Completed 2011/03/29

Ministry Use Only

Audit No. Z130923

APR 05 2011 Received

Ministry's Copy

Appendix G:

Record of Interview

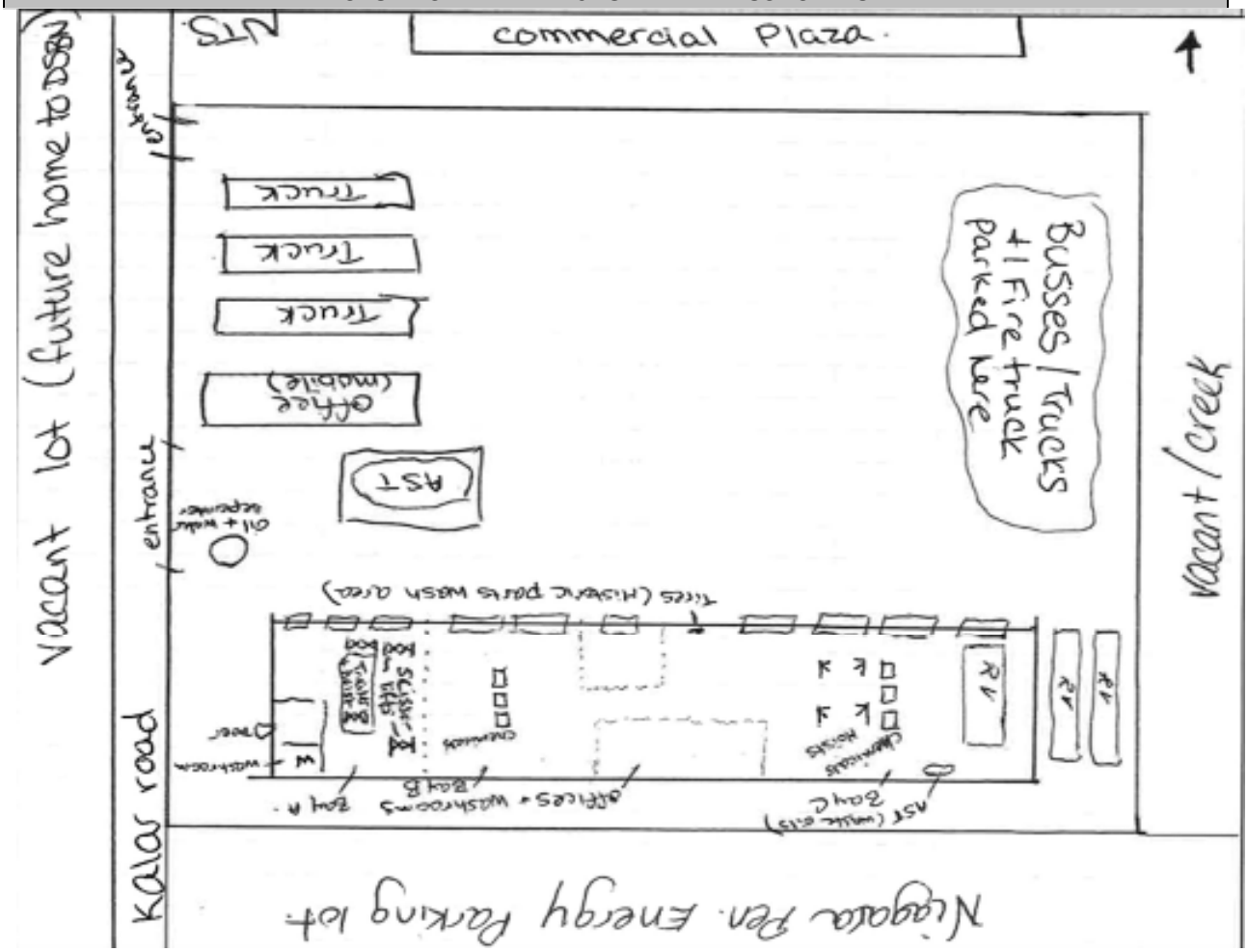
RECORD OF INTERVIEW

Date & Time of Interview	July 18, 2023 at 9:00am
Interviewer Name	Nicole Metz
Weather	Sunny 20˚C
Site Address	7302 Kalar Road, Niagara Falls, ON
Project Number	E-23-35-1
Interviewee Name & Position	Mike (son) and Danny (father/owner/client)
SITE INFORMATION	
Describe land use history. Was the property ever used for industrial use, as a dry cleaner, a garage, or bulk liquid dispensing facility (including gasoline)	There was a house in the northwest corner of the site when Danny purchased the property, shortly after they decommissioned it and used it as extra parking. WAJAX Power system historically owned the site and conducted their own Phase One and Two ESA prior to selling it to Danny. Fidelity Leather also historically rented out a portion of the site.
Are you aware of any environmental issues associated with the study site such as waste disposal, landfilling, chemical use and/or storage (AST or UST)	Not aware of any environmental issues.
Are you aware of any site-specific permits, waste generation number, certificate of approval, ECA, water well records or sewer discharge permits	No.
Are you aware of any current or historical environmental concerns associated with adjacent properties	No.
Did you ever apply salt in the parking area?	No.
Are there any reports done on the property?	Yes, Phase Ones and Twos provided.
Is there anyone else EON could contact for additional information?	No.
BUILDING INFORMATION & FEATURES	
Are you aware of any environmental building management issues such as ACM, PCBs, etc.	Not aware of any ACM or Lead-based paints.
Has a DSS/HMS/ACM report previously been done?	No previous report has been done.
Building footprint size	1,500 square meters
Year of construction	1970s
Year(s) of addition/renovation/demolition	Since owning the site, the offices were the only addition. The house in the northwest corner was demolished in 2007.
Number of storeys	2
Number of exits/entrances	10 bay doors and 4 doors.

Number of current occupants/ tenants	3 (Harper Detroit/Coach Canada, Arlington/Phoenix Crane, and Pilot Truck Training Academy Ltd.).
If vacant when was the last time the building was occupied and by whom	N/A
Type of manufacturing/warehousing/processing in building (current and past)	Garage for Harper Detroit/Coach Canada.
What are the waste management practices	Safety-Kleen comes in and disposes of waste produces every two months.
Chemical Storage	Several locations of chemical storage within Bay C and B.
Full/partial/no basement	No basement.
Heating type (Historic/current)	Natural gas fired heating units.
Wall material / paint type	Exposed steel in bays. Drywall in offices and washrooms.
Floor material	Poured concrete in bay. Vinyl, laminate and tile in offices and washrooms.
Ceiling material	Exposed steel in bays. Ceiling tiles and drywall in offices and washrooms.
Lighting type	Fluorescent, LED light bulbs and Sodium vapour lights.
Water damage	Potential in Bay A.
Exterior wall material	Steel
Roof material	Flat roof materials
Foundation type	Poured Concrete
Other	The last bay from the entrance historically had a loading dock. This was backfilled with granular material approximately 6 years ago.

EXTERIOR SITE FEATURES	
Source of clean water (Municipal)	Municipal
Source of waste water (Municipal)	Municipal
Surface water runoff (swale, catch basin)	Catch basins in the parking lot.
Man-made forms of standing water (ditches, pits, etc.)	None observed.
Natural Watercourses	A creek along the eastern property boundary.
Wells on site	Four (4) monitoring wells were installed by Exp in 2011, however, none was observed during the site visit.
Transformers on site	None observed.
Electrical generator on site	None observed.
Chemical storage on site	Yes, in several bays on-site.
stressed vegetation	None observed.
Stained material	None observed.
Fill material	None observed.
Debris	None observed.

Equipment	**Buses, RVs, Firetruck, crains and transport trucks parked throughout the parking lot.**	
Ground cover (Snow, grass, asphalt)	**Gravel, grass and overgrown vegetation.**	
Study site Slope	**Slight slope from west to east.**	
Miscellaneous	**n/a**	
	Current – AST	**Current – AST**
Location of AST	Outdoors in the driveway	Southeast of Bay C
Contents of AST	Deisel	Waste Oils
Material (fiberglass, steel)	Double walled - metal	Metal
Year installed/removed	Installed in 2007	Start date August 9, 2019
Secondary containment	No secondary containment	No secondary containment
How often filled	Unknown	Emptied every 2 months
Staining around base	No staining	No staining
Distressed vegetation?	No vegetation	On concrete – no vegetation
SURROUNDING LAND USE FEATURES		
North	Commercial – Dona's Hair Studio, Jerk Hut Cuisine, and Afro Caribbean Food Market	
South	Industrial - Niagara Peninsula Energy	
East	Vacant - a Creek	
West	Vacant – Future development is a Public School	
STUDY SITE AND ADJACENT LAND USE SKETCH		



Appendix H:

Site Photograph Log

Photo #	Study Site – Exterior	Description
1		Northwest portion of the site used by Pilot Truck Academy Ltd. and the Aboveground Storage Tank (AST) containing diesel fuel used by Coach Canada.
2		Northeast portion of the site used by Coach Canada, photo facing northeast.
3		Northern portion of the building, photo facing west.

Photo #	Study Site – Exterior	Description
4		South of the building, photo facing east.
5		Eastern portion of the building where two trailers are parked, photo facing south.
6		Western side of the building, photo facing south.

Photo #	Study Site – Exterior	Description
7		Oil and water separator noted west of the building, photo facing northwest.

Photo #	Study Site – Interior	Description
8		Fourth Bay door from the right, which marks the first portion of Bay B and C used by Coach Canada.

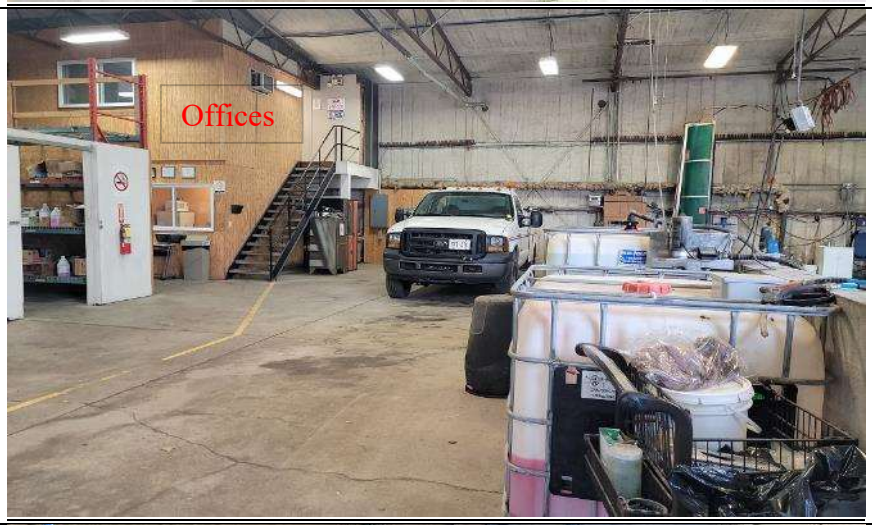
Photo #	Study Site – Interior	Description
9		Interior view of the first bay door referenced in Photo 8.
10		Fifth bay door from the right illustrating chemical storage, and offices.
11		Sixth bay from the right used as storage for Coach Canada.

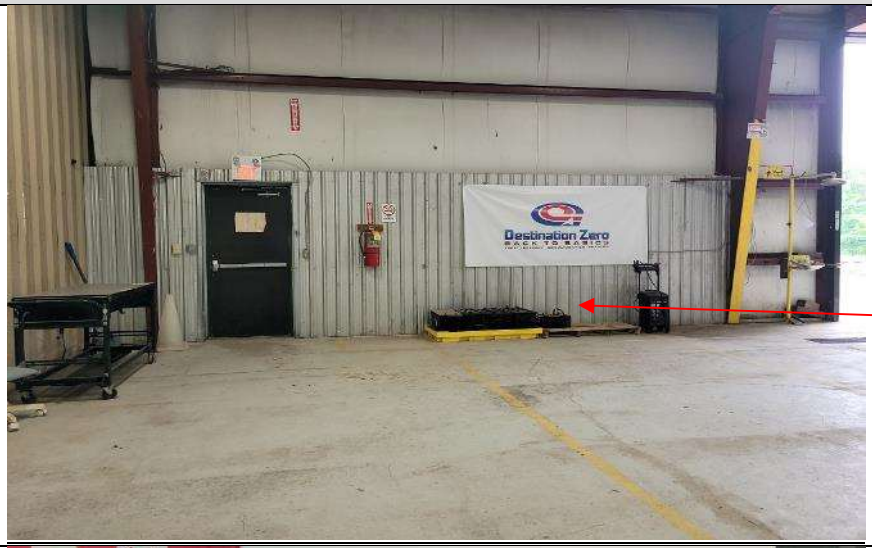
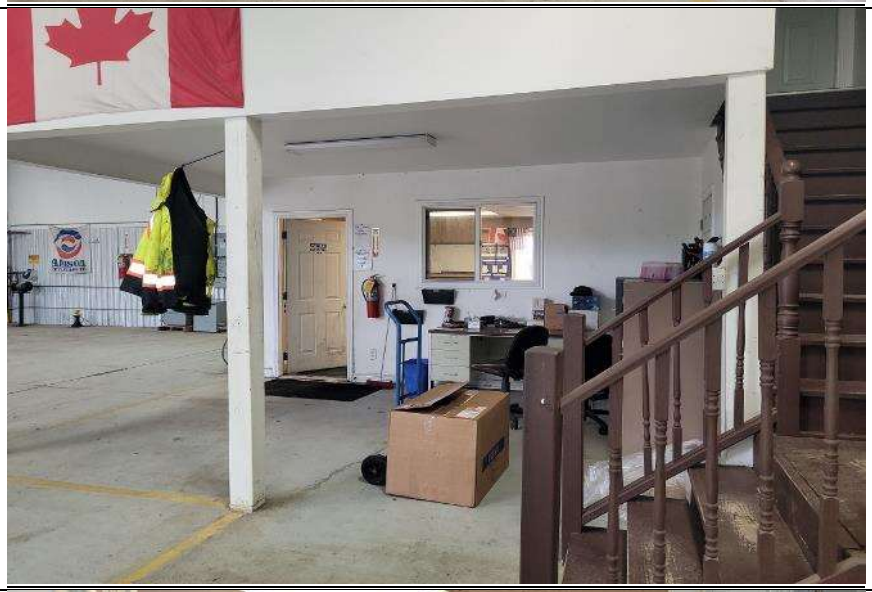
Photo #	Study Site – Interior	Description
12		Middle section between the sixth and seventh bay from the right. This area historically had a part washing station.
13		Offices, meeting room and washrooms extended from the view in Photo 10, between the sixth and seventh bay.
14		View of the main floor office.

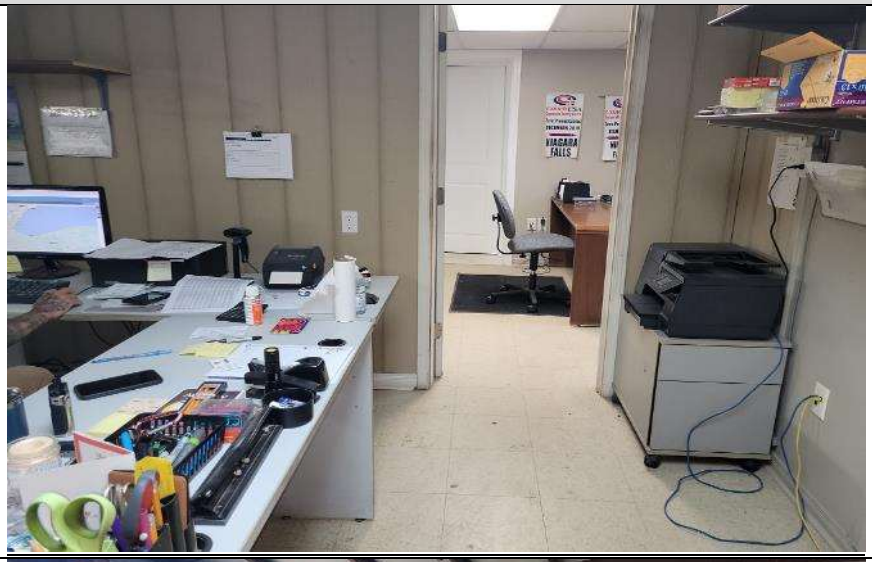
Photo #	Study Site – Interior	Description
15		View of the upstairs offices.
16		View of bay C consisting of the seventh to tenth bay from the right all used for Coach Canada.
17		View of the eighth bay from the right with oil changing supplies (drums, aboveground hoists and waist bins).

Photo #	Study Site – Interior	Description
18		View of drums between the ninth bay and the tenth bay from the right (last two bays from the left).
19		At the southern portion of the ninth bay there is an AST used for waste oils and a generator east of the AST. The AST is cleaned out every two months by Safety-Kleen.
20		The first three bays from the right are used by “Phoenix Crane”. A generator was noted in the southern portion of the building, a few scissor lifts and a floor drain along the northern portion of the building.

Photo #	Study Site – Interior	Description
21		Phoenix Cranes portion of the building.

Photo #	Study Site – Surrounding Properties	Description
22		South adjacent industrial property, Niagara Peninsula Energy, photo facing South.

Photo #	Study Site – Surrounding Properties	Description
23		Vacant lot (future development is community use - public school) west of the study site, past Kalar Road, photo facing west.
24		East adjacent vacant lot, photo facing east.
25		North adjacent commercial property (Dona's Hair Studio, Jerk Hut Cuisine, and Afro Caribbean Food Market), photo facing north.