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Phase One Environmental Site Assessment

4933 Victoria Avenue North
Vineland Station (Town of Lincoln), Ontario
L0R 2E0

Prepared for:

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21547

March 2022

1.0 EXECUTIVE SUMMARY

Landtek Limited (Landtek) is pleased to submit this Phase One Environmental Site Assessment (ESA) report for the property located at 4933 Victoria Avenue North, Vineland Station (Town of Lincoln), Ontario ("the Phase One Property" or "the Site" or "the Subject Property"). The work was initiated following authorization to proceed from Mr. Mario Bevacqua of JSL Management Inc. (the Client) in December of 2021.

The Phase One ESA was completed in accordance with the requirements of Ontario Regulation 153/04 (O. Reg. 153/04) (as amended) and generally with the requirements described in CSA Standard Z768-01.

Sampling and chemical analysis of soil, groundwater, and/or other materials was not carried out as part of this Phase One ESA.

The current land-use for the Site is industrial. The zoning of the area includes parkland, institutional, and residential land-uses. The Site is to be redeveloped into residential dwellings. Ontario Regulation 153/04 (O. Reg. 153/04) stipulates that for a change in land-use to a more sensitive use (i.e., from industrial to residential) a Record of Site Condition (RSC) must be prepared, filled, and approved by the Ministry of the Environment, Conservation and Parks (MOE) for the property. O. Reg. 153/04 stipulates that for a property, the Site Condition Standards (SCS) that are applicable to the property are the standards that are applicable to the most sensitive type of property use, in this case “residential” is the most sensitive land use, therefore the more stringent land-use (i.e., “residential”) is considered as the intended land-use.

Information sources for the development of a Conceptual Site Model was gathered from numerous sources (i.e., aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance), which reduces the risk of not identifying either a current or former property use for a potential contaminating activity (PCA).

SITE DESCRIPTION

The municipal address of the Site is 4933 Victoria Avenue North, in Vineland Station (Town of Lincoln), Ontario. The Phase One Property is rectangular in shape and comprises an area of approximately 1.6 hectares (4.0 acres) and is situated approximately 25 m north of the intersection of Laurie Avenue and Victoria Avenue North, in Vineland Station (Town of Lincoln), Ontario.

The Phase One Property is bound by residential properties to the south (followed by Laurie Avenue); a conservation area (including a stream) followed by residential properties to the east, Lake Ontario to the north, and Victoria Avenue North (followed by parkland, residential, and institutional properties) to the west. The Phase One Property is currently light industrial lands (northern portion) and commercial office space (central portion) with two (2) buildings present; the southern portion of the Site is vacant unutilized lands. Portions of the Site are regulated by the Niagara Peninsula Conservation Authority (NPCA).

Based on topography and mapping information of the area, the ground surface elevations indicate that the area generally slopes down to the north towards Lake Ontario and east towards NPCA lands ultimately draining into an unnamed creek located adjacent to the east of the Site. The local groundwater flow direction has been inferred to be in a northerly direction towards Lake Ontario, located adjacent to the north of the Site.

SUMMARY OF FINDINGS

The current land-use for the Site is commercial/industrial. Based on information sources reviewed, the Site land-use was historically vacant / industrial lands, upon which time the Site was developed with the current industrial building (early 1900s).

At the time of Landtek's Site visit, the Site consisted of one (1) industrial building located on the northern portion of the Site and one (1) commercial office building located on the southern portion of the Site, tenanted by the following:

- Northern Industrial use building: Northern portion was vacant, formerly tenanted by Vineland Manufacturing Ltd. (circa 1960s – late 2010s), a manufacturing facility specializing in manufactured metal components in all industries, including pressure tanks and manufacturing and testing of air brake components for the rail industry;
- Northern Industrial use building: Southeastern portion of the building tenanted by Toolneeds, a specialized tool manufacturer utilized as shipping and receiving warehouse (no manufacturing competed on-Site).
- Southern office building: Occupied by Cave Springs Construction, utilized as office space.

At the time of Landtek's Site visit, there was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any underground storage tanks (UST's). There was no evidence of above ground storage tank (AST) or chemical manufacturing/storage on the Site.

Based on a review of historical information sources (i.e., aerial photographs, environmental database searches, interviews, physical setting sources, a Site reconnaissance) various PCAs were identified for the Site and the Study Area, as summarized in the Table below. The following PCAs were anticipated to represent APECs on the Site:

- The north portion of the Site was utilized as a metal manufacturing facility (circa 1900s to 2020s), including hazardous waste generation and storage; and,
- A private gasoline service station was registered for the Site, installation date 1990.

CONCLUSIONS

Based on the findings of the records review, interviews and the Site reconnaissance completed, PCAs were identified that may have led to APECs at the Site. The PCAs are related to:

PCA	PCA	Location / Direction to the Site	APEC	Rational
A	Other 1: Waste Generation	The Site	Yes	The Site was registered as a generator of various wastes from 1997 to present, including halogenated solvents. Hazardous waste generation and storage on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
B	28. Gasoline and Associated Products Stored in Fixed Tanks	The Site	Yes	In 2012, the Site was registered as having an expired private fuel outlet, with one single wall diesel fuel UST, with an installation date of 1990. A private fuel outlet on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
C	34. Metal Fabrication	The Site	Yes	The Site was reported to manufacture various metal products. Metal fabrication on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
D	30. Importation of fill material of unknown quality	The Site	Yes	Historical activities on Site suggest fill material of unknown quality may have been imported onto the Site.
E	28. Gasoline and Associated Products Stored in Fixed Tanks	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction, this private gasoline service station is not considered a PCA which is not anticipated to represent an APEC on the Site.
F	Other 1: Waste Generation	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction, this registration as a generator of waste is considered a PCA which is not anticipated to represent an APEC on the Site.

Based on the above, the following is a summary of the PCAs, PCA locations, and associated APECs identified:

APEC[1]	Location of APEC on the Phase One Property	PCA [2]	Location of PCA (on-site or off- site)	Contaminants of Potential Concern [3]	Media Potentially Impacted (groundwater, soil, and/or sediment) [4]
1	Northern portion of the Site **PCA-A**	Other 1: Waste Generation	On-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and groundwater
2	Northern portion of the Site **PCA-B**	28. Gasoline and Associated Products Stored in Fixed Tanks	On-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and groundwater

3	Northern portion of the Site **PCA-C**	34. Metal Fabrication	On-Site	VOCs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and groundwater
4	Northern portion of the Site **PCA-D**	30. Importation of fill material of unknown quality	Off-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil

Notes:
1 - Area of Potential Environmental Concern (APEC) means the area on, in or under the Phase One Property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,
(a) Identification of past or present uses on, in or under the phase one property, and
(b) Identification of potentially contaminating activity.
2 - Potentially contaminating activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring in a Phase One Study Area.
3 - Identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011.
4 - Media Potentially Impacted refers to soil, groundwater, surface water or sediment.
Metals - metals including hydrides (As, Sb, Se, Hg)
PHCs - petroleum hydrocarbons fractions F1-F4
BTEX - benzene, toluene, ethylbenzene, and xylenes
VOCs – Volatile Organic Compounds
PAHs – Polyaromatic Hydrocarbons

RECOMMENDATIONS

Based on the results of the Phase One ESA, a Phase Two ESA is recommended to be completed for this Site to investigate the APECs identified prior to the submission of a Record of Site Condition.

A Record of Site Condition cannot be filed based on the Phase One ESA alone.

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2.0 INTRODUCTION

Landtek Limited (Landtek) is pleased to submit this Phase One Environmental Site Assessment (ESA) report for the property located at 4933 Victoria Avenue North, Vineland Station (Town of Lincoln), Ontario ("the Phase One Property" or "the Site" or "the Subject Property"), as shown on **Figure 1**. The work was initiated following authorization to proceed from Mr. Mario Bevacqua of JSL Management Inc. (the Client) in December of 2021.

The current land-use for the Site is as commercial and light industrial land. The zoning of the area includes community and residential land-uses. The Site is to be redeveloped into residential dwellings. Ontario Regulation 153/04 (O. Reg. 153/04) stipulates that for a change in land-use to a more sensitive use (i.e., from industrial to residential) a Record of Site Condition (RSC) must be prepared, filled, and approved by the Ministry of the Environment, Conservation and Parks (MOE) for the property.

It is understood that this work is required as part of the future redevelopment of the Site including the requirement for an RSC submission. As such, this Phase One ESA has been completed in accordance with O. Reg. 153/04. The purpose of the Phase One ESA was to assess if evidence of potential and/or actual environmental contamination exists at the Site as a result of current and/or past activities at the Site and/or neighbouring properties located within 250 m of the Site (Phase One Study Area).

On February 2, 2022, Ms. Nicole Harper, H.B.Sc. of Landtek conducted a walkover of Site and the Phase One Study Area (i.e., properties located within 250 m of the Site) in conjunction with a review of regulatory/historical information pursuant to O. Reg. 153/04. Landtek was accompanied by the Site Representative for the walkover of the Site and for the walkover of the Study Area which involved the assessment of visible, publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area.

(a) Phase One Property Information

The Phase One Property is rectangular in shape and comprises an area of approximately 1.6 hectares (4.0 acres) and is situated approximately 25 m north of the intersection of Laurie Avenue and Victoria Avenue North, in Vineland Station (Town of Lincoln), Ontario, as shown on **Figure 1**.

The Phase One Property is bound by residential properties to the south (followed by Laurie Avenue); a conservation area (including a stream) followed by residential properties to the east, Lake Ontario to the north, and Victoria Avenue North (followed by parkland, residential, and institutional properties) to the west. The Phase One Property is currently light industrial lands (northern portion) and commercial office space (central portion) with two (2) buildings present; the southern portion of the Site is vacant unutilized lands.

Portions of the Site are regulated by the Niagara Peninsula Conservation Authority, as shown on **Figure 2**.

The Site consisted of one (1) commercial/industrial building located on the northern portion of the Site and one (1) office building located on the southern portion of the Site, tenanted by the

following:

- Northern Industrial use building: Northern portion was vacant, formerly tenanted by Vineland Manufacturing Ltd. (circa 1960s – late 2010s), a manufacturing facility specializing in manufactured metal components in all industries, including pressure tanks and manufacturing and testing of air brake components for the rail industry;
- Northern Industrial use building: Southeastern portion of the Toolneeds, a specialized tool manufacturer utilized as shipping and receiving warehouse (no manufacturing competed on-Site); and,
- Southern office building: Occupied by Cave Springs Construction, utilized as office space.

3.0 SCOPE OF THE INVESTIGATION

The Phase One ESA was completed in accordance with O. Reg. 153/04, as amended under the Environmental Protection Act and in general accordance with the Phase One requirements described in CSA Standard Z768-01. The Phase One ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination at a property. The Phase One ESA satisfies the requirements of O. Reg. 153/04 and as such can be used to support the preparation of an RSC.

The Phase One ESA does not include sampling or testing of air, soil, groundwater, or building materials. These analyses would be conducted in a Phase Two ESA or designated hazardous substance survey, if warranted.

The current land-use for the Site is commercial and industrial. Based on information sources reviewed, the Site land-use was historically agricultural, industrial and/or vacant lands, upon which time the Site was developed with the current northern building (early 1900s). Consequently, pursuant to Section 32 (b) (11) of 0. Reg. 153/04, the Site is considered an 'enhanced investigation property' as the Site was historically utilized for industrial and/or commercial use, as discussed in **Section 7 (q)**.

The Phase One Study Area includes the Site and all other properties located wholly or in part within 250 m of the boundaries of the Site. The qualified person for this ESA determined that no properties more than 250 m away from the Site boundaries needed to be included in the Phase One Study Area.

The general objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- To determine the need for a Phase Two ESA; and,
- To aid in the development of a Phase Two ESA scope of work, if required.

The scope of work for the Phase One ESA consisted of the following:

- A records review which included the following (where available), but not limited to:
  - Publicly available city directories, aerial photographs, fire insurance plans, geological and topographical maps;
  - Fire insurance plans (FIPs), property underwriter's reports, if available;
  - A land title search to determine the ownership history of the Site;
  - Verifying aspects of historical regulatory compliance with the Ontario Ministry of the Environment, Conservation and Parks (MOE);
  - MOE documents regarding the potential historical use of the Site for waste disposal sites, coal gasification plant waste sites, industrial sites which produced or used coal tar and related tars and PCB storage sites;
  - Ecolog Environmental Risk Information Service (Ecolog) environmental database search for agency records, applicable to the Site and Phase One Study Area;
- Interviews with persons knowledgeable of the Site and Study Area, including representatives of the present owner.

4.0 RECORDS REVIEW

The review and evaluation of available records for the Phase One Property and Phase One Study Area are presented in the sections below.

(a) General

Based on historical information and the Town of Lincoln and Region of Niagara zoning and land use data, the Phase One Property and Phase One Study Area have historically been developed for mixed residential and/or institutional land-use. The Phase One Study Area within a distance of 250 m radius from the Phase One Property is considered applicable for this Phase One ESA.

The Phase One Property and Phase One Study Area are shown in **Figure 1**.

(b) First Developed Use Determination

Based on historical records including a Chain of Title search and aerial photograph review, the first developed use of the Site was the early 1900s when the current on-Site building located on the northern portion of the Site was constructed.

(c) Fire Insurance Plans (FIPs) and Underwriters' Reports

Fire Insurance Plans (FIPs) and Underwriters Reports for the Site and the Phase One Study Area were requested from Ecolog ERIS. A response indicated that there were no FIPs or Underwriters Report records found for the Site or the Phase One Study Area.

(d) Municipal Directory Search

A City Directory search was completed by Ecolog ERIS for the Site and selected surrounding property addresses. The Polk's Hamilton Area Wide, Ontario Criss-City Directory contained the following listings for the Site and the immediately adjacent properties. Vineland Station, Ontario, was listed from 1998 to 2000 within the city directory archives.

Table 1: Occupancy Search Site and Adjacent Properties

Address	Year	Occupancy
Site		
4933 Victoria Avenue North	1998 – 2000	Street Not Listed
Adjacent Properties		
3397 Victoria Avenue North	1998 – 2000	Street Not Listed
4890 Victoria Avenue North	1998 – 2000	Street Not Listed
4902 Victoria Avenue North	1998 – 2000	Street Not Listed
4919 Victoria Avenue North	1998 – 2000	Street Not Listed

No PCAs associated with the Site and Study Area were identified from the review of the occupancy search.

5.0 ENVIRONMENTAL SOURCE INFORMATION

(a) Ecolog Environmental Risk Information Service (ERIS)

An Ecolog ERIS search provides information from federal, provincial, and private source databases and was searched for information relating to the Site and the Study Area. The Ecolog ERIS report is presented in **Appendix A**. The available databases were searched to determine if the Site, adjoining and/or neighboring properties were listed and if the listing(s) relate to actual or potential environmental contamination to the Site.

A total of 47 Provincial, Federal, and/or Private Records were available for the Site and a total of 93 records were listed for the 0.25 km search radius from ERIS. Based on the nature of the listing and the distance to the Site the environmentally significant database records are summarized in **Table 3** below:

Table 3: ERIS Records – Site and Phase One Study Area

Property Address	Approximate Distance (m) /Direction to Site	Database / Source of Information	Details	Concerns
4937 Victoria Avenue Vineland Manufacturing Ltd.	The Site	Scotts Manufacturing Directory	The Site was registered for fabricated plate work (boiler shop) and fabrication pipe, railroad rolling stock manufacturing, ball and roller bearing manufacturing, and pipe fitting manufacturing. Established in 1940.	Based on the industrial usage of the Site, this waste generator registration and diesel UST and metal fabrication are considered PCAs which are anticipated to represent an APEC on the Site. Based on the gaseous nature of the release, the other registered activities are not anticipated to be a concern to the Site.
		Environmental Registry	The Site was granted approval for discharge into the natural environment other than water (i.e., Air)	
		National Pollutant Release Inventory	From 1989 – 2016, the Site was monitoring the release of VOCs, lead, toluene, and manganese through air (stack) emissions	
		Certificates of Approval	The Site was granted a Certificate of Approval for three (3) paint spray booths and one (1) storage room discharging paint solvent, and one (1) welding station, all discharging to the atmosphere via roof mounted exhaust fans except for the paint storage room which will discharge via a wall mounted fan.	

Property Address	Approximate Distance (m) /Direction to Site	Database / Source of Information	Details	Concerns
		ERIS Historical Searches	Environmental Risk Reports were completed for the Site	
		O. Reg 347 Waste Generators Summary	The Site was listed as a generator of aromatic solvents, acid waste – heavy metals, alkaline phosphates, paint/pigment/coating residues, petroleum distillates, waste oils and lubricants, emulsified oils, alkaline wastes – other metals, organic laboratory chemicals, inorganic laboratory chemicals, transfer station oils, and halogenated pesticides from 1989 to 2018. The Site was registered to generate amines, wastes from the use of pigments, coatings and paints, waste oils/sludges, wastes from the use of pigments, waste cranks case oils and lubricants, and emulsified oils in 2020.	
		Delisted Fuel Tanks and Fuel Storage Tanks	In 2012, the Site was registered as having an expired private fuel outlet, with one single wall diesel fuel UST, with an installation date of 1990.	
		Water Well Information System	In 2017, an observation well was reported to have been installed on the Site. Stratigraphy was reported as brown clay sand, underlain by brown till, underlined by red Shale bedrock to the maximum depth drilled (4.6 m). Groundwater depth was not reported.	

Property Address	Approximate Distance (m) /Direction to Site	Database / Source of Information	Details	Concerns
4890 Victoria Avenue South Ministry of Agriculture and Food	Approximately 20 m west of the Site	Private and retail fuel storage tanks and Historical Fuel Storage Tanks	Registered to have a private station with a 9,000 L capacity. In 2008, registered as having a private gasoline station with two gasoline USTs and one diesel UST with installation dates of 1981 and 1990.	Based on the inferred groundwater flow direction to the north, this property is considered a PCA which is not anticipated to represent an APEC on the Site.
		O. Reg 347 Waste Generators Summary	This property was listed as a generator of halogenated solvents, aliphatic solvents, light fuels, acid waste – heavy metals, petroleum distillates and waste oils and waste oils, halogenated pesticides and herbicides, organic laboratory chemicals, and inorganic laboratory chemicals from 1992 to 2021.	
Various	Various	Water Well Information System	Six (6) groundwater wells were reported in the Study Area. Stratigraphy was generally reported as brown silty clay till underlined by red Shale bedrock. Groundwater was reported at depths ranging from (6 feet to 10 feet) 1.8 m to 3.0 m below ground surface.	None.

Based on the reviewed Ecolog Report completed on the Site, the following potential contaminating activities (PCAs) were identified for the Site and/or for the neighbouring/surrounding properties:

PCA	Location / Direction to the Site	APEC	Rational
Other 1: Waste Generation	The Site	Yes	The Site was registered as a generator of various wastes from 1997 to present, including halogenated solvents. Hazardous waste generation and storage on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.

PCA	Location / Direction to the Site	APEC	Rational
28. Gasoline and Associated Products Stored in Fixed Tanks	The Site	Yes	In 2012, the Site was registered as having an expired private fuel outlet, with one single wall diesel fuel UST, with an installation date of 1990. A private fuel outlet on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
34. Metal Fabrication	The Site	Yes	The Site was reported to manufacture various metal products. Metal fabrication on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
28. Gasoline and Associated Products Stored in Fixed Tanks	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction, this private gasoline service station is not considered a PCA which is not anticipated to represent an APEC on the Site.
Other 1: Waste Generation	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction, this registration as a generator of waste is considered a PCA which is not anticipated to represent an APEC on the Site.

(b) Areas of Natural Significance (ANSI)

Landtek requested an ANSI search via Ecolog ERIS for the Site and the Phase One Study Area, which was utilized to determine if any life science or earth science ANSI were located on the Site and/or surrounding properties. No ANSIs were reported to be on Site or within the Study Area (i.e., 250 m buffer from the Site edges).

Based on the review of the ANSI map, Landtek determined that the Phase One Site **is** considered to include or in part be within 30 meters of a water body (Lake Ontario is located adjacent to the north of the Site and an unnamed creek is located adjacent to the east of the Site).

Portions of the Site are regulated by the Niagara Peninsula Conservation Authority, as shown-on **Figure 2**.

(c) Reports Submitted to the MOE (under Freedom of Information)

A request was sent to the MOE Freedom of Information (FOI) and Protection of Privacy office in order to determine if there were any recorded environmental issues or violations associated with the Site and/or have issued any approvals , licenses, or permits for the locations, including registration as a PCB storage facility, and/or if a waste generator number has ever been assigned to any of the properties, issued control orders or violation notices, and/or if the MOE has knowledge or record that any of the subject properties have ever been used or is currently being used for waste disposal.

A response to the above noted request was not received at the time of report preparation. If the response contains relevant environmental information relating to the Site, an addendum to this report will be issued.

(d) Physical Setting Sources

5.d.1 Historical Map and Aerial Photographs

A historical map of the Township of Clinton dated 1875 was reviewed and the relevant portion is presented in **Appendix B**. Information attained from this map indicates that the area of the subject site was owned by Hiram H. Horn and appears to have been used as agricultural/estate land.

Aerial photographs of the Site and Study Area were obtained from Niagara Conservation Area mapping, Ecolog ERIS, Google Earth and McMaster University Library satellite imagery. The photographs are presented in **Appendix B** and the information from these sources is summarized in **Table 4** below.

Table 4: Aerial Photograph Information

Year	Site	Study Area
1931	Multiple buildings are constructed on the northern portion of the Site, in the same location as the current building. The southern portion of the Site appears to be utilized as agricultural lands.	The surrounding land use appear to be predominantly agricultural and/or residential in use. Vineland Avenue North is constructed to the west of the Site. Stream adjacent to the east of the Site is present.
1934	Consistent with above.	Consistent with above.
1954	Northern portion building/Site, consistent with above. The building located on the southern portion of the Site is constructed (currently utilized as office space). No longer agricultural usage.	Consistent with above. Sparce development to the south of the Site, assumed residential in nature.
1972	Consistent with above.	Development intensifying to the south of the Site.
2006	Consistent with above.	Residential development to the south and east of the Site constructed.
2015	Consistent with above.	Consistent with above.
2018	Consistent with above.	Consistent with above.

Based on the reviewed aerials, the following potential contaminating activity (PCA) was identified for the Site and/or for the neighbouring/surrounding properties:

PCA	Location / Direction to the Site	APEC	Rational
30. Importation of fill material of unknown quality	The Site	Yes	Historical activities on Site suggest fill material of unknown quality may have been imported onto the Site.

(e) Topography, Hydrogeology and Geology

Geological and Hydrogeological information sources were reviewed to determine the nature of the subsurface strata on Site. The Ontario Geology Survey has a web application, OGS Earth, which provides geoscience data, collected by the Mines and Minerals division, which can be viewed using user-friendly geographic information programs such as Google Earth. The Surficial Geology and Bedrock Geology applications were reviewed to determine the geologic characteristics mapped at the Site. A review of this data as well as MOE water well records indicate that the predominant Quaternary geology at the Site likely consists of coarse textured glaciolacustrine deposits of sand, gravelly sand and gravel underling the Site.

The Bedrock geology at the Site likely consists of limestone, shale, dolostone, and siltstone of the Queenston Formation.

Based on a search of the MOE water well records, red shale bedrock was reported to range from approximately 9.7 m (32 ft) to 11.3 m (37 ft) below ground surface and depth to static groundwater was reported to range from (6 feet to 10 feet) 1.8 m to 3.0 m below ground surface.

Based on topography and mapping information of the area, the ground surface elevations indicate that the area generally slopes down to the north towards Lake Ontario and east towards NPCA lands ultimately draining into an unnamed creek located adjacent to the east of the Site. The local groundwater flow direction has been inferred to be in a northerly direction towards Lake Ontario, located adjacent to the north of the Site. Shallow ground water direction may be influenced by trenches for municipal infrastructure, underground utilities, conduits, structures, variations in subsurface strata, and changes in local topography.

(f) Fill Material

Based on the available background documentation reviewed, fill material was inferred to be on Site.

PCA	Location / Direction to the Site	APEC	Rational
30. Importation of fill material of unknown quality	The Site	Yes	Historical activities on Site suggest fill material of unknown quality may have been imported onto the Site.

(g) Water Bodies

All reasonable inquiries were made to review the nearest bodies of water and results indicate that the closest water body to the Phase One Property is Lake Ontario, which is located approximately

adjacent to the north of the Phase One Property and an unnamed stream located adjacent to the east of the Site.

(h) Well Records

A search of the MOE Water Well Records database was reviewed for the Site and the Phase One Study Area. Ten (10) wells were reported to be located in the Study Area.

One (1) water well was located on the western portion of the Site (as shown on **Figure 1**), according to the Site contact the groundwater monitoring wells was not installed by the Client (i.e., property owners) and no details are known. Stratigraphy was described as fill (0 – 1.5 m bgs), underlain by brown till (1.5 – 3.0 m bgs), underlain by red Shale bedrock (3.0 – 4.5 m bgs). This well is assumed destroy as it was not found at the time of the Site visit.

(i) Site Operating Records

The following site records were requested (in accordance with O. Reg. 153/04) but no information was able to be found or reported for review.

- Material Safety Data Sheets
- Inventories of chemicals, chemical usage, and chemical storage areas
- Inventory of above ground storage tanks and underground storage tanks.
- Waste management records
- Records of spills and records of discharges
- Emergency response and contingency plans, including spill prevention.
- Environmental Audit Reports

6.0 INTERVIEWS

An interview was conducted regarding the current and historical Site conditions with Ms. Tracy Murray, for the Site on February 2, 2022 during the Site Visit and via e-mail (various dates). Ms. Murray has been associated with the Site for at least 10 years. The following is a summary of the information obtained:

- The Site was historically utilized as a metal manufacturing facility (circa 1900s to late 2010s);
- The Site area as defined by Ms. Murray is depicted on **Figure 1** and **Figure 2**. A survey was not provided top Landtek for review;
- No information is known about the reported private gasoline station (**Section 5a**);
- Historically, two (2) paint booths were located on the Site (**Figure 2**);
- No chemicals are currently manufactured or stored; additionally, no USTs or ASTs are currently installed on the subject Site; and,
- Various chemicals were historically utilized and stored on the northern portion of the Site. As discussed in **Section 5 i** an inventory/list was not provided to Landtek for review.

The following concerns were identified from the interview responses:

PCA	Location / Direction to the Site	APEC	Rational
Other 1: Waste Generation	The Site	Yes	Various chemicals were historically utilized and stored on the northern portion of the Site. The Site was registered as a generator of various wastes from 1997 to present, including halogenated solvents. Hazardous waste generation and storage on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
34. Metal Fabrication	The Site	Yes	The Site was reported to manufacture various metal products. Metal fabrication on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.

PCA	Location / Direction to the Site	APEC	Rational
28. Gasoline and Associated Products Stored in Fixed Tanks	The Site	Yes	No information was provided by the Client, therefore, assumed to be located on the northern (i.e., developed) portion of the Site. In 2012, the Site was registered as having an expired private fuel outlet, with one single wall diesel fuel UST, with an installation date of 1990. A private fuel outlet on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.

7.0 SITE RECONNAISSANCE

On February 2, 2022, Ms. Nicole Harper, H.B.Sc. of Landtek conducted a walkover of Site and the Phase One Study Area (i.e., properties located within 250 m of the Site) in conjunction with a review of regulatory/historical information pursuant to O. Reg. 153/04. Landtek was unaccompanied for the walkover of the Study Area which involved the assessment of visible, publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area.

(a) General Requirements

Date and Time of Investigation	February 2, 2022; 9:00 pm to 12:00 pm
Weather Conditions	Overcast, 5 degrees C
Facility Operating During Site Reconnaissance	Northern Industrial use building: Northern portion was vacant, formerly tenanted by Vineland Manufacturing Ltd. (circa 1960s – late 2010s), a metal manufacturing facility. Northern Industrial use building: Southeastern portion of the building tenanted by Toolneeds, a specialized tool manufacturer utilized as shipping and receiving warehouse (no manufacturing competed on-Site). Southern office building: Occupied by Cave Springs Construction, utilized as office space
Qualifications of the Person Conducting Investigations	Principal Site Investigator: Nicole Harper, H. B.Sc. Qualified Person: Paul Blunt, P.Eng.

Photographs of typical site conditions were taken, and selected photographs are provided in **Appendix C**.

(b) Building Exit and Entry Points

The building on the Site has multiple entry and exit points including main doors and shipping doors on north and south side and a receiving door and 2 docks on the east side.

(c) Aboveground and Underground Storage Tanks

There was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any underground storage tanks (UST's). There was no evidence of any above ground storage tanks (ASTs) or chemical manufacturing/storage on the Site.

(d) Drains, Pits and Sumps

No floor drains, sump pumps and/or pits were observed during the visual Site inspection.

(e) Unidentified Substances

No unidentified substances were observed during the visual Site inspection.

(f) Staining and Corrosion

No staining or corrosion was observed during the visual Site inspection.

(g) Existing and Former Wells

No groundwater wells were observed on the Site.

Water is currently supplied to the Site and surrounding properties from municipal sources.

(h) Specific Observations at Phase One Property

The Phase One Property is currently utilized as a commercial/industrial facility.

(i) Building Descriptions

At the time of the Site visit, the Phase One Property was developed with one (1) commercial/industrial facility on the north portion of the Site (circa early 1900s) and one (1) office building (former residential) on the southern portion.

(j) Exterior Site Conditions

The surficial features included asphalt, concrete, gravel, and grassed areas.

There was no evidence of stained or odorous soils at the time of the Site visit.

(k) Underground Utilities, Services and Sewage Works

The Site and the Phase One Study Area are serviced with electricity, natural gas, telecommunications, municipal sanitary and storm sewers.

(l) Stressed Vegetation

There was no evidence of vegetation stress at the time of the Site visit.

(m) Fill Materials

No fill material was observed at the time of the Site inspection, although some fill material has historically been imported to the Site.

(n) Potentially Contaminating Activity

No PCAs were observed on-Site during the Site visit.

(o) Watercourses, Ditches or Standing Water

No watercourses, ditches or standing water were observed on the Phase One Property at the time of the Site visit.

(p) Air Emissions

No air emissions were being generated from the Phase One Property at the time of the Site visit.

(q) Enhanced Investigation Property

Enhanced Investigation Property, as defined in the O. Reg. 153/04, outlines how a Phase One Property is to be considered an Enhanced Investigation Property if the property is used, or has ever been used, in whole or in part for an industrial use (which involves assembling, fabricating, manufacturing, processing, producing, storing, warehousing, or distributing goods or raw materials) or for a garage, bulk liquid dispensing facility or dry-cleaning operation.

The Phase One Property is therefore, considered an enhanced investigation property.
Table 5 below outlines the available information for the Enhanced Investigation Property.

Table 5: Enhanced Investigation Property Information

Enhanced Investigation	Details
Operations at the Site	The Site had 1 building at the time of the visual site inspection. Historically, the Site was used as a metal manufacturing facility since the 1900s.
Hazardous Materials	No hazardous materials were being used or stored at the Site at the time of the visual site inspection. No other details regarding the use or storage of any historical hazardous materials were available at the time of the visual site inspection or during the writing of this report.
Products Manufactured	No products were being manufactured at the Site at the time of the visual site inspection. Products historically manufactured at the Site included metal products. No other details regarding products historically manufactured at the Site were available at the time of the visual site inspection or at the time of the writing of this report.
By-Products and Wastes	No details regarding the use or storage of any historical hazardous materials were available at the time of the visual site inspection or during the writing of this report. Typical by-products and wastes associated with metals manufacturing include lead, mercury, cadmium, aliphatic solvents, and waste oils and lubricants. The Ecolog ERIS report identified that the Site was a registered waste generator from 1989 to 2020 for wastes such as inorganic sludges, slurries or solids, misc. waste organic and inorganic chemicals, aliphatic solvents, and waste oils and lubricants.
Raw Materials Handling and Storage Locations	No stockpiles of raw materials were identified across the Site, as determined from the aerial photographs. No other details regarding the raw materials handling and storage locations were available at the time of the visual site inspection or during the writing of this report.
Drums, Totes and Bins	No details regarding the use or storage of any historical drums, totes or bins were available at the time of the visual site inspection or during the writing of this report.
Oil/Water Separators	No oil/water separators were identified during the visual site inspection. No details regarding the use of any historical oil/water separators were available at the time of the visual site inspection or during the writing of this report.
Vehicle and Equipment Maintenance Areas	No vehicle and equipment maintenance areas were identified during the visual site inspection. No details regarding the use of any historical vehicle and equipment maintenance areas were available at the time of the visual site inspection or during the writing of this report.

Spills	No spills were reported for the Site within the databases searched through Ecolog ERIS and no spills were reported during the interviews with the present owner of the Site. No visual evidence of spills was observed during the visual site inspection of the Site.
Liquid Discharge Points	A surface drainage feature runs parallel to the Site adjacent to the east of the Site. No other details regarding the locations of any other historical liquid discharge points were available at the time of the visual site inspection or during the writing of this report.
Hydraulic Lift Equipment	No hydraulic lift equipment was identified during the visual site investigation. No details regarding the use or locations of any historical hydraulic lift equipment were available at the time of the visual site inspection or during the writing of this report.

(r) Written Description of Investigation

7.r.1 Investigation Details

Landtek conducted a Site reconnaissance of the Phase One Property to document in detail all areas of the Site.

The exterior of the Phase One Property was visually inspected to document the location of underground utilities and service corridors; water wells; ground cover; areas of stained soil, vegetation and/or pavement; stressed vegetation; areas where fill and debris material appear to have been placed or graded; potentially contaminating activities; and unidentifiable substances.

The properties within the Phase One Study Area were visually inspected from public access ways to identify, locate and document potentially contaminating activities, water bodies, and areas of natural significance.

Photographs were taken to record findings during the Site reconnaissance. Selected photographs taken during the Site reconnaissance are presented in **Appendix C**.

7.r.2 Investigation of Site Visit Findings

The current land-use for the Site is commercial/industrial. Based on information sources reviewed, the Site land-use was historically vacant / industrial lands, upon which time the Site was developed with the current industrial building (early 1900s).

At the time of Landtek's Site visit, the Site consisted of one (1) industrial building located on the northern portion of the Site and one (1) commercial office building located on the southern portion of the Site, tenanted by the following:

- Northern Industrial use building: Northern portion was vacant, formerly tenanted by Vineland Manufacturing Ltd. (circa 1960s – late 2010s), a manufacturing facility specializing in manufactured metal components in all industries, including pressure tanks and manufacturing and testing of air brake components for the rail industry;
- Northern Industrial use building: Southeastern portion of the building tenanted by Toolneeds, a specialized tool manufacturer utilized as shipping and receiving warehouse (no manufacturing competed on-Site).
- Southern office building: Occupied by Cave Springs Construction, utilized as office space.

At the time of Landtek's Site visit, there was no observed evidence of fill pipes, breather pipes or ground depressions that may indicate the presence of any underground storage tanks (UST's). There was no evidence of above ground storage tank (AST) or chemical manufacturing/storage on the Site.

Based on a review of historical information sources (i.e., aerial photographs, environmental database searches, interviews, physical setting sources, a Site reconnaissance) various PCAs were identified for the Site and the Study Area, as summarized in the Table below. The following PCAs were anticipated to represent APECs on the Site:

- The north portion of the Site was utilized as a metal manufacturing facility (circa 1900s to 2020s). Including hazardous waste generation and storage; and,
- A private gasoline service station was registered for the Site, installation date 1990.

There are some contaminants of concern (COCs) associated with the historical presence of fill being imported across the northern and central areas of the Site.

8.0 REVIEW AND EVALUATION OF INFORMATION

(a) Current and Past Uses

Current and past uses of the Site were determined from historical aerial photographs, interviews, previous environmental reports, chain of title documents and city directories.

The Site is currently zoned mixed industrial. Based on information sources reviewed, the Site land-use was historically vacant / undeveloped lands, upon which time the Site was developed with an industrial building (early 1900s) on the northern portion of the Site.

(b) Potentially Contaminating Activity

Based on the findings of the records review, interviews and the Site reconnaissance completed, PCAs were identified that may have led to APECs at the Site. The PCAs are related to:

PCA	PCA	Location / Direction to the Site	APEC	Rational
A	Other 1: Waste Generation	The Site	Yes	The Site was registered as a generator of various wastes from 1997 to present, including halogenated solvents. Hazardous waste generation and storage on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
B	28. Gasoline and Associated Products Stored in Fixed Tanks	The Site	Yes	In 2012, the Site was registered as having an expired private fuel outlet, with one single wall diesel fuel UST, with an installation date of 1990. A private fuel outlet on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
C	34. Metal Fabrication	The Site	Yes	The Site was reported to manufacture various metal products. Metal fabrication on the Site, is considered a PCA which is anticipated to represent an APEC on the Site.
D	30. Importation of fill material of unknown quality	The Site	Yes	Historical activities on Site suggest fill material of unknown quality may have been imported onto the Site.
E	28. Gasoline and Associated Products Stored in Fixed Tanks	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction to the north, this private gasoline service station is not considered a PCA which is not anticipated to represent an APEC on the Site.
F	Other 1: Waste Generation	4890 Victoria Avenue South / Approximately 20 m west of the Site	No	Based on the elevation in relation to the Site and the inferred groundwater flow direction to the north, this registration as a generator of waste is considered a PCA which is not anticipated to represent an APEC on the Site.

(c) Areas of Potential Environmental Concern

The following is a summary of the PCA, PCA location, and associated APEC identified:

APEC[1]	Location of APEC on the Phase One Property	PCA [2]	Location of PCA (on-site or off- site)	Contaminants of Potential Concern [3]	Media Potentially Impacted (groundwater, soil, and/or sediment) [4]
1	Northern portion of the Site **PCA-A**	Other 1: Waste Generation	On-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and/or groundwater
2	Northern portion of the Site **PCA-B**	28. Gasoline and Associated Products Stored in Fixed Tanks	On-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and/or groundwater
3	Northern portion of the Site **PCA-C**	34. Metal Fabrication	On-Site	VOCs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil and/or groundwater
4	Northern portion of the Site **PCA-D**	30. Importation of fill material of unknown quality	Off-Site	BTEX and PHCs, VOCs, PAHs, and Metals, CN-, B(HWS), Hg, SAR, EC	Soil

1 - Area of Potential Environmental Concern (APEC) means the area on, in or under the Phase One Property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,
(c) Identification of past or present uses on, in or under the phase one property, and
(d) Identification of potentially contaminating activity.
2 - Potentially contaminating activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring in a Phase One Study Area.
3 - Identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011.
4 - Media Potentially Impacted refers to soil, groundwater, surface water or sediment.
Metals - metals including hydrides (As, Sb, Se, Hg)
PHCs - petroleum hydrocarbons fractions F1-F4
BTEX - benzene, toluene, ethylbenzene, and xylenes
VOCs – Volatile Organic Compounds
PAHs – Polyaromatic Hydrocarbons

(d) Phase One Conceptual Site Model

Information sources for the development of a Conceptual Site Model was gathered from numerous sources (i.e., aerial photographs, environmental database searches, physical setting sources, interviews, and a Site reconnaissance}, which reduces the risk of not identifying either a current or former property use for a PCA.

The existing buildings, adjacent property uses, roadways, water wells, locations of PCAs, geological information and inferred groundwater flow direction is identified in the Phase One Conceptual Site Model (CSM) provided in **Figure 2.**

9.0 CONCLUSIONS

(a) Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

Based on the results of the Phase One ESA, a Phase Two ESA is recommended to be completed for this Site to investigate the APECs identified prior to the submission of a Record of Site Condition.

(b) Record of Site Condition Based on Phase One Environmental Site Assessment Alone

A Record of Site Condition cannot be filed based on the Phase One ESA alone.

(c) Signatures

Closure

We trust this report is satisfactory for your purposes. If you have any questions regarding our submission, please do not hesitate to contact this office.

Yours truly,

LANDTEK LIMITED

Nicole Harper, H. B.Sc.

Paul Blunt, P.Eng. QP_{ESA}

Qualifications

Mr. Paul J Blunt, P.Eng. is a Senior Environmental Engineer with Landtek and has conducted and supervised Phase One ESAs for 35 years. Mr. Blunt obtained a B.Sc. in Chemical Engineering from University of Windsor in 1987 and is a licensed Professional Engineer in the Province of Ontario. Mr. Blunt has conducted and supervised Phase One Environmental Site Assessments over 1500 environmental site assessments on a variety of agricultural, residential, industrial, commercial, and industrial properties. Mr. Blunt also has extensive experience in conducting Phase Two Environmental Site Assessments and is therefore familiar with how to assess potential concerns identified during the Phase One ESA. Mr. Blunt has conducted and supervised environmental projects throughout Canada, the United States and Australia.

Limitations

This report was prepared for the sole use of the Client, their legal counsel, and Client designated and authorized financial and mortgage institutions. It is intended to provide an evaluation of the current environmental conditions at the subject site. Any use of this report, or decisions made based on it, by an unauthorized party, is the responsibility of the unauthorized party. Landtek Limited accepts no responsibility for damages of any type suffered by the unauthorized party as a result of actions or decisions made based on this report.

The conclusions and recommendations given in this report are based on information obtained from various sources noted and a visual examination of the site. It is based on the conditions of the subject property at the time of the field investigation supplemented by a review of historical information to assess environmental conditions at the site reported. Landtek Limited assumes that information provided by others is factual and accurate, and accepts no responsibility for any deficiency, misstatement, of inaccuracy in this report from information provided by others.

Sampling and analysis of soil, groundwater, or other materials was not carried out as part of the scope of work. The findings of the assessment cannot be extended to reflect portions of the site that were unavailable for direct observation by Landtek Limited.

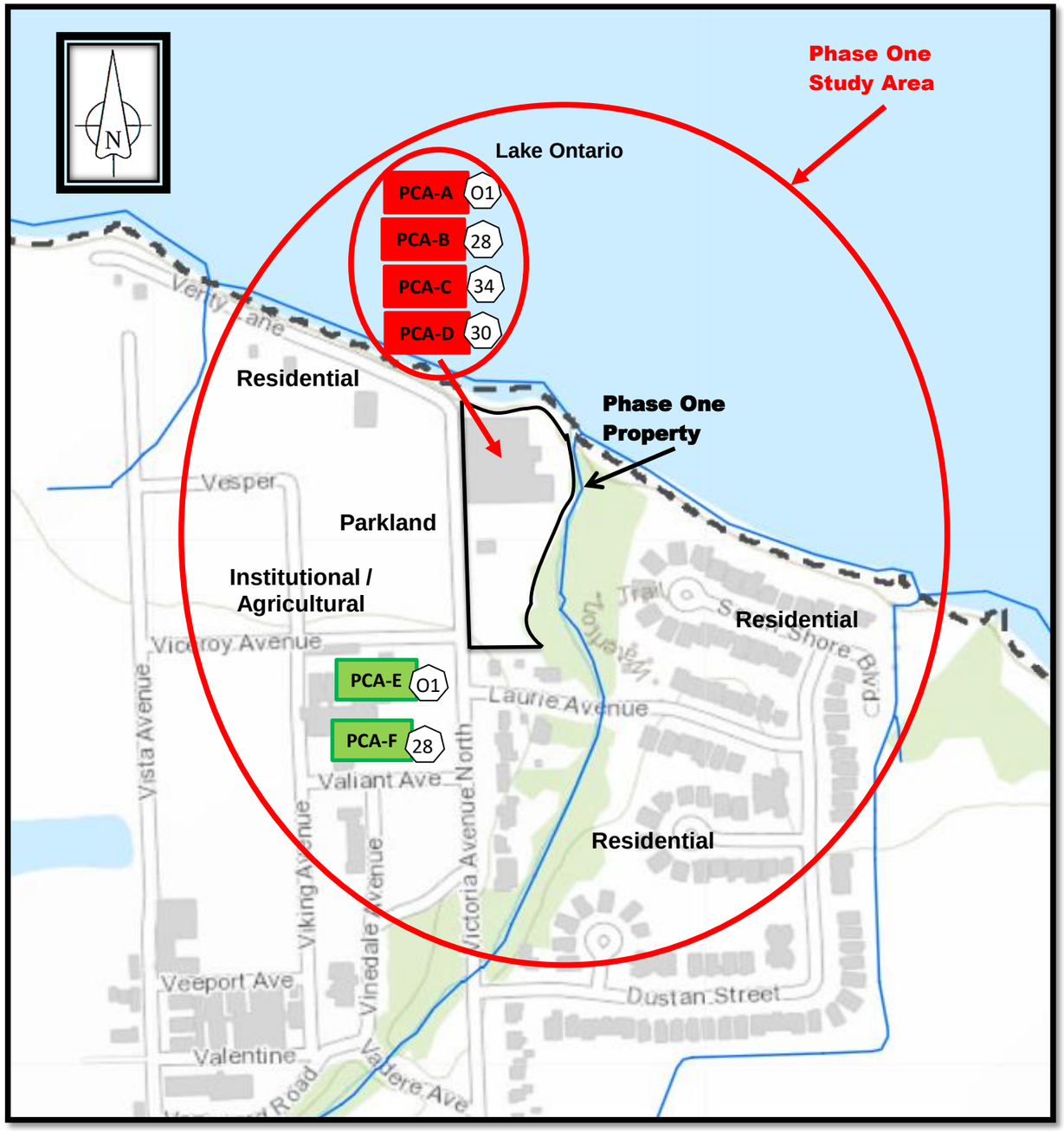
This assessment should not be considered a comprehensive audit that eliminates all risks of encountering environmental problems. There is no warranty expressed or implied by this report concerning the status of the study site**.**

FIGURES

Potentially Contaminating Activity (PCA)

PCA-A.	Waste Generation **(PCA#Other1)**
PCA B.	Gasoline and Associated Products Storage in Fixed Tanks **(PCA# 28)**
PCA C.	Metal Fabrication (**PCA#34**)
PCA D.	Importation of Fill Material of Unknown Quality (**PCA#30**)
PCA E.	Gasoline and Associated Products Storage in Fixed Tanks **(PCA# 28)**
PCA F.	Waste Generation **(PCA#Other1)**

Note **PCAs outlines in red are considered to lead to APECs.**
PCAs outline in green DO NOT lead to APECs

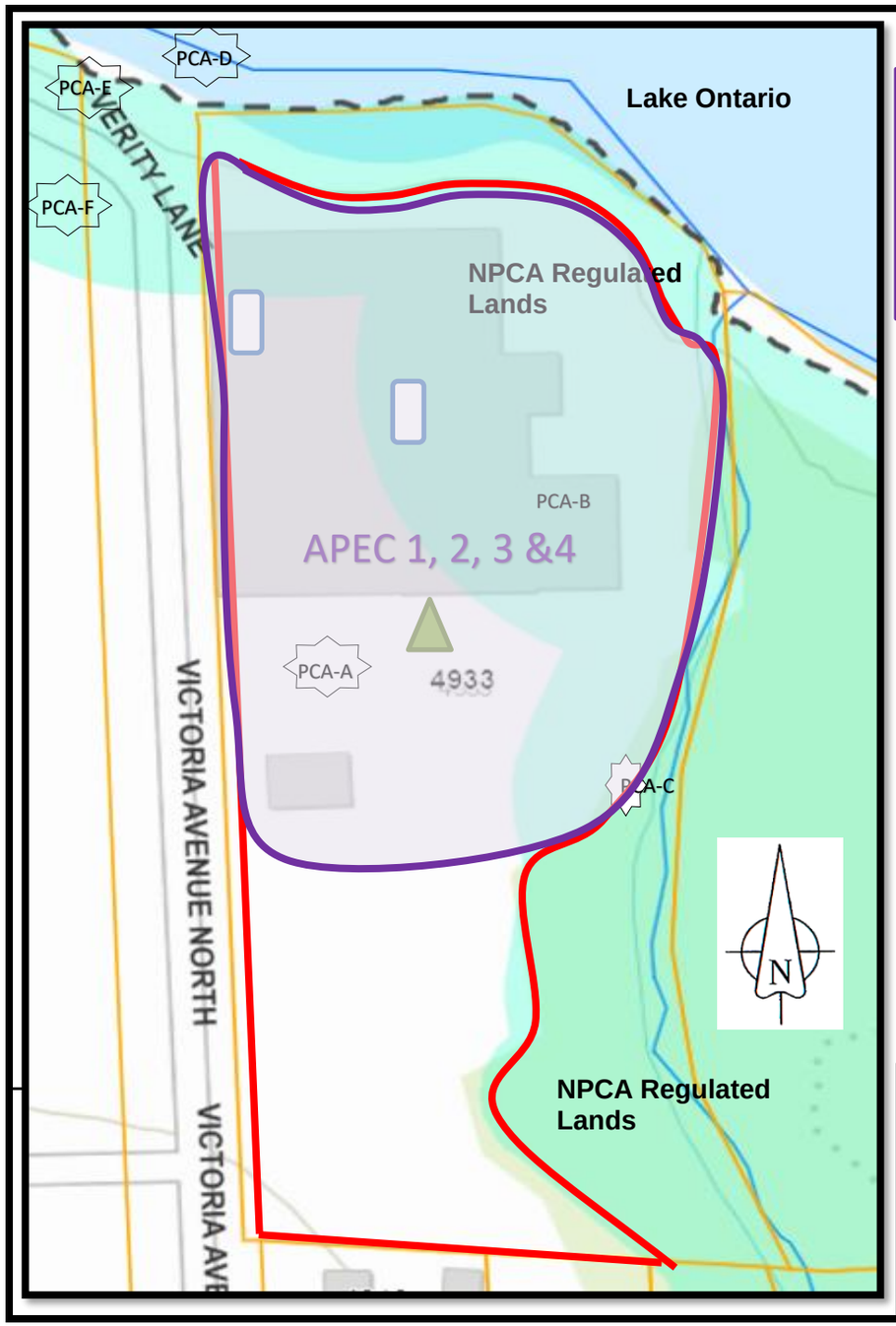


SCALE

200m

LANDTEK LIMITED

Scale:	as shown	March 2022
Project:	Phase 1 ESA 4393 Victoira Avenue North Vineland Station (Town of Lincoln), Ontario	
Title:	Figure 1 - Site Location Plan & PCAs	
Project No.	21547	



Areas of Potential Environmental Concern

APEC 1: Other 1: Waste Generation
APEC 2: Gasoline and Associated Products Stored in Fixed Tanks
APEC 3 : Metal Fabrication
APEC 4 : Importation of fill material of unknown quality

Historical Paint Booth

Electrical Transformer

40m

LANDTEK LIMITE

Scale:	as shown	Jan-22
Project:	Phase One ESA 1047 Cooke Boulevard Burlington, Ontario	
Title:	Fig 2: PCA & APECs	
Project No.	21458	

APPENDIX A

ECOLOG ERIS REPORT

DATABASE REPORT

Project Property:	*Vineland* *4933 Victoria Ave N* *Vineland Station ON L0R 2E0*
Project No:	*21547*
Report Type:	*Standard Report*
Order No:	*21121500790*
Requested by:	*Landtek Limited*
Date Completed:	*December 20, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Vineland* *4933 Victoria Ave N Vineland Station ON L0R 2E0*
Project No:	*21547*

Coordinates:

Latitude:	*43.1930569*
Longitude:	*-79.3945676*
UTM Northing:	*4,783,504.86*
UTM Easting:	*630,446.82*
UTM Zone:	*17T*

Elevation:	*249 FT* *75.82 M*

Order Information:

Order No:	*21121500790*
Date Requested:	*December 15, 2021*
Requested by:	*Landtek Limited*
Report Type:	*Standard Report*

Historical/Products:

City Directory Search	*CD - Subject Site plus 5 Adjacent Properties*
Topographic Map	*ANSI Map & Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	7	7
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	3	3
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	4	4
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	1	1
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	1	1
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	1	1
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	46	46
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	12	12
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
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	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	6	6
	Total:		0	93	93

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	NPRI	VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	SW/66.7	3.01	29
2	SCT	BELMAR WELDING LTD.	4937 VICTORIA AVE UNIT 3 VINELAND ON L0R 2C0	NW/83.6	-0.03	30
2	SCT	Vineland Manufacturing Ltd.	4937 Victoria Ave Vineland Station ON L0R 2E0	NW/83.6	-0.03	30
2	CA	VINELAND MANUFACTURING LIMITED	4937 VICTORIA AVE.N.,VINELAND LINCOLN TOWN ON	NW/83.6	-0.03	31
2	SCT	Belmar Welding Ltd.	4937 Victoria Ave Unit 3 Vineland Station ON L0R 2E0	NW/83.6	-0.03	31
2	SCT	Vineland Manufacturing Ltd.	4937 Victoria Ave N Vineland Station ON L0R 2E0	NW/83.6	-0.03	31
2	CA		4937 Victoria Avenue North Lincoln ON	NW/83.6	-0.03	32
2	EBR	Vineland Manufacturing Limited	4937 Victoria Avenue North, Vineland Station TOWN OF LINCOLN ON	NW/83.6	-0.03	32
2	EBR	Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln ON	NW/83.6	-0.03	32
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVE. N. P.O.BOX 183 VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	33
2	GEN	VINELAND MANUFACTURING LTD	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	33
2	GEN	VINELAND MANUFACTURING LTD. 40-122	4937 VICTORIA AVE. N. P.O.BOX 183 VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION NIAGARA FALLS ON L0R 2E0	NW/83.6	-0.03	34
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	35
2	NPRI	VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	36
2	NPRI	VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	38
2	EBR	Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln ON	NW/83.6	-0.03	40
2	NPRI	VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	40
2	NPRI	VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	42
2	CA	Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON	NW/83.6	-0.03	44
2	CA	Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON	NW/83.6	-0.03	44
2	NPRI	VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	44
2	DTNK	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION ON	NW/83.6	-0.03	45
2	DTNK	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION ON	NW/83.6	-0.03	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	NPRI	VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	47
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW/83.6	-0.03	48
2	NPRI	VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	49
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW/83.6	-0.03	50
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW/83.6	-0.03	51
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	51
2	NPRI	VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	52
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW/83.6	-0.03	54
2	DTNK	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA ON	NW/83.6	-0.03	55
2	NPRI	VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	55
2	EBR	Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln Regional Municipality of Niagara L0R 2E0 TOWN OF LINCOLN ON	NW/83.6	-0.03	56
2	ECA	Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW/83.6	-0.03	56
2	ECA	Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW/83.6	-0.03	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	ECA	Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW/83.6	-0.03	57
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	57
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	58
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	59
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	60
2	NPRI	Vineland Manufacturing Ltd.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW/83.6	-0.03	60
2	ECA	Vineland Manufacturing Ltd.	4937 Victoria Ave N Lincoln ON L0R 2E1	NW/83.6	-0.03	62
2	WWIS		4937 VICTORIA AVENUE NORTH VINELAND STATION ON ***Well ID:*** 7287351	NW/83.6	-0.03	62
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	65
2	FST	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA ON	NW/83.6	-0.03	66
2	GEN	VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW/83.6	-0.03	66
3	WWIS		395 Laurie Ave con -02 VINELAND STATION ON ***Well ID:*** 7354432	SE/131.5	2.31	67
4	WWIS		395 Laurie Ave con -02 Lincoln ON	SE/132.3	2.34	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7354439			
5	WWIS		Laurie Ave con -02 VINELAND STATION ON ***Well ID:*** 7354433	SSE/142.6	0.85	73
6	PRT	MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW/172.5	5.02	76
6	GEN	UNIVERSITY OF GUELPH	4890 VICTORIA AVENUE VINELAND STATION ON L0R 2E0	SSW/172.5	5.02	76
6	GEN	UNIVERSITY OF GUELPH	4890 VICTORIA AVE NORTH VINELAND STATION ON L0R 2E0	SSW/172.5	5.02	77
6	GEN	MINISTRY OF AGRICULTURE & FOOD	HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE., LINCOLN ON L0R 2E0	SSW/172.5	5.02	77
6	GEN	MINISTRY OF AGRICULTURE & FOOD 27-082	HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE., PO BOX 7000 LINCOLN ON L0R 2E0	SSW/172.5	5.02	77
6	GEN	MINISTRY OF AGRICULTURE & FOOD	HORTICULTURAL RESEARCH INSTITUTE OF ONT 4890 VICTORIA AVE NORTH LINCOLN ON L0R 2E0	SSW/172.5	5.02	78
6	GEN	MINISTRY OF AGRICULTURE & FOOD	HORTICULTURAL RESEARCH INSTITUTE OF ONT. VINELAND STATION, 4890 VICTORIA AVENUE N LINCOLN ON L0R 2E0	SSW/172.5	5.02	78
6	GEN	Terry Bogue Painting	4890 Victoria St. N. Vineland Station ON	SSW/172.5	5.02	79
6	EHS		4890 Victoria Ave N Vineland Station ON	SSW/172.5	5.02	79
6	FSTH	MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW/172.5	5.02	79
6	FSTH	MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW/172.5	5.02	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON L0R 2E0	SSW/172.5	5.02	80
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW/172.5	5.02	80
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW/172.5	5.02	81
6	GEN	Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW/172.5	5.02	81
6	GEN	Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW/172.5	5.02	82
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW/172.5	5.02	82
6	GEN	Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW/172.5	5.02	82
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON L0R 2E0	SSW/172.5	5.02	83
6	NPRI	ONTARIO REALTY	4890 VICTORIA Avenue North VINELAND ON L0R2E0	SSW/172.5	5.02	83
6	GEN	UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW/172.5	5.02	84
6	GEN	Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON	SSW/172.5	5.02	85
7	FCS	Vineland Research Farm	Lincoln ON	SW/172.6	4.02	85
8	WWIS		Victoria Ave North con -02 VINELAND STATION ON	SSW/177.9	4.89	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7354434			
9	CA	AGRICULTURE CANADA, VINELAND RES. STATIO	4902 VICTORIA AVE., VINELAND LINCOLN TOWN ON	SW/199.0	4.73	93
9	CA	AGRICULTURE CANADA, VINELAND RES. STATIO	4902 VICTORIA AVE., VINELAND LINCOLN TOWN ON	SW/199.0	4.73	93
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA 18-173	4902 VICTORIA AVE. NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	94
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	94
9	CA	Her Majesty the Queen in Right of Canada as	represented by the Minister of Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON	SW/199.0	4.73	95
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW/199.0	4.73	95
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW/199.0	4.73	96
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW/199.0	4.73	97
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	98
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW/199.0	4.73	98
9	ECA	Her Majesty the Queen in Right of Canada as represented by the Minister of	Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON L0R 2E0	SW/199.0	4.73	99
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	100
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	100

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	101
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	102
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	103
9	GEN	AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW/199.0	4.73	104
10	WWIS		4890 VICTORIA AVE VINELAND ON ***Well ID:*** 7100805	NW/236.9	-0.98	105

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 7 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
AGRICULTURE CANADA, VINELAND RES. STATIO	4902 VICTORIA AVE., VINELAND LINCOLN TOWN ON	SW	199.04	9
AGRICULTURE CANADA, VINELAND RES. STATIO	4902 VICTORIA AVE., VINELAND LINCOLN TOWN ON	SW	199.04	9
Her Majesty the Queen in Right of Canada as	represented by the Minister of Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON	SW	199.04	9

Lower Elevation	Address	Direction	Distance (m)	Map Key
VINELAND MANUFACTURING LIMITED	4937 VICTORIA AVE.N.,VINELAND LINCOLN TOWN ON	NW	83.60	2
	4937 Victoria Avenue North Lincoln ON	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON	NW	83.60	2

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 3 DTNK site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key

MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA ON	NW	83.60	2
MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION ON	NW	83.60	2
MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION ON	NW	83.60	2

EBR - Environmental Registry

A search of the EBR database, dated 1994- Oct 31, 2021 has found that there are 4 EBR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln Regional Municipality of Niagara L0R 2E0 TOWN OF LINCOLN ON	NW	83.60	2
Vineland Manufacturing Limited	4937 Victoria Avenue North, Vineland Station TOWN OF LINCOLN ON	NW	83.60	2
Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln ON	NW	83.60	2
Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln ON	NW	83.60	2

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2021 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Her Majesty the Queen in Right of Canada as represented by the Minister of	Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON L0R 2E0	SW	199.04	9

Lower Elevation	Address	Direction	Distance (m)	Map Key
Vineland Manufacturing Ltd	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Avenue North Lincoln ON L0R 2E0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Ave N Lincoln ON L0R 2E1	NW	83.60	2

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	4890 Victoria Ave N Vineland Station ON	SSW	172.49	6

FCS - Contaminated Sites on Federal Land

A search of the FCS database, dated Jun 2000-Aug 2021 has found that there are 1 FCS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Vineland Research Farm	Lincoln ON	SW	172.57	7

FST - Fuel Storage Tank

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR	4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA ON	NW	83.60	2

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
MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW	172.49	6
MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW	172.49	6

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Aug 31, 2021 has found that there are 46 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON L0R 2E0	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW	172.49	6
Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 VICTORIA AVENUE VINELAND STATION ON L0R 2E0	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 VICTORIA AVE NORTH VINELAND STATION ON L0R 2E0	SSW	172.49	6
MINISTRY OF AGRICULTURE & FOOD	HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE., LINCOLN ON L0R 2E0	SSW	172.49	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MINISTRY OF AGRICULTURE & FOOD 27-082	HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE.,PO BOX 7000 LINCOLN ON L0R 2E0	SSW	172.49	6
MINISTRY OF AGRICULTURE & FOOD	HORTICULTURAL RESEARCH INSTITUTE OF ONT 4890 VICTORIA AVE NORTH LINCOLN ON L0R 2E0	SSW	172.49	6
MINISTRY OF AGRICULTURE & FOOD	HORTICULTURAL RESEARCH INSTITUTE OF ONT. VINELAND STATION, 4890 VICTORIA AVENUE N LINCOLN ON L0R 2E0	SSW	172.49	6
Terry Bogue Painting	4890 Victoria St. N. Vineland Station ON	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON L0R 2E0	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW	172.49	6
UNIVERSITY OF GUELPH	4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	SSW	172.49	6
Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW	172.49	6
Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW	172.49	6
Vineland Research and Innovation Centre	4890 Victoria Ave. Vineland Station ON L0R 2E0	SSW	172.49	6
AGRICULTURE AND AGRI-FOOD CANADA 18-173	4902 VICTORIA AVE. NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
AGRICULTURE AND AGRI-FOOD CANADA	4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	SW	199.04	9

Lower Elevation	Address	Direction	Distance (m)	Map Key
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2

VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVENUE NORTH VINELAND STATION NIAGARA FALLS ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 VICTORIA AVE. N. P.O.BOX 183 VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	NW	83.60	2
VINELAND MANUFACTURING LTD. 40-122	4937 VICTORIA AVE. N. P.O.BOX 183 VINELAND STATION ON L0R 2E0	NW	83.60	2

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 12 NPRI site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	SW	66.69	1
ONTARIO REALTY	4890 VICTORIA Avenue North VINELAND ON L0R2E0	SSW	172.49	6

Lower Elevation	Address	Direction	Distance (m)	Map Key
VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2

VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
VINELAND MANUFACTURING LTD	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Avenue Vineland Station ON L0R2E0	NW	83.60	2

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
MINISTRY OF AGRICULTURE AND FOOD	4890 VICTORIA AV S VINELAND ON	SSW	172.49	6

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key

BELMAR WELDING LTD.	4937 VICTORIA AVE UNIT 3 VINELAND ON L0R 2C0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Ave N Vineland Station ON L0R 2E0	NW	83.60	2
Belmar Welding Ltd.	4937 Victoria Ave Unit 3 Vineland Station ON L0R 2E0	NW	83.60	2
Vineland Manufacturing Ltd.	4937 Victoria Ave Vineland Station ON L0R 2E0	NW	83.60	2

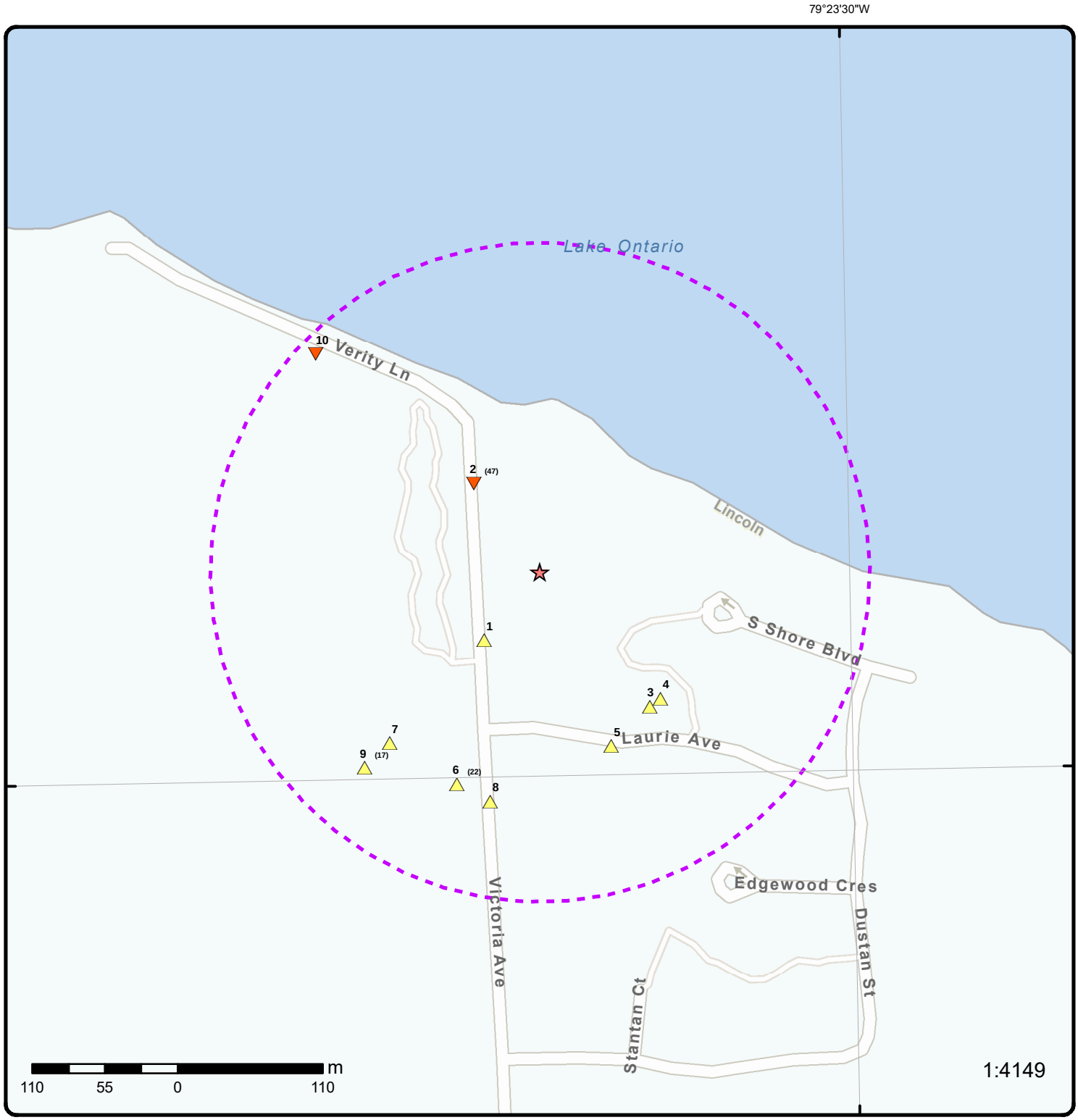
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 6 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	395 Laurie Ave con -02 VINELAND STATION ON ***Well ID:*** 7354432	SE	131.51	3
	395 Laurie Ave con -02 Lincoln ON ***Well ID:*** 7354439	SE	132.30	4
	Laurie Ave con -02 VINELAND STATION ON ***Well ID:*** 7354433	SSE	142.56	5
	Victoria Ave North con -02 VINELAND STATION ON ***Well ID:*** 7354434	SSW	177.93	8

Lower Elevation	Address	Direction	Distance (m)	Map Key
	4937 VICTORIA AVENUE NORTH VINELAND STATION ON ***Well ID:*** 7287351	NW	83.60	2
	4890 VICTORIA AVE VINELAND ON	NW	236.88	10

Well ID: 7100805



Map: 0.25 Kilometer Radius

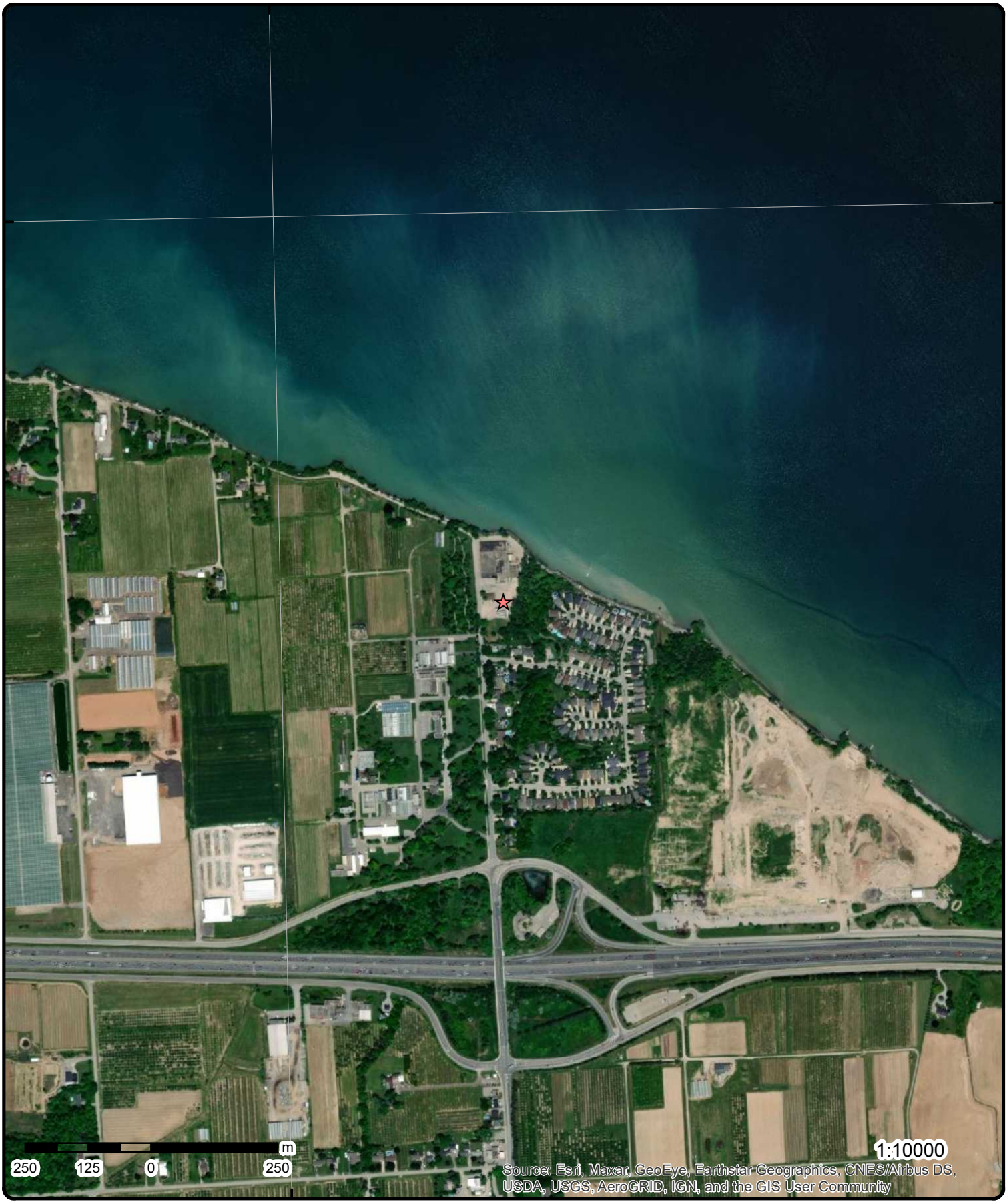
Order Number: 21121500790

Address: 4933 Victoria Ave N, Vineland Station, 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°24'W

43°12'N



43°12'N

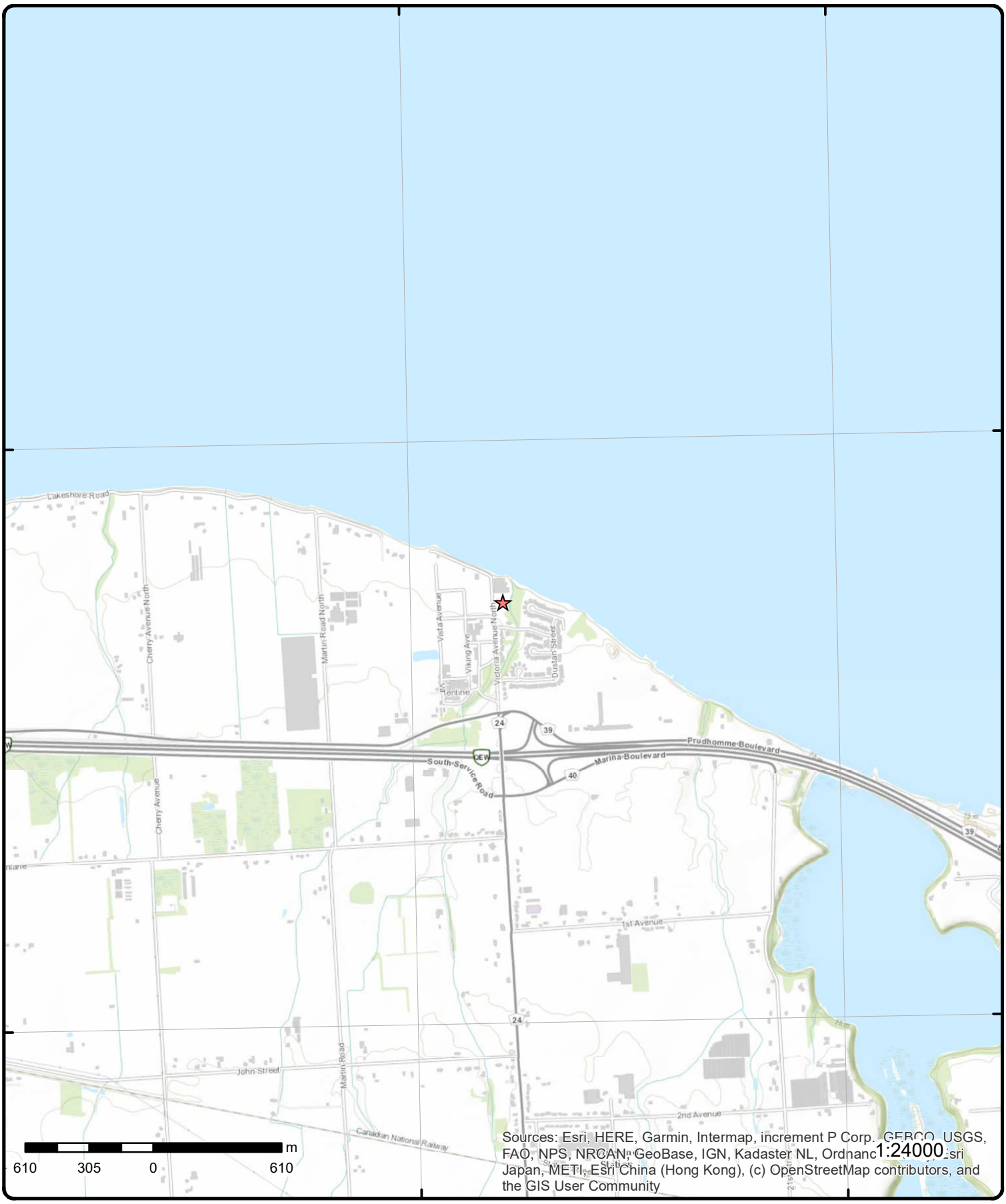
Aerial

Year: 2020

Order Number: 21121500790

Address: 4933 Victoria Ave N, Vineland Station, ON

Source: ESRI World Imagery



Topographic Map

Address: 4933 Victoria Ave N, ON

Source: ESRI World Topographic Map

Order Number: 21121500790

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/66.7	78.8 / 3.01	VINELAND MANUFACTURING LTD. 4937 Victoria Avenue Vineland Station ON L0R2E0	NPRI

NPRI ID:	11374	**Org ID:**	101183
Other ID:		**Submit Date:**	5/4/2015
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	125359	**Contact ID:**	229492
Report ID:	47886	**Cont Type:**	MEM
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2014	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	47	**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	23.1537
Unit:	tonnes
Basis of Estimate Cd:	C

Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Lead (and its compounds)
Chem (fr): Plomb (et ses composés)
Quantity: 1.5
Unit: kg
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Toluene
Chem (fr): Toluène
Quantity: 2.7991
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Manganese (and its compounds)
Chem (fr): Manganèse (et ses composés)
Quantity: .011
Unit: tonnes
Basis of Estimate Cd: E2
Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 47	NW/83.6	75.8 / -0.03	**BELMAR WELDING LTD.** **4937 VICTORIA AVE UNIT 3** **VINELAND ON L0R 2C0**	SCT

Established: 1940
Plant Size (ft²): 4000
Employment: 6

--Details--
Description: FABRICATED PLATE WORK (BOILER SHOPS)
SIC/NAICS Code: 3443

Description: FABRICATED PIPE AND PIPE FITTINGS
SIC/NAICS Code: 3498

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 47	NW/83.6	75.8 / -0.03	**Vineland Manufacturing Ltd.** **4937 Victoria Ave** **Vineland Station ON L0R 2E0**	SCT

Established: 01-JUN-84
Plant Size (ft²): 40000
Employment:

--Details--

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

Description: Metal Tank (Heavy Gauge) Manufacturing
SIC/NAICS Code: 332420

Description: Railroad Rolling Stock Manufacturing
SIC/NAICS Code: 336510

Description: Ball and Roller Bearing Manufacturing
SIC/NAICS Code: 332991

2	3 of 47	NW/83.6	75.8 / -0.03	VINELAND MANUFACTURING LIMITED 4937 VICTORIA AVE.N.,VINELAND LINCOLN TOWN ON	CA

Certificate #: 8-2144-99-
Application Year: 99
Issue Date: 9/17/1999
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: PAINT SPRAY BOOTHS, WELDING EXHAUSTER
Contaminants:
Emission Control:

2	4 of 47	NW/83.6	75.8 / -0.03	Belmar Welding Ltd. 4937 Victoria Ave Unit 3 Vineland Station ON L0R 2E0	SCT

Established: 01-AUG-40
Plant Size (ft²): 5000
Employment:

--Details--
Description: Other Plate Work and Fabricated Structural Product Manufacturing
SIC/NAICS Code: 332319

Description: All Other Miscellaneous Fabricated Metal Product Manufacturing
SIC/NAICS Code: 332999

2	5 of 47	NW/83.6	75.8 / -0.03	Vineland Manufacturing Ltd. 4937 Victoria Ave N Vineland Station ON L0R 2E0	SCT

Established: 6/1/1984
Plant Size (ft²): 40000
Employment:

--Details--
Description: Metal Tank (Heavy Gauge) Manufacturing
SIC/NAICS Code: 332420

Description: Railroad Rolling Stock Manufacturing
SIC/NAICS Code: 336510

Description: Ball and Roller Bearing Manufacturing
SIC/NAICS Code: 332991

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	6 of 47	NW/83.6	75.8 / -0.03	4937 Victoria Avenue North Lincoln ON	CA

Certificate #: 5377-547RD4
Application Year: 02
Issue Date: 2/6/02
Approval Type: Industrial air
Status: Approved
Application Type: New Certificate of Approval
Client Name: Vineland Manufacturing Ltd
Client Address: 4937 Victoria Avenue North
Client City: Lincoln
Client Postal Code: L0R 2E0
Project Description: This application is for a Certificate of Approval for three (3) paint spray booths and one (1) storage room discharging paint solvent, and one (1) welding station, all discharging to the atmosphere via roof mounted exhaust fans except for the paint storage room which will discharge via a wall mounted fan.
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	7 of 47	NW/83.6	75.8 / -0.03	Vineland Manufacturing Limited 4937 Victoria Avenue North, Vineland Station TOWN OF LINCOLN ON	EBR

EBR Registry No: IA9E0822
Ministry Ref No: 8214499
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 16, 1999
Proposal Date: July 13, 1999
Year: 1999
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Vineland Manufacturing Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 4937 Victoria Avenue North, Vineland Station Ontario, L0R 2E0
Comment Period:
URL:

Site Location Details:

4937 Victoria Avenue North, Vineland Station TOWN OF LINCOLN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	8 of 47	NW/83.6	75.8 / -0.03	Vineland Manufacturing Ltd 4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln ON	EBR

EBR Registry No: IA01E1269
Ministry Ref No: 3408-529RAJ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 06, 2002
Proposal Date: September 05, 2001
Year: 2001
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)

Off Instrument Name:
Posted By:
Company Name: Vineland Manufacturing Ltd
Site Address:
Location Other:
Proponent Name:
Proponent Address: 4937 Victoria Avenue North, Lincoln Ontario, L0R 2E0
Comment Period:
URL:

Site Location Details:

4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln

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2 | ***9 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD.***
4937 VICTORIA AVE. N. P.O.BOX 183
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0825300
Status:
Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 3261
SIC Description: RAILROAD ROLLING ST.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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2 | ***10 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD***
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0825300
Status:
Approval Years: 92,93,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 3261
SIC Description: RAILROAD ROLLING ST.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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

Detail(s)

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

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

2	***11 of 47***	***NW/83.6***	***75.8 / -0.03***	***VINELAND MANUFACTURING LTD. 40-122 4937 VICTORIA AVE. N. P.O.BOX 183 VINELAND STATION ON L0R 2E0***	***GEN***

Generator No: ON0825300
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 3261
SIC Description: RAILROAD ROLLING ST.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

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

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

2	***12 of 47***	***NW/83.6***	***75.8 / -0.03***	***VINELAND MANUFACTURING LTD. 4937 VICTORIA AVENUE NORTH VINELAND STATION NIAGARA FALLS ON L0R 2E0***	***GEN***

Generator No: ON0825300
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 3261
SIC Description: RAILROAD ROLLING ST.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

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

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2 | **13 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | **GEN**

Generator No: ON0825300
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 336510
SIC Description: Railroad Rolling Stock Mfg.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	254
Waste Class Desc:	TRANSFER STATION OILS WASTES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	123
Waste Class Desc:	ALKALINE PHOSPHATES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

2 | ***14 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD***
4937 Victoria Avenue
Vineland Station ON L0R2E0 | ***NPRI***

NPRI ID:	11374	**Org ID:**	72391
Other ID:	N	**Submit Date:**	6/1/2006
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	40316	**Contact ID:**	229718
Report ID:	100478	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2005	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	False	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	128	**Waste Streams:**	False
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	Fals
Pollut Prev Cmnts:	False	**No Off Sites:**	1.00
Stacks:	False	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			

American SIC Code:
NAICS Code (2 digit): 33
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3369
NAICS 4 Description: Other transportation equipment manufacturing
NAICS Code (6 digit): 336990
NAICS 6 Description: Other transportation equipment manufacturing

Substance Release Report

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Xylene (all isomers)
Chem (fr): Xylène (tous les isomères)
Quantity: 12.3
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: Manganese (and its compounds)
Chem (fr): Manganèse (et ses composés)
Quantity: .145
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: Aluminum oxide (fibrous forms)
Chem (fr): Oxyde d'aluminium (formes fibreuses)
Quantity: .214
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns
Quantity: 1.497
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns

Quantity:	1.497
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance
Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	28.8
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | ***15 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD***
4937 Victoria Avenue
Vineland Station ON L0R2E0 | ***NPRI***

NPRI ID:	11374	**Org ID:**	72391
Other ID:	N	**Submit Date:**	5/28/2007
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	44779	**Contact ID:**	229718
Report ID:	105761	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2006	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	False	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	128	**Waste Streams:**	True¿
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	Fals
Pollut Prev Cmnts:	False	**No Off Sites:**	1.00
Stacks:	True	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point

Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM - Total Particulate Matter
Chem (fr): PM - Particules totales
Quantity: 3.22
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: MSG#1 - Solvent naphtha light aliphatic
Chem (fr): EMG#1 - Solvant naphta aliphatique léger
Quantity: 9.822
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns
Quantity: 3.22
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Xylene (all isomers)
Chem (fr): Xylène (tous les isomères)
Quantity: 12.619
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Volatile Organic Compounds (VOCs)
Chem (fr): Composés organiques volatils (COV)
Quantity: 40.154
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: Manganese (and its compounds)
Chem (fr): Manganèse (et ses composés)
Quantity: .339

Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	
Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	PM10 - Particulate Matter <= 10 Microns
Chem (fr):	PM10 - Matière particulaire <= 10 microns
Quantity:	3.22
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | ***16 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***Vineland Manufacturing Ltd***
4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln
ON | ***EBR***

EBR Registry No:	IA05E1059	**Decision Posted:**	
Ministry Ref No:	4445-6E4N2R	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	March 13, 2008	**Act 2:**	
Proposal Date:	July 11, 2005	**Site Location Map:**	
Year:	2005		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Vineland Manufacturing Ltd		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	4937 Victoria Avenue North, Lincoln Ontario, L0R 2E0		
Comment Period:			
URL:			

Site Location Details:

4937 Victoria Avenue North Lincoln Ontario L0R 2E0 Lincoln

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2 | ***17 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD***
4937 Victoria Avenue
Vineland Station ON L0R2E0 | ***NPRI***

NPRI ID:	11374	**Org ID:**	72391
Other ID:	N	**Submit Date:**	5/27/2008
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	54008	**Contact ID:**	229718
Report ID:	114994	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2007	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	

Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	False	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	69	**Waste Streams:**	True¿
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	True
Pollut Prev Cmnts:	False	**No Off Sites:**	1.00
Stacks:	True	**Shutdown:**	
No of Stacks:		**No of Shutdown:**	

Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:

NAICS Code (2 digit):	33
NAICS 2 Description:	Manufacturing
NAICS Code (4 digit):	3369
NAICS 4 Description:	Other transportation equipment manufacturing
NAICS Code (6 digit):	336990
NAICS 6 Description:	Other transportation equipment manufacturing

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	PM - Total Particulate Matter
Chem (fr):	PM - Particules totales
Quantity:	2.53
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	PM10 - Particulate Matter <= 10 Microns
Chem (fr):	PM10 - Matière particulaire <= 10 microns
Quantity:	2.53
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	Manganese (and its compounds)
Chem (fr):	Manganèse (et ses composés)
Quantity:	.264
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels

Grouping:	Total Air
Trans Code:	ASta
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	2.53
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Xylene (all isomers)
Chem (fr):	Xylène (tous les isomères)
Quantity:	10.631
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	34.21
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | ***18 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD*** | ***NPRI***

4937 Victoria Avenue
Vineland Station ON L0R2E0

NPRI ID:	11374	**Org ID:**	72391
Other ID:	N	**Submit Date:**	5/26/2009
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	64048	**Contact ID:**	229718
Report ID:	125477	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2008	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	No	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	67	**Waste Streams:**	No
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	Yes
Pollut Prev Cmnts:	No	**No Off Sites:**	1
Stacks:	No	**Shutdown:**	No
No of Stacks:		**No of Shutdown:**	

Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 33
NAICS 2 Description: Manufacturing
NAICS Code (4 digit): 3369
NAICS 4 Description: Other transportation equipment manufacturing
NAICS Code (6 digit): 336990
NAICS 6 Description: Other transportation equipment manufacturing

Substance Release Report

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: Volatile Organic Compounds (VOCs)
Chem (fr): Composés organiques volatils (COV)
Quantity: 15.618
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM10 - Particulate Matter <= 10 Microns
Chem (fr): PM10 - Matière particulaire <= 10 microns
Quantity: 1.006
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air
Trans Code: ASta
Chem: PM - Total Particulate Matter
Chem (fr): PM - Particules totales
Quantity: 1.006
Unit: tonnes
Basis of Estimate Cd: C
Basis of Estimate Desc: C- Mass Balance

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias
Grouping: Total All Media<1t
Trans Code:
Chem: Manganese (and its compounds)
Chem (fr): Manganèse (et ses composés)
Quantity: .147
Unit: tonnes
Basis of Estimate Cd:
Basis of Estimate Desc:

Category Type ID: 1
Category Type Desc: Stack / Point
Category Type Desc (fr): Rejets de cheminée ou ponctuels
Grouping: Total Air

Trans Code:	ASta
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	1.006
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance
Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Xylene (all isomers)
Chem (fr):	Xylène (tous les isomères)
Quantity:	4.873
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | ***19 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***Vineland Manufacturing Ltd.*** ***4937 Victoria Avenue North*** ***Lincoln ON*** | ***CA***

Certificate #:	2246-78QHPP
Application Year:	2008
Issue Date:	3/7/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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2 | ***20 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***Vineland Manufacturing Ltd.*** ***4937 Victoria Avenue North*** ***Lincoln ON*** | ***CA***

Certificate #:	2845-5J3HRL
Application Year:	2003
Issue Date:	2/14/2003
Approval Type:	Air
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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2 | ***21 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD*** ***4937 Victoria Avenue*** ***Vineland Station ON L0R2E0*** | ***NPRI***

NPRI ID:	11374	**Org ID:**	72391

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

Other ID:	N	**Submit Date:**	5/20/2010
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	84010	**Contact ID:**	229718
Report ID:	137873	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2009	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	No	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	36	**Waste Streams:**	No
Parent Co.:	N	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	No
Pollut Prev Cmnts:	No	**No Off Sites:**	
Stacks:	No	**Shutdown:**	No
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	12.06
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

2	***22 of 47***	***NW/83.6***	***75.8 / -0.03***	***MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR 4937 VICTORIA AVE SS 1 VINELAND STATION ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9388120	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	

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

Instance ID:	385759	**Facility Location:**	
Instance Type:	FS Facility	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Private Fuel Outlet - Self Serve		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

2	23 of 47	NW/83.6	75.8 / -0.03	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR 4937 VICTORIA AVE SS 1 VINELAND STATION ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	11033032	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	64052	**Facility Location:**	
Instance Type:	FS Piping	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		

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

Original Source: EXP
Record Date: Up to Mar 2012

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2 | **24 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 Victoria Avenue
Vineland Station ON L0R2E0 | **NPRI**

NPRI ID:	11374	**Org ID:**	101183
Other ID:	Y	**Submit Date:**	6/10/2011
No Other ID:	1	**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	92274	**Contact ID:**	229718
Report ID:	146330	**Cont Type:**	MED
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2010	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:	No	**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	44	**Waste Streams:**	No
Parent Co.:	*	**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	No
Pollut Prev Cmnts:	No	**No Off Sites:**	
Stacks:	No	**Shutdown:**	No
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.366
Unit:	tonnes
Basis of Estimate Cd:	
Basis of Estimate Desc:	

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air

Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	10.962
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Xylene (all isomers)
Chem (fr):	Xylène (tous les isomères)
Quantity:	2.915
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Toluene
Chem (fr):	Toluène
Quantity:	2.875
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	25 of 47	NW/83.6	75.8 / -0.03	VINELAND MANUFACTURING LTD. 4937 VICTORIA AVENUE NORTH VINELAND STATION ON	GEN

Generator No:	ON0825300	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	336510, 336510, 336510		
SIC Description:	Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing		

Detail(s)

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

Waste Class:	123
Waste Class Desc:	ALKALINE PHOSPHATES

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

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

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

2 | ***26 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD.***
4937 Victoria Avenue
Vineland Station ON L0R2E0 | ***NPRI***

NPRI ID:	11374	***Org ID:***	101183
Other ID:		***Submit Date:***	3/10/2014
No Other ID:		***Last Modified:***	5/29/2015 3:28:24 PM
Track ID:	122784	***Contact ID:***	229718
Report ID:	27470	***Cont Type:***	MED
Report Type:	NPRI	***Contact Title:***	
Rpt Type ID:	1	***Cont First Name:***	
Report Year:	2011	***Cont Last Name:***	
Not-Current Rpt?:	No	***Contact Position:***	
Yr of Last Filed Rpt:	2014	***Contact Fax:***	
Fac ID:	234217	***Contact Ph.:***	
Fac Name:	Victoria Avenue facility	***Cont Area Code:***	
Fac Address1:	4937 Victoria Avenue	***Contact Tel.:***	
Fac Address2:		***Contact Ext.:***	
Fac Postal Zip:	L0R2E0	***Cont Fax Area Cde:***	
Facility Lat:	43.1926	***Contact Fax:***	
Facility Long:	-79.3951	***Contact Email:***	
DLS (Last Filed Rpt):		***Latitude:***	43.1926
Facility DLS:		***Longitude:***	-79.3951
Datum:	1983	***UTM Zone:***	
Facility Cmnts:		***UTM Northing:***	
URL:		***UTM Easting:***	
No of Empl.:	60	***Waste Streams:***	
Parent Co.:		***No Streams:***	
No Parent Co.:		***Waste Off Sites:***	
Pollut Prev Cmnts:		***No Off Sites:***	
Stacks:		***Shutdown:***	
No of Stacks:		***No of Shutdown:***	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1

Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	16.113
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns
Quantity:	.388
Unit:	tonnes
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

---

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	27 of 47	NW/83.6	75.8 / -0.03	VINELAND MANUFACTURING LTD. 4937 VICTORIA AVENUE NORTH VINELAND STATION ON	GEN

Generator No:	ON0825300	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	336510, 336510, 336510		
SIC Description:	Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing		

Detail(s)

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

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

Waste Class:	123
Waste Class Desc:	ALKALINE PHOSPHATES

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

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

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

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

Waste Class:	268
Waste Class Desc:	AMINES

Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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2 | **28 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON | **GEN**

Generator No: ON0825300
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 336510, 336510, 336510
SIC Description: Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

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2 | **29 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | **GEN**

Generator No:	ON0825300	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	336510, 336510, 336510		
SIC Description:	Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing, Railroad Rolling Stock Manufacturing		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	123
Waste Class Desc:	ALKALINE PHOSPHATES
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES

2	***30 of 47***	***NW/83.6***	***75.8 / -0.03***	***VINELAND MANUFACTURING LTD.*** ***4937 Victoria Avenue*** ***Vineland Station ON L0R2E0***	***NPRI***

NPRI ID:	11374	**Org ID:**	101183
Other ID:		**Submit Date:**	3/20/2014
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	122767	**Contact ID:**	
Report ID:	26758	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2012	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	

Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	55	**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Toluene
Chem (fr):	Toluène
Quantity:	15.3572
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Hexavalent chromium (and its compounds)
Chem (fr):	Chrome hexavalent (et ses composés)
Quantity:	3.5
Unit:	kg
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	65.5502
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	13
Category Type Desc:	All Media

Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	Manganese (and its compounds)
Chem (fr):	Manganèse (et ses composés)
Quantity:	.016
Unit:	tonnes
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	31 of 47	NW/83.6	75.8 / -0.03	VINELAND MANUFACTURING LTD. 4937 VICTORIA AVENUE NORTH VINELAND STATION ON	GEN

Generator No:	ON0825300	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	336510, 336510, 336510		
SIC Description:	RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING		

Detail(s)

Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	123
Waste Class Desc:	ALKALINE PHOSPHATES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	32 of 47	NW/83.6	75.8 / -0.03	MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR 4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA ON	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	33 of 47	NW/83.6	75.8 / -0.03	VINELAND MANUFACTURING LTD. 4937 Victoria Avenue Vineland Station ON L0R2E0	NPRI

NPRI ID:	11374	**Org ID:**	101183
Other ID:		**Submit Date:**	5/11/2014
No Other ID:		**Last Modified:**	5/29/2015 3:28:24 PM
Track ID:	115409	**Contact ID:**	
Report ID:	29021	**Cont Type:**	
Report Type:	NPRI	**Contact Title:**	
Rpt Type ID:	1	**Cont First Name:**	
Report Year:	2013	**Cont Last Name:**	
Not-Current Rpt?:	No	**Contact Position:**	
Yr of Last Filed Rpt:	2014	**Contact Fax:**	
Fac ID:	234217	**Contact Ph.:**	
Fac Name:	Victoria Avenue facility	**Cont Area Code:**	
Fac Address1:	4937 Victoria Avenue	**Contact Tel.:**	
Fac Address2:		**Contact Ext.:**	
Fac Postal Zip:	L0R2E0	**Cont Fax Area Cde:**	
Facility Lat:	43.1926	**Contact Fax:**	
Facility Long:	-79.3951	**Contact Email:**	
DLS (Last Filed Rpt):		**Latitude:**	43.1926
Facility DLS:		**Longitude:**	-79.3951
Datum:	1983	**UTM Zone:**	
Facility Cmnts:		**UTM Northing:**	
URL:		**UTM Easting:**	
No of Empl.:	46	**Waste Streams:**	
Parent Co.:		**No Streams:**	
No Parent Co.:		**Waste Off Sites:**	
Pollut Prev Cmnts:		**No Off Sites:**	
Stacks:		**Shutdown:**	
No of Stacks:		**No of Shutdown:**	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	44.0839
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Manganese (and its compounds)
Chem (fr):	Manganèse (et ses composés)
Quantity:	.0008
Unit:	tonnes
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	Toluene
Chem (fr):	Toluène
Quantity:	10.4895
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | ***34 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***Vineland Manufacturing Ltd.***
4937 Victoria Avenue North Lincoln Regional Municipality of Niagara L0R 2E0 TOWN OF LINCOLN
ON | ***EBR***

EBR Registry No:	012-7983	**Decision Posted:**	
Ministry Ref No:	6021-AAGKHR	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	May 24, 2017	**Act 2:**	
Proposal Date:	June 23, 2016	**Site Location Map:**	
Year:	2016		

Instrument Type:	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:	
Posted By:	
Company Name:	Vineland Manufacturing Ltd.
Site Address:	
Location Other:	
Proponent Name:	
Proponent Address:	4937 Victoria avenue North, Lincoln Ontario, Canada L0R 2E1
Comment Period:	
URL:	

Site Location Details:

4937 Victoria Avenue North Lincoln Regional Municipality of Niagara L0R 2E0 TOWN OF LINCOLN

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2 | ***35 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***Vineland Manufacturing Ltd***
4937 Victoria Avenue North
Lincoln ON L0R 2E0 | ***ECA***

Approval No:	5377-547RD4	**MOE District:**	Niagara
Approval Date:	2002-02-06	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-79.40461
Record Type:	ECA	**Latitude:**	43.172443
Link Source:	IDS	**Geometry X:**	

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

SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Vineland Manufacturing Ltd
Address: 4937 Victoria Avenue North
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3408-529RAJ-14.pdf
PDF Site Location:
Geometry Y:

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2 | **36 of 47** | **NW/83.6** | **75.8 / -0.03** | **Vineland Manufacturing Ltd.**
4937 Victoria Avenue North
Lincoln ON L0R 2E0 | **ECA**

Approval No: 2845-5J3HRL
Approval Date: 2003-02-14
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Vineland Manufacturing Ltd.
Address: 4937 Victoria Avenue North
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7121-5ANU3C-14.pdf
PDF Site Location:
MOE District: Niagara
City:
Longitude: -79.40461
Latitude: 43.172443
Geometry X:
Geometry Y:

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2 | **37 of 47** | **NW/83.6** | **75.8 / -0.03** | **Vineland Manufacturing Ltd.**
4937 Victoria Avenue North
Lincoln ON L0R 2E0 | **ECA**

Approval No: 2246-78QHPP
Approval Date: 2008-03-07
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Vineland Manufacturing Ltd.
Address: 4937 Victoria Avenue North
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4445-6E4N2R-14.pdf
PDF Site Location:
MOE District: Niagara
City:
Longitude: -79.40461
Latitude: 43.172443
Geometry X:
Geometry Y:

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2 | **38 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | **GEN**

Generator No: ON0825300
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 336510, 336510, 336510
SIC Description: RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

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2 | ***39 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD.***
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0825300
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 336510, 336510, 336510
SIC Description: RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

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

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

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

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

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2 | ***40 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD.***
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0825300
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 336510, 336510, 336510
SIC Description: RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING, RAILROAD ROLLING STOCK MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

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

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2 | **41 of 47** | **NW/83.6** | **75.8 / -0.03** | **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | **GEN**

Generator No: ON0825300
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

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

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

Waste Class: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 268 T
Waste Class Desc: Amines

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2 | **42 of 47** | **NW/83.6** | **75.8 / -0.03** | **Vineland Manufacturing Ltd.**
4937 Victoria Avenue
Vineland Station ON L0R2E0 | **NPRI**

NPRI ID: 11374
Other ID:
No Other ID:
Track ID: 138060
Report ID: 71794
Report Type: NPRI
Rpt Type ID: 1
Report Year: 2015

Org ID: 107186
Submit Date: 5/19/2016
Last Modified: 11/18/2016 8:28:05 AM
Contact ID: 241119
Cont Type: MEM
Contact Title:
Cont First Name: Mark
Cont Last Name: Vanderveen

Not-Current Rpt?:	No	***Contact Position:***	President
Yr of Last Filed Rpt:	2014	***Contact Fax:***	9055625202
Fac ID:	234217	***Contact Ph.:***	9055627302
Fac Name:	Victoria Avenue facility	***Cont Area Code:***	905
Fac Address1:	4937 Victoria Avenue	***Contact Tel.:***	55627302
Fac Address2:		***Contact Ext.:***	224
Fac Postal Zip:	L0R2E0	***Cont Fax Area Cde:***	905
Facility Lat:	43.1926	***Contact Fax:***	55625202
Facility Long:	-79.3951	***Contact Email:***	markvanderveen@courtholdings.com
DLS (Last Filed Rpt):		***Latitude:***	43.1926
Facility DLS:		***Longitude:***	-79.3951
Datum:	1983	***UTM Zone:***	
Facility Cmnts:		***UTM Northing:***	
URL:		***UTM Easting:***	
No of Empl.:	60	***Waste Streams:***	
Parent Co.:		***No Streams:***	
No Parent Co.:		***Waste Off Sites:***	
Pollut Prev Cmnts:		***No Off Sites:***	
Stacks:		***Shutdown:***	
No of Stacks:		***No of Shutdown:***	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	33		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3369		
NAICS 4 Description:	Other transportation equipment manufacturing		
NAICS Code (6 digit):	336990		
NAICS 6 Description:	Other transportation equipment manufacturing		

Substance Release Report

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	
Chem (fr):	
Quantity:	3.2443
Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	
Chem (fr):	
Quantity:	.0143
Unit:	tonnes
Basis of Estimate Cd:	E2
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward

Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	
Chem (fr):	
Quantity:	23.677

Unit:	tonnes
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance
Category Type ID:	1
Category Type Desc:	Stack / Point
Category Type Desc (fr):	Rejets de cheminée ou ponctuels
Grouping:	Total Air
Trans Code:	ASta
Chem:	
Chem (fr):	
Quantity:	1.4
Unit:	kg
Basis of Estimate Cd:	C
Basis of Estimate Desc:	C- Mass Balance

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2 | **43 of 47** | **NW/83.6** | **75.8 / -0.03** | **Vineland Manufacturing Ltd.**
4937 Victoria Ave N
Lincoln ON L0R 2E1 | **ECA**

Approval No:	6336-ALUJ3Y	**MOE District:**	Niagara
Approval Date:	2017-05-15	**City:**	
Status:	Approved	**Longitude:**	-79.40461
Record Type:	ECA	**Latitude:**	43.172443
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Niagara Peninsula	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Vineland Manufacturing Ltd.		
Address:	4937 Victoria Ave N		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6021-AAGKHR-14.pdf		
PDF Site Location:			

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2 | **44 of 47** | **NW/83.6** | **75.8 / -0.03** | **4937 VICTORIA AVENUE NORTH**
VINELAND STATION ON | **WWIS**

Well ID:	7287351	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	5/29/2017
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z252592	**Owner:**	
Tag:	A222818	**Street Name:**	4937 VICTORIA AVENUE NORTH
Construction Method:		**County:**	NIAGARA
Elevation (m):		**Municipality:**	LINCOLN TOWN (LOUTH)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/02/07
Year Completed: 2017
Depth (m): 4.572
Latitude: 43.1936698229664
Longitude: -79.3951647106609
Path:

Bore Hole Information

Bore Hole ID: 1006488409
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07-Feb-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 77.451004
Elevrc:
Zone: 17
East83: 630397.00
North83: 4783572.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006761362
Layer: 1
Color: 2
General Color: GREY
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006761363
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 2.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	1006761364
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	5.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006761365
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	10.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006761372
Layer:	1
Plug From:	0
Plug To:	9
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006761373
Layer:	2
Plug From:	9
Plug To:	15
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006761371
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1006761361
Casing No:	0
Comment:	

Alt Name:

Construction Record - Screen

Screen ID: 1006761369
Layer: 1
Slot: 10
Screen Top Depth: 10
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Water Details

Water ID: 1006761367
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006761366
Diameter: 60.0
Depth From: 0.0
Depth To: 15.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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2 | ***45 of 47*** | ***NW/83.6*** | ***75.8 / -0.03*** | ***VINELAND MANUFACTURING LTD.***
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0825300
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 268 T
Waste Class Desc: Amines

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

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

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

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

Waste Class: 253 L

Waste Class Desc: Emulsified oils

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2 **46 of 47** **NW/83.6** **75.8 / -0.03** **MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR**
4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA
ON **FST**

Instance No: 11033024
Status:
Cont Name:
Instance Type:
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 12/20/1990
Install Year: NULL
Years in Service:
Model: NULL
Description:
Capacity: 0
Tank Material: Steel
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 4937 VICTORIA AVE SS 1 VINELAND STATION L0R 2E0 ON CA

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:
Num Underground:
Panam Related:
Panam Venue:

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF GOVERNMENT SERVICES ATTN RINO S SALVADOR
Item: FS LIQUID FUEL TANK

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2 **47 of 47** **NW/83.6** **75.8 / -0.03** **VINELAND MANUFACTURING LTD.**
4937 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 **GEN**

Generator No: ON0825300
Status: Registered
Approval Years: As of Aug 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 268 T
Waste Class Desc: Amines

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

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

Waste Class: 253 L
Waste Class Desc: Emulsified oils

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

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3 | **1 of 1** | **SE/131.5** | **78.1 / 2.31** | **395 Laurie Ave con -02 VINELAND STATION ON** | **WWIS**

Well ID: 7354432
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z321850
Tag: A280494
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 2/26/2020
Selected Flag: True
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
Street Name: 395 Laurie Ave
County: NIAGARA
Municipality: LINCOLN TOWN (LOUTH)
Site Info:
Lot:
Concession: -02
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/11/04
Year Completed: 2019
Depth (m): 7.62
Latitude: 43.192125643996
Longitude: -79.393568379867
Path:

Bore Hole Information

Bore Hole ID: 1008181481
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Nov-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 630530.00
North83: 4783403.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1008352958
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352959
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	2.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352960
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	15.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008353256
Layer:	2
Plug From:	14
Plug To:	25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353255
Layer: 1
Plug From: 0
Plug To: 14
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008353630
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1008353629
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008352684
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008353835
Layer: 1
Slot: 10
Screen Top Depth: 15
Screen End Depth: 25
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Hole Diameter

Hole ID: 1008353531
Diameter: 3.799999952316284
Depth From: 15.0
Depth To: 25.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1008353530
Diameter: 6.0
Depth From: 0.0
Depth To: 15.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	SE/132.3	78.2 / 2.34	395 Laurie Ave con -02 Lincoln ON	WWIS

Well ID: 7354439
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z321851
Tag: A280493
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 2/26/2020
Selected Flag: True
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
Street Name: 395 Laurie Ave
County: NIAGARA
Municipality: LINCOLN TOWN (LOUTH)
Site Info:
Lot:
Concession: -02
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/11/04
Year Completed: 2019
Depth (m): 6.4008
Latitude: 43.1921782691498
Longitude: -79.3934685449128
Path:

Bore Hole Information

Bore Hole ID: 1008181502
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Nov-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 630538.00
North83: 4783409.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008352980
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:

Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 10.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008352979
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 5.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008352978
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353270
Layer: 2
Plug From: 10
Plug To: 21
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353269
Layer: 1
Plug From: 0
Plug To: 10
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008353641
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1008353640
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008352691
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008353842
Layer: 1
Slot: 10
Screen Top Depth: 11
Screen End Depth: 21
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pump Test ID: 1008353982
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: 1008353541
Diameter: 6.0
Depth From: 0.0
Depth To: 10.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID:	1008353542
Diameter:	3.799999952316284
Depth From:	10.0
Depth To:	21.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

5 **1 of 1** **SSE/142.6** **76.7 / 0.85** **Laurie Ave con -02**
VINELAND STATION ON **WWIS**

Well ID:	7354433	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	2/26/2020
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z321849	**Owner:**	
Tag:	A280495	**Street Name:**	Laurie Ave
Construction Method:		**County:**	NIAGARA
Elevation (m):		**Municipality:**	LINCOLN TOWN (LOUTH)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	-02
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/11/04
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.1918606167989
Longitude:	-79.3939322278868
Path:	

Bore Hole Information

Bore Hole ID:	1008181484	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	630501.00
Code OB Desc:		**North83:**	4783373.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04-Nov-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1008352961
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352964
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	10.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352962
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	2.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352963
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	77
Mat3 Desc:	LOOSE

Formation Top Depth: 5.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353258
Layer: 2
Plug From: 9
Plug To: 20
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353257
Layer: 1
Plug From: 0
Plug To: 9
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008353632
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1008353631
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008352685
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008353836
Layer: 1
Slot: 10
Screen Top Depth: 10
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pump Test ID: 1008353976

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: 1008353532
Diameter: 6.0
Depth From: 0.0
Depth To: 10.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1008353533
Diameter: 3.799999952316284
Depth From: 10.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

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6 | ***1 of 22*** | ***SSW/172.5*** | ***80.8 / 5.02*** | ***MINISTRY OF AGRICULTURE AND FOOD***
4890 VICTORIA AV S
VINELAND ON | ***PRT***

Location ID: 16283
Type: private
Expiry Date:
Capacity (L): 9000.00
Licence #: 0001067725

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6 | ***2 of 22*** | ***SSW/172.5*** | ***80.8 / 5.02*** | ***UNIVERSITY OF GUELPH***
4890 VICTORIA AVENUE
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0179215
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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

---

6 **3 of 22** **SSW/172.5** **80.8 / 5.02** **UNIVERSITY OF GUELPH**
4890 VICTORIA AVE NORTH
VINELAND STATION ON L0R 2E0 **GEN**

Generator No: ON0179215
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

---

6 **4 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE & FOOD**
HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE.,
LINCOLN ON L0R 2E0 **GEN**

Generator No: ON0199203
Status:
Approval Years: 92,93
Contam. Facility:
MHSW Facility:
SIC Code: 0171
SIC Description: COMBINATION FARMS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

6 **5 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE & FOOD 27-082**
HORT. RESEARCH INST. OF ONT., VINELAND STN., 4890 VICTORIA AVE.,PO BOX 7000
LINCOLN ON L0R 2E0 **GEN**

Generator No: ON0199203
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 0171
SIC Description: COMBINATION FARMS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

6 **6 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE & FOOD HORTICULTURAL RESEARCH INSTITUTE OF ONT 4890 VICTORIA AVE NORTH LINCOLN ON L0R 2E0** **GEN**

Generator No: ON0199203
Status:
Approval Years: 97
Contam. Facility:
MHSW Facility:
SIC Code: 0171
SIC Description: COMBINATION FARMS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

6 **7 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE & FOOD HORTICULTURAL RESEARCH INSTITUTE OF ONT. VINELAND STATION, 4890 VICTORIA AVENUE N LINCOLN ON L0R 2E0** **GEN**

Generator No: ON0199203
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 0171
SIC Description: COMBINATION FARMS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242

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

Waste Class Desc: HALOGENATED PESTICIDES

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

---

6 **8 of 22** **SSW/172.5** **80.8 / 5.02** **Terry Bogue Painting** **GEN**
4890 Victoria St. N.
Vineland Station ON

Generator No: ON9583108
Status:
Approval Years: 03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

---

6 **9 of 22** **SSW/172.5** **80.8 / 5.02** **4890 Victoria Ave N** **EHS**
Vineland Station ON

Order No: 20051220012
Status: C
Report Type: Custom Report
Report Date: 2/10/2006
Date Received: 12/20/2005
Previous Site Name:
Lot/Building Size: 220 acres, 34 buildings
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.392045
Y: 43.193296

---

6 **10 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE AND FOOD** **FSTH**
4890 VICTORIA AV S
VINELAND ON

License Issue Date: 5/7/1992
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: 1981
Corrosion Protection:
Capacity: 2250
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1981
Corrosion Protection:
Capacity: 2250
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 2250
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

---

6 **11 of 22** **SSW/172.5** **80.8 / 5.02** **MINISTRY OF AGRICULTURE AND FOOD** **FSTH**
4890 VICTORIA AV S

VINELAND ON

License Issue Date:	5/7/1992
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:	1981
Corrosion Protection:	
Capacity:	2250
Tank Fuel Type:	Liquid Fuel Single Wall UST - Diesel
Status:	Active
Year of Installation:	1981
Corrosion Protection:	
Capacity:	2250
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline
Status:	Active
Year of Installation:	1990
Corrosion Protection:	
Capacity:	2250
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

---

6 ***12 of 22*** ***SSW/172.5*** ***80.8 / 5.02*** ***GEN***

UNIVERSITY OF GUELPH
4890 Victoria Avenue North P.O. Box 7000
Vineland Station ON L0R 2E0

Generator No:	ON5453312	***PO Box No:***	
Status:		***Country:***	
Approval Years:	07,08	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	115110		
SIC Description:	Support Activities for Crop Production		

Detail(s)

Waste Class:	114
Waste Class Desc:	OTHER INORGANIC ACID WASTES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS

---

6 ***13 of 22*** ***SSW/172.5*** ***80.8 / 5.02*** ***GEN***

UNIVERSITY OF GUELPH
4890 Victoria Avenue North P.O. Box 7000
Vineland Station ON

Generator No:	ON5453312	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	

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

MHSW Facility: ***Phone No Admin:***
SIC Code: 115110
SIC Description: Support Activities for Crop Production

Detail(s)

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

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

6 ***14 of 22*** ***SSW/172.5*** ***80.8 / 5.02***

UNIVERSITY OF GUELPH
4890 Victoria Avenue North P.O. Box 7000
Vineland Station ON

GEN

Generator No: ON5453312 ***PO Box No:***
Status: ***Country:***
Approval Years: 2010 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 115110
SIC Description: Support Activities for Crop Production

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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

---

6 ***15 of 22*** ***SSW/172.5*** ***80.8 / 5.02***

Vineland Research and Innovation Centre
4890 Victoria Ave.
Vineland Station ON L0R 2E0

GEN

Generator No: ON3945198 ***PO Box No:***
Status: ***Country:***
Approval Years: 2010 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 541990
SIC Description: All Other Professional Scientific and Technical Services

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	16 of 22	SSW/172.5	80.8 / 5.02	Vineland Research and Innovation Centre 4890 Victoria Ave. Vineland Station ON L0R 2E0	GEN

Generator No: ON3945198
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541990
SIC Description: All Other Professional Scientific and Technical Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	17 of 22	SSW/172.5	80.8 / 5.02	UNIVERSITY OF GUELPH 4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON	GEN

Generator No: ON5453312
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 115110
SIC Description: Support Activities for Crop Production

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	18 of 22	SSW/172.5	80.8 / 5.02	Vineland Research and Innovation Centre 4890 Victoria Ave. Vineland Station ON L0R 2E0	GEN

Generator No: ON3945198
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541990
SIC Description: All Other Professional Scientific and Technical Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	19 of 22	SSW/172.5	80.8 / 5.02	UNIVERSITY OF GUELPH 4890 Victoria Avenue North P.O. Box 7000 Vineland Station ON L0R 2E0	GEN

Generator No: ON5453312
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 115110
SIC Description: Support Activities for Crop Production

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	20 of 22	SSW/172.5	80.8 / 5.02	ONTARIO REALTY 4890 VICTORIA Avenue North VINELAND ON L0R2E0	NPRI

NPRI ID: 8800000503
Other ID:
No Other ID:
Track ID:
Report ID:
Report Type:
Rpt Type ID:
Report Year: 2004
Not-Current Rpt?:
Yr of Last Filed Rpt:
Fac ID:
Fac Name: VINELAND HORTICULTURAL RESEARCH INSTITUTE
Fac Address1:
Fac Address2:
Fac Postal Zip:
Facility Lat:
Facility Long:
DLS (Last Filed Rpt):
Facility DLS:
Datum:
Facility Cmnts:
URL:
No of Empl.: 1
Parent Co.:
No Parent Co.:
Pollut Prev Cmnts:
Stacks:
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 53

Org ID:
Submit Date:
Last Modified:
Contact ID:
Cont Type: MED
Contact Title: Mr.
Cont First Name: ALEX
Cont Last Name: LYE
Contact Position: Environmental Assessment Manager
Contact Fax:
Contact Ph.:
Cont Area Code: 416
Contact Tel.: 3268229
Contact Ext.:
Cont Fax Area Cde: 416
Contact Fax: 2121131
Contact Email: alex.lye@orc.gov.on.ca
Latitude:
Longitude:
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams:
No Streams:
Waste Off Sites:
No Off Sites:
Shutdown:
No of Shutdown:

NAICS 2 Description: Real Estate and Rental and Leasing
NAICS Code (4 digit): 5311
NAICS 4 Description: Lessors of Real Estate
NAICS Code (6 digit): 531120
NAICS 6 Description: Lessors of Non-Residential Buildings (except Mini-Warehouses)

Substance Release Report

CAS No: 7446-09-5
Report ID:
Rpt Period: 2004
Subst Released: Sulphur dioxide
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 811-97-2
Report ID:
Rpt Period: 2004
Subst Released: HFC-134a Hydrofluorocarbon
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 11104-93-1
Report ID:
Rpt Period: 2004
Subst Released: Nitrogen oxides (expressed as NO2)
Air:
Water:
Land:
Total Releases:
Units: tonnes

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6 | ***21 of 22*** | ***SSW/172.5*** | ***80.8 / 5.02*** | ***UNIVERSITY OF GUELPH***
4890 Victoria Avenue North P.O. Box 7000
Vineland Station ON | ***GEN***

Generator No: ON5453312
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 115110
SIC Description: SUPPORT ACTIVITIES FOR CROP PRODUCTION

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	22 of 22	SSW/172.5	80.8 / 5.02	Vineland Research and Innovation Centre 4890 Victoria Ave. Vineland Station ON	GEN

Generator No: ON3945198
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SW/172.6	79.8 / 4.02	Vineland Research Farm Lincoln ON	FCS

SGC: 3526057
Site ID: 00001335
Departmental ID: Site
Depart Code: AGR
Class Type:
Class:
Site Name: Vineland Research Farm
Site Name (FR): Vineland Ferme de recherches
Site Status: Closed
Site Status Desc: Historical review completed. No further action required.
Site Status (FR): Fermé
Description (FR): Examen historique terminé. Aucune autre mesure nécessaire.
Involv Code:
Census Division: Niagara
Municipality: Lincoln
Census Sub Class: 1
Latitude: 43.191910
Longitude: -79.396000
Location:
Protected Data: 0
FED: 068
Fed Electoral District: Niagara West
Fed Electoral District (FR): Niagara-Ouest
Metro:
Nearest Pop. Area:
Highest Step Cmpltd: 2
Site Deleted Flag:
Created: 2006-07-25T12:49:00
Modified: 2013-07-19T14:33:20.127

Property No.:	10439
Est m³ Contmnted:	0
Est Ha Contmnted:	
Est Tons Contamin:	
Est Population at 1 Km:	177
Est Population at 5 Km:	6,813
Est Population at 10 Km:	38,861
Est Population at 25 Km:	368,107
Est Population at 50 Km:	2,224,377
Reporting Org:	
Reporting Org (FR):	
Reason for Involv:	Federal Real Property
Reason for Involv (FR):	Biens immobiliers fédéraux
Liable Third Party:	
Class (FR):	
Action Plan:	No further action required
Action Plan (FR):	Aucune autre measure à prendre
Site Mgmnt Strategy:	
Minimap URL:	http://www.tbs-sct.gc.ca/fcsi-rscf/minimap.aspx?fsi=00001335
Additional Info:	
Additional Info (FR):	

Annual Data

Fiscal Year:	2011-2012
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	02
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	Yes
Actual Cubic Metres Rem:	0
Actual Hectares Rem:	0
Actual Tons Remediated:	0
Total Asmt Expenditure:	$0.00
Total Remediation Expenditure:	$0.00
Total Care/Maint Expenditur:	$0.00
Total Mntring Expenditure:	$0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	$0.00
FCSAP Remed Expenditure:	$0.00
FCSAP Care/Maint Expenditur:	$0.00
FCSAP Mntring Expenditure:	$0.00

Annual Data

Fiscal Year:	2010-2011
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	

Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 02
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0
Actual Hectares Rem: 0
Actual Tons Remediated: 0
Total Asmt Expenditure: $0.00
Total Remediation Expenditure: $0.00
Total Care/Maint Expenditur: $0.00
Total Mntring Expenditure: $0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: $0.00
FCSAP Remed Expenditure: $0.00
FCSAP Care/Maint Expenditur: $0.00
FCSAP Mntring Expenditure: $0.00

Annual Data

Fiscal Year: 2006-2007
Reporting Organization: AGR
Reporting Organization (EN): Agriculture and Agri-Food Canada
Reporting Organization (FR): Agriculture et Agroalimentaire Canada
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 01
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0
Actual Hectares Rem: 0
Actual Tons Remediated: 0
Total Asmt Expenditure: $0.00
Total Remediation Expenditure: $0.00
Total Care/Maint Expenditur: $0.00
Total Mntring Expenditure: $0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: $0.00
FCSAP Remed Expenditure: $0.00
FCSAP Care/Maint Expenditur: $0.00
FCSAP Mntring Expenditure: $0.00

Annual Data

Fiscal Year:	2005-2006
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	01
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0
Actual Hectares Rem:	0
Actual Tons Remediated:	0
Total Asmt Expenditure:	$0.00
Total Remediation Expenditure:	$0.00
Total Care/Maint Expenditur:	$0.00
Total Mntring Expenditure:	$0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	$0.00
FCSAP Remed Expenditure:	$0.00
FCSAP Care/Maint Expenditur:	$0.00
FCSAP Mntring Expenditure:	$0.00

Annual Data

Fiscal Year:	2007-2008
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	02
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0
Actual Hectares Rem:	0
Actual Tons Remediated:	0
Total Asmt Expenditure:	$0.00
Total Remediation Expenditure:	$0.00
Total Care/Maint Expenditur:	$0.00
Total Mntring Expenditure:	$0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	$30,000.00

FCSAP Remed Expenditure:	$0.00
FCSAP Care/Maint Expenditur:	$0.00
FCSAP Mntring Expenditure:	$0.00

Annual Data

Fiscal Year:	2008-2009
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	02
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	Yes
Actual Cubic Metres Rem:	0
Actual Hectares Rem:	0
Actual Tons Remediated:	0
Total Asmt Expenditure:	$0.00
Total Remediation Expenditure:	$0.00
Total Care/Maint Expenditur:	$0.00
Total Mntring Expenditure:	$0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	$0.00
FCSAP Remed Expenditure:	$0.00
FCSAP Care/Maint Expenditur:	$0.00
FCSAP Mntring Expenditure:	$0.00

Annual Data

Fiscal Year:	2009-2010
Reporting Organization:	AGR
Reporting Organization (EN):	Agriculture and Agri-Food Canada
Reporting Organization (FR):	Agriculture et Agroalimentaire Canada
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	02
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0
Actual Hectares Rem:	0
Actual Tons Remediated:	0

Total Asmt Expenditure:	$0.00
Total Remediation Expenditure:	$0.00
Total Care/Maint Expenditur:	$0.00
Total Mntring Expenditure:	$0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	$0.00
FCSAP Remed Expenditure:	$0.00
FCSAP Care/Maint Expenditur:	$0.00
FCSAP Mntring Expenditure:	$0.00

8 **1 of 1** **SSW/177.9** **80.7 / 4.89** **Victoria Ave North con -02**
VINELAND STATION ON **WWIS**

Well ID:	7354434	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	2/26/2020
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z321848	**Owner:**	
Tag:	A280496	**Street Name:**	Victoria Ave North
Construction Method:		**County:**	NIAGARA
Elevation (m):		**Municipality:**	LINCOLN TOWN (LOUTH)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	-02
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/11/04
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.191498450946
Longitude:	-79.3950739393217
Path:	

Bore Hole Information

Bore Hole ID:	1008181487	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	630409.00
Code OB Desc:		**North83:**	4783331.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04-Nov-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008352965
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352967
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	7.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008352966
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	2.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008353260
Layer:	2
Plug From:	9
Plug To:	20
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008353259
Layer: 1
Plug From: 0
Plug To: 9
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008353633
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1008353634
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 1008352686
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008353837
Layer: 1
Slot: 10
Screen Top Depth: 10
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pump Test ID: 1008353977
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

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

Water Details

Water ID: 1008353891
Layer: 1
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008353535
Diameter: 3.799999952316284
Depth From: 7.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1008353534
Diameter: 6.0
Depth From: 0.0
Depth To: 7.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

9	*1 of 17*	*SW/199.0*	*80.5 / 4.73*	***AGRICULTURE CANADA, VINELAND RES. STATIO*** ***4902 VICTORIA AVE., VINELAND*** ***LINCOLN TOWN ON***	*CA*

Certificate #: 8-2185-94-
Application Year: 94
Issue Date: 10/18/1994
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: 1) COGENERATION PACKAGE, 2) BOILERS
Contaminants:
Emission Control:

9	*2 of 17*	*SW/199.0*	*80.5 / 4.73*	***AGRICULTURE CANADA, VINELAND RES. STATIO*** ***4902 VICTORIA AVE., VINELAND*** ***LINCOLN TOWN ON***	*CA*

Certificate #: 8-2185-94-956
Application Year: 94
Issue Date: 3/9/95
Approval Type: Industrial air
Status: Received in 1994, Issued in 1995
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: 1) COGENERATION PACKAGE, 2) BOILERS

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

Contaminants: Nitrogen Oxides, Carbon Monoxide
Emission Control:

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9 **3 of 17** **SW/199.0** **80.5 / 4.73** **AGRICULTURE AND AGRI-FOOD CANADA 18-173**
4902 VICTORIA AVE. NORTH
VINELAND STATION ON L0R 2E0 **GEN**

Generator No: ON0022800
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 8176
SIC Description: RESEARCH ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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9 **4 of 17** **SW/199.0** **80.5 / 4.73** **AGRICULTURE AND AGRI-FOOD CANADA**
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 **GEN**

Generator No: ON0022800
Status:
Approval Years: 98,99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 8176
SIC Description: RESEARCH ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 243
Waste Class Desc: PCB'S

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

9	5 of 17	SW/199.0	80.5 / 4.73	Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON	CA

Certificate #: 4825-8KSPBG
Application Year: 2011
Issue Date: 8/18/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

9	6 of 17	SW/199.0	80.5 / 4.73	AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON	GEN

Generator No: ON0022800
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541990, 541990, 541990
SIC Description: All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services,

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

All Other Professional Scientific

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Desc: PCBS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

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9 | ***7 of 17*** | ***SW/199.0*** | ***80.5 / 4.73*** | ***AGRICULTURE AND AGRI-FOOD CANADA***
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON | ***GEN***

Generator No: ON0022800
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541990, 541990, 541990
SIC Description: All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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9 | **8 of 17** | **SW/199.0** | **80.5 / 4.73** | **AGRICULTURE AND AGRI-FOOD CANADA**
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON | **GEN**

Generator No: ON0022800
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541990, 541990, 541990
SIC Description: All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 243
Waste Class Desc: PCBS

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

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

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9 | **9 of 17** | **SW/199.0** | **80.5 / 4.73** | **AGRICULTURE AND AGRI-FOOD CANADA**
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | **GEN**

Generator No: ON0022800
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541990, 541990, 541990
SIC Description: All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services, All Other Professional Scientific and Technical Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

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9 | **10 of 17** | **SW/199.0** | **80.5 / 4.73** | **AGRICULTURE AND AGRI-FOOD CANADA**
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON | **GEN**

Generator No: ON0022800
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

SIC Code: 541990, 541990, 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

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

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9 | **11 of 17** | **SW/199.0** | **80.5 / 4.73** | ***Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food 4902 Victoria Ave N Lincoln ON L0R 2E0*** | **ECA**

Approval No: 4825-8KSPBG
Approval Date: 2011-08-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Niagara Peninsula
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food
Address: 4902 Victoria Ave N
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2685-8FUGFP-14.pdf
PDF Site Location:

MOE District: Niagara
City:
Longitude: -79.40461
Latitude: 43.172443
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	12 of 17	SW/199.0	80.5 / 4.73	AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	GEN

Generator No: ON0022800
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541990, 541990, 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kathleen G.G. Jensen
Phone No Admin: 905-562-2041 Ext.

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	13 of 17	SW/199.0	80.5 / 4.73	AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	GEN

Generator No: ON0022800
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kathleen G.G. Jensen
Phone No Admin: 905-562-2041 Ext.

SIC Code: 541990, 541990, 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

9	14 of 17	SW/199.0	80.5 / 4.73	AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	GEN

Generator No: ON0022800
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541990, 541990, 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES, ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kathleen G.G. Jensen
Phone No Admin: 905-562-2041 Ext.

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

Waste Class: 243
Waste Class Desc: PCBS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

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9 | ***15 of 17*** | ***SW/199.0*** | ***80.5 / 4.73*** | ***AGRICULTURE AND AGRI-FOOD CANADA***
4902 VICTORIA AVENUE NORTH
VINELAND STATION ON L0R 2E0 | ***GEN***

Generator No: ON0022800
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: Box 6000
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 148 A
Waste Class Desc: Misc. wastes and inorganic chemicals

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

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

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

Waste Class: 148 L
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 212 B
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 212 H
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 241 H
Waste Class Desc: Halogenated solvents and residues

Waste Class: 242 H
Waste Class Desc: Halogenated pesticides and herbicides

Waste Class: 242 T
Waste Class Desc: Halogenated pesticides and herbicides

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

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 C
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class: 269 A
Waste Class Desc: Organic non-halogenated pesticide and herbicide wastes

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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

Waste Class: 269 B
Waste Class Desc: Organic non-halogenated pesticide and herbicide wastes

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9	16 of 17	SW/199.0	80.5 / 4.73	AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0	GEN

Generator No: ON0022800
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: Box 6000
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 242 T
Waste Class Desc: Halogenated pesticides and herbicides

Waste Class: 263 C
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	241 H
Waste Class Desc:	Halogenated solvents and residues
Waste Class:	212 H
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	212 B
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	242 H
Waste Class Desc:	Halogenated pesticides and herbicides
Waste Class:	269 B
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	148 L
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	269 A
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	263 A
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders

9	***17 of 17***	***SW/199.0***	***80.5 / 4.73***	***AGRICULTURE AND AGRI-FOOD CANADA 4902 VICTORIA AVENUE NORTH VINELAND STATION ON L0R 2E0***	***GEN***

Generator No:	ON0022800	***PO Box No:***	Box 6000
Status:	Registered	***Country:***	Canada
Approval Years:	As of Aug 2021	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

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

Detail(s)

Waste Class:	263 A
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	242 T
Waste Class Desc:	Halogenated pesticides and herbicides
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	269 A
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	212 H
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	148 L
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	212 B
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	263 C
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	269 B
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	241 H
Waste Class Desc:	Halogenated solvents and residues
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	242 H
Waste Class Desc:	Halogenated pesticides and herbicides

10	***1 of 1***	***NW/236.9***	***74.8 / -0.98***	***4890 VICTORIA AVE VINELAND ON***	***WWIS***

Well ID:	7100805	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/10/2007
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6607
Casing Material:		**Form Version:**	5
Audit No:	M00621	**Owner:**	
Tag:	A059211	**Street Name:**	4890 VICTORIA AVE
Construction Method:		**County:**	NIAGARA
Elevation (m):		**Municipality:**	LINCOLN TOWN (CLINTON)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1945726498307
Longitude: -79.3966179200989
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1898988114023
Longitude: -79.3985124122088
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1893699242648
Longitude: -79.3967541462394
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1888460906671

Longitude: -79.3972847173146
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1893065705849
Longitude: -79.3967311924084
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1885915606718
Longitude: -79.3983989252163
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.189085159841
Longitude: -79.3969954186308
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/23
Year Completed: 2007
Depth (m): 7.5
Latitude: 43.1887153390471
Longitude: -79.3982357088028
Path: 710\7100805.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7100805.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/24
Year Completed: 2007
Depth (m):
Latitude: 43.1952022774711
Longitude: -79.3984967717901
Path: 710\7100805.pdf

Bore Hole Information

Bore Hole ID: 1001611036 ***Elevation:*** 75.391357

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 24-Oct-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevrc:
Zone: 17
East83: 630277.00
North83: 4783670.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001611040
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1001611039
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1001611041
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001611043
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001611042
Layer:
Slot:
Screen Top Depth: 3
Screen End Depth: 7.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID:	1001611044
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1001611038
Diameter:	21.0
Depth From:	
Depth To:	7.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1001611027	***Elevation:***	75.317184
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	630123.00
Code OB Desc:		***North83:***	4783737.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	24-Oct-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001611031
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1001611030
Method Construction Code:	
Method Construction:	

Other Method Construction: AUGER

Pipe Information

Pipe ID: 1001611032
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001611034
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001611033
Layer:
Slot:
Screen Top Depth: 3
Screen End Depth: 7.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001611035
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001611029
Diameter: 21.0
Depth From:
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1001611009	***Elevation:***	80.890052
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	630279.00
Code OB Desc:		***North83:***	4783085.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	24-Oct-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001611013
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1001611012
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1001611014
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001611016
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	3
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001611015
Layer:	
Slot:	
Screen Top Depth:	3
Screen End Depth:	7.5
Screen Material:	

Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001611017
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001611011
Diameter: 21.0
Depth From:
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1000066148
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole: No
Cluster Kind:
Date Completed: 23-Oct-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.210922
Elevrc:
Zone: 17
East83: 630158.00
North83: 4783017.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1001611049
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 5.5
Formation End Depth: 7.5
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001611047
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.6000000238418579
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001611048
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0.6000000238418579
Formation End Depth: 5.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001611051
Layer: 1
Plug From: 0
Plug To: 2.70000004768372
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001611056
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1001611045
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1001611053
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3
Casing Diameter:	5.09999990463257
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001611054
Layer:	1
Slot:	20
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.40000009536743

Results of Well Yield Testing

Pump Test ID:	1001611046
Pump Set At:	
Static Level:	4.099999904632568
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1001611052
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	7.099999904632568
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1001611050
Diameter:	21.0
Depth From:	0.0
Depth To:	7.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1001610973	***Elevation:***	80.656669
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	630235.00
Code OB Desc:		***North83:***	4783033.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	24-Oct-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001610977
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1001610976
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1001610978
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001610980
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	3
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001610979
Layer:	
Slot:	
Screen Top Depth:	3
Screen End Depth:	7.5

Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001610981
Pump Set At:
Static Level: 4.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001610975
Diameter: 21.0
Depth From:
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1001610991
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 24-Oct-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 80.930900
Elevrc:
Zone: 17
East83: 630277.00
North83: 4783092.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001610995
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1001610994
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1001610996
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001610998
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001610997
Layer:
Slot:
Screen Top Depth: 3
Screen End Depth: 7.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001610999
Pump Set At:
Static Level: 4.099999904632568
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001610993
Diameter: 21.0
Depth From:
Depth To: 7.5

Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1001611018	**Elevation:**	82.269210
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	630133.00
Code OB Desc:		**North83:**	4783148.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:	This is a record from cluster log sheet	**UTMRC:**	3
Date Completed:	24-Oct-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1001611022
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1001611021
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1001611023
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001611025
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001611024
Layer:

Slot:
Screen Top Depth: 4.5
Screen End Depth: 7.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001611026
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001611020
Diameter: 21.0
Depth From:
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1001610982
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 24-Oct-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 80.847885
Elevrc:
Zone: 17
East83: 630258.00
North83: 4783060.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001610986
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:	1001610985
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1001610987
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001610989
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	4.5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001610988
Layer:	
Slot:	
Screen Top Depth:	4.5
Screen End Depth:	7.5
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1001610990
Pump Set At:	
Static Level:	4.099999904632568
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID: 1001610984
Diameter: 21.0
Depth From:
Depth To: 7.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1001611000
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 24-Oct-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 81.395240
Elevrc:
Zone: 17
East83: 630145.00
North83: 4783003.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001611004
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1001611003
Method Construction Code:
Method Construction:
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1001611005
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001611007
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	1001611006
Layer:	
Slot:	
Screen Top Depth:	3
Screen End Depth:	7.5
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1001611008
Pump Set At:	
Static Level:	4.099999904632568
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1001611002
Diameter:	21.0
Depth From:	
Depth To:	7.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	LINCOLN TOWN	VICTORIA AVENUE	LINCOLN TOWN ON	
CA	LINCOLN TOWN	VICTORIA AVE. FORCEMAIN	LINCOLN TOWN ON	
FST	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N VINELAND L0R 2E0 ON CA	ON	
FST	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N VINELAND L0R 2E0 ON CA	ON	
FST	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N VINELAND L0R 2E0 ON CA	ON	
FST	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N VINELAND L0R 2E0 ON CA	ON	
FST	MINISTRY OF AGRICULTURE & FOOD	ADDRESS NOT SPECIFIED VINELAND L0R 2E0 ON CA	ON	
FSTH	MINISTRY OF AGRICULTURE & FOOD		VINELAND ONT ON	
FSTH	MINISTRY OF AGRICULTURE & FOOD		VINELAND ON	
FSTH	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N	VINELAND ON	
FSTH	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N	VINELAND ON	
GEN	MINISTRY OF AGRICULTURE & FOOD	HORTICULTURAL RESEARCH INST. OF ONTARIO VINELAND STATION, VICTORIA AVE. NORTH	LINCOLN ON	L0R 2E0
GEN	GVT. OF CAN. - AGRICULTURE CANADA	RESEARCH STATION, VINELAND STATION VICTORIA AVE.	LINCOLN ON	L0R 2E0
PRT	MINISTRY OF AGRICULTURE & FOOD		VINELAND ONT ON	
PRT	MINISTRY OF AGRICULTURE & FOOD	VICTORIA AV N	VINELAND ON	
WWIS		N/A HWY QEW lot 1 con 1	VINELAND STATION ON	
WWIS		N/A HWY QEW lot 1 con 1	VINELAND STATION ON	

WWIS	N/A HWY QEW lot 1 con 1	VINELAND STATION ON
WWIS	N/A HWY QEW lot 1 con 1	VINELAND STATION ON

Unplottable Report

Site: ***LINCOLN TOWN***
VICTORIA AVENUE LINCOLN TOWN ON

Database: ***CA***

Certificate #:	7-1134-92-
Application Year:	92
Issue Date:	11/5/1992
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***LINCOLN TOWN***
VICTORIA AVE. FORCEMAIN LINCOLN TOWN ON

Database: ***CA***

Certificate #:	3-1446-96-
Application Year:	96
Issue Date:	1/2/1997
Approval Type:	Municipal sewage
Status:	
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND L0R 2E0 ON CA ON

Database: ***FST***

Instance No:	11033069	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/10/1991	***Fuel Type3:***	NULL
Install Year:	1991	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	2400	***Num Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:		***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:	VICTORIA AV N VINELAND L0R 2E0 ON CA

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF AGRICULTURE & FOOD

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF AGRICULTURE & FOOD
Item: FS LIQUID FUEL TANK

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND L0R 2E0 ON CA ON

Database: ***FST***

Instance No:	11033039	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Diesel
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/10/1991	***Fuel Type3:***	NULL
Install Year:	1991	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	2400	***Num Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:		***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: VICTORIA AV N VINELAND L0R 2E0 ON CA

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF AGRICULTURE & FOOD

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF AGRICULTURE & FOOD
Item: FS LIQUID FUEL TANK

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND L0R 2E0 ON CA ON

Database: ***FST***

Instance No:	11033084	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/10/1991	***Fuel Type3:***	NULL
Install Year:	1990	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	2400	***Num Underground:***	
Tank Material:	Fiberglass (FRP)	***Panam Related:***	
Corrosion Protect:		***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: VICTORIA AV N VINELAND L0R 2E0 ON CA

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF AGRICULTURE & FOOD

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF AGRICULTURE & FOOD
Item: FS LIQUID FUEL TANK

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND L0R 2E0 ON CA ON

Database: ***FST***

Instance No:	11033054	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/10/1991	***Fuel Type3:***	NULL
Install Year:	1991	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	2400	***Num Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:		***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: VICTORIA AV N VINELAND L0R 2E0 ON CA

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF AGRICULTURE & FOOD

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF AGRICULTURE & FOOD
Item: FS LIQUID FUEL TANK

Site: ***MINISTRY OF AGRICULTURE & FOOD***
ADDRESS NOT SPECIFIED VINELAND L0R 2E0 ON CA ON

Database: ***FST***

Instance No:	11033099	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Diesel
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	12/20/1990	***Fuel Type3:***	NULL
Install Year:	1990	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	2400	***Num Underground:***	
Tank Material:	Fiberglass (FRP)	***Panam Related:***	

Corrosion Protect: ***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: ADDRESS NOT SPECIFIED VINELAND L0R 2E0 ON CA

Fuel Storage Tank Details

Owner Account Name: MINISTRY OF AGRICULTURE & FOOD

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: MINISTRY OF AGRICULTURE & FOOD
Item: FS LIQUID FUEL TANK

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VINELAND ONT ON

Database: ***FSTH***

License Issue Date: 1/22/1991
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: 1990
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VINELAND ON

Database: ***FSTH***

License Issue Date: 1/22/1991
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: 1990
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND ON

Database: ***FSTH***

License Issue Date: 1/30/1992
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: 1991
Corrosion Protection:

Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND ON

Database: ***FSTH***

License Issue Date: 1/30/1992
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: 1991
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 2400
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: ***MINISTRY OF AGRICULTURE & FOOD***
HORTICULTURAL RESEARCH INST. OF ONTARIO VINELAND STATION, VICTORIA AVE. NORTH LINCOLN ON L0R 2E0

Database: ***GEN***

Generator No: ON0199203
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 0171
SIC Description: COMBINATION FARMS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: ***GVT. OF CAN. - AGRICULTURE CANADA***
RESEARCH STATION, VINELAND STATION VICTORIA AVE. LINCOLN ON L0R 2E0

Database: ***GEN***

Generator No: ON0022800
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8176
SIC Description: RESEARCH ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VINELAND ONT ON

Database: ***PRT***

Location ID: 16282
Type: private
Expiry Date:
Capacity (L): 2400.00
Licence #: 0001051011

Site: ***MINISTRY OF AGRICULTURE & FOOD***
VICTORIA AV N VINELAND ON

Database: ***PRT***

Location ID: 16281
Type: private
Expiry Date:
Capacity (L): 9600.00
Licence #: 0001051242

Site:
N/A HWY QEW lot 1 con 1 VINELAND STATION ON

Database: ***WWIS***

Well ID: 7366264
Construction Date:
Primary Water Use: Monitoring

Data Entry Status:
Data Src:
Date Received: 8/24/2020

Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 9CCCYK7B
Tag: A293326
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: True
Abandonment Rec:
Contractor: 6607
Form Version: 9
Owner:
Street Name: N/A HWY QEW
County: NIAGARA
Municipality: LINCOLN TOWN (CLINTON)
Site Info: QEW & VICTORIA AVE.
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1008406153
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07-Aug-2020 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 630403.00
North83: 4782749.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008406231
Layer: 2
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2: 34
Mat2 Desc: TILL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 10.0
Formation End Depth: 22.600000381469727
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008406230
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 0.0

Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008406294
Layer: 2
Plug From: 1
Plug To: 11
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008406277
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008406293
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008406204
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008406188
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008406254
Layer: 1
Slot: 10
Screen Top Depth: 12.6000003814697
Screen End Depth: 22.6000003814697
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pump Test ID: 1008406189
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: 1008406263
Diameter: 8.0
Depth From: 0.0
Depth To: 22.600000381469727
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
N/A HWY QEW lot 1 con 1 VINELAND STATION ON

Database: ***WWIS***

Well ID: 7366270
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: MPJDI55G
Tag: A293725
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/24/2020
Selected Flag: True
Abandonment Rec:
Contractor: 6607
Form Version: 9
Owner:
Street Name: N/A HWY QEW
County: NIAGARA
Municipality: LINCOLN TOWN (CLINTON)
Site Info: QEW & VICTORIA AVE.
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1008406171
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Aug-2020 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 630426.00
North83: 4782858.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008406241

Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 34
Mat2 Desc: TILL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 3.0
Formation End Depth: 9.100000381469727
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008406240
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008406242
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 9.100000381469727
Formation End Depth: 12.100000381469727
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008406283
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008406308
Layer: 1
Plug From: 0
Plug To: 0.300000011920929
Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID:	1008406309
Layer:	2
Plug From:	0.300000011920929
Plug To:	9.10000038146973
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008406210
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008406200
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008406260
Layer:	1
Slot:	10
Screen Top Depth:	9.10000038146973
Screen End Depth:	12.1000003814697
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.40000009536743

Results of Well Yield Testing

Pump Test ID:	1008406201
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008406269
Diameter:	21.0
Depth From:	0.0
Depth To:	12.100000381469727
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Site: ***N/A HWY QEW lot 1 con 1 VINELAND STATION ON***

Database: ***WWIS***

Well ID:	7366262	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/24/2020
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	9
Audit No:	2AH6JHEL	***Owner:***	
Tag:	A293742	***Street Name:***	N/A HWY QEW
Construction Method:		***County:***	NIAGARA
Elevation (m):		***Municipality:***	LINCOLN TOWN (CLINTON)
Elevation Reliability:		***Site Info:***	QEW & VICTORIA AVE.
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1008406147	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	630412.00
Code OB Desc:		***North83:***	4782685.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06-Aug-2020 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008406227
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008406275
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1008406290
Layer:	2
Plug From:	1
Plug To:	2
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008406289
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008406202
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008406184
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008406252
Layer:	1
Slot:	10
Screen Top Depth:	2
Screen End Depth:	12
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Results of Well Yield Testing

Pump Test ID:	1008406185
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:	1008406261
Diameter:	8.0
Depth From:	0.0
Depth To:	12.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Site:

N/A HWY QEW lot 1 con 1 VINELAND STATION ON

Database: ***WWIS***

Well ID:	7366269	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/24/2020
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	9
Audit No:	KF8YG46S	***Owner:***	
Tag:	A293671	***Street Name:***	N/A HWY QEW
Construction Method:		***County:***	NIAGARA
Elevation (m):		***Municipality:***	LINCOLN TOWN (CLINTON)
Elevation Reliability:		***Site Info:***	QEW & VICTORIA AVE.
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1008406168	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	630425.00
Code OB Desc:		***North83:***	4782879.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	05-Aug-2020 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008406238
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Mat2 Desc:	TILL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	3.0
Formation End Depth:	7.599999904632568
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1008406237
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008406239
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	7.599999904632568
Formation End Depth:	10.600000381469727
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008406306
Layer:	1
Plug From:	0
Plug To:	0.300000011920929
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008406282
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008406307
Layer:	2
Plug From:	0.300000011920929
Plug To:	7.59999990463257
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008406209
Method Construction Code:	6
Method Construction:	Boring

Other Method Construction:

Pipe Information

Pipe ID: 1008406198
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008406259
Layer: 1
Slot: 10
Screen Top Depth: 7.59999990463257
Screen End Depth: 10.6000003814697
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.40000009536743

Results of Well Yield Testing

Pump Test ID: 1008406199
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008406268
Diameter: 21.0
Depth From: 0.0
Depth To: 10.600000381469727
Hole Depth UOM: m
Hole Diameter UOM: cm

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Sep 30, 2021

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 2019

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: May 31, 2021

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-Sep 30, 2021

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 -Nov 2021

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-Jul 2021

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Oct 31, 2021

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

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- Sep 30, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994- Oct 31, 2021

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- Sep 30, 2021

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-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: May 31, 2020

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Aug 2021

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: May 31, 2021

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-Aug 31, 2021

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: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

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-Feb 28, 2021

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-Jan 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 all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Oct 31, 2021

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- Sep 30, 2021

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: May 31, 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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Oct 31, 2021

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, 1992-2019

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-Oct 2021

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Sep 2020

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

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- Sep 30, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

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

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

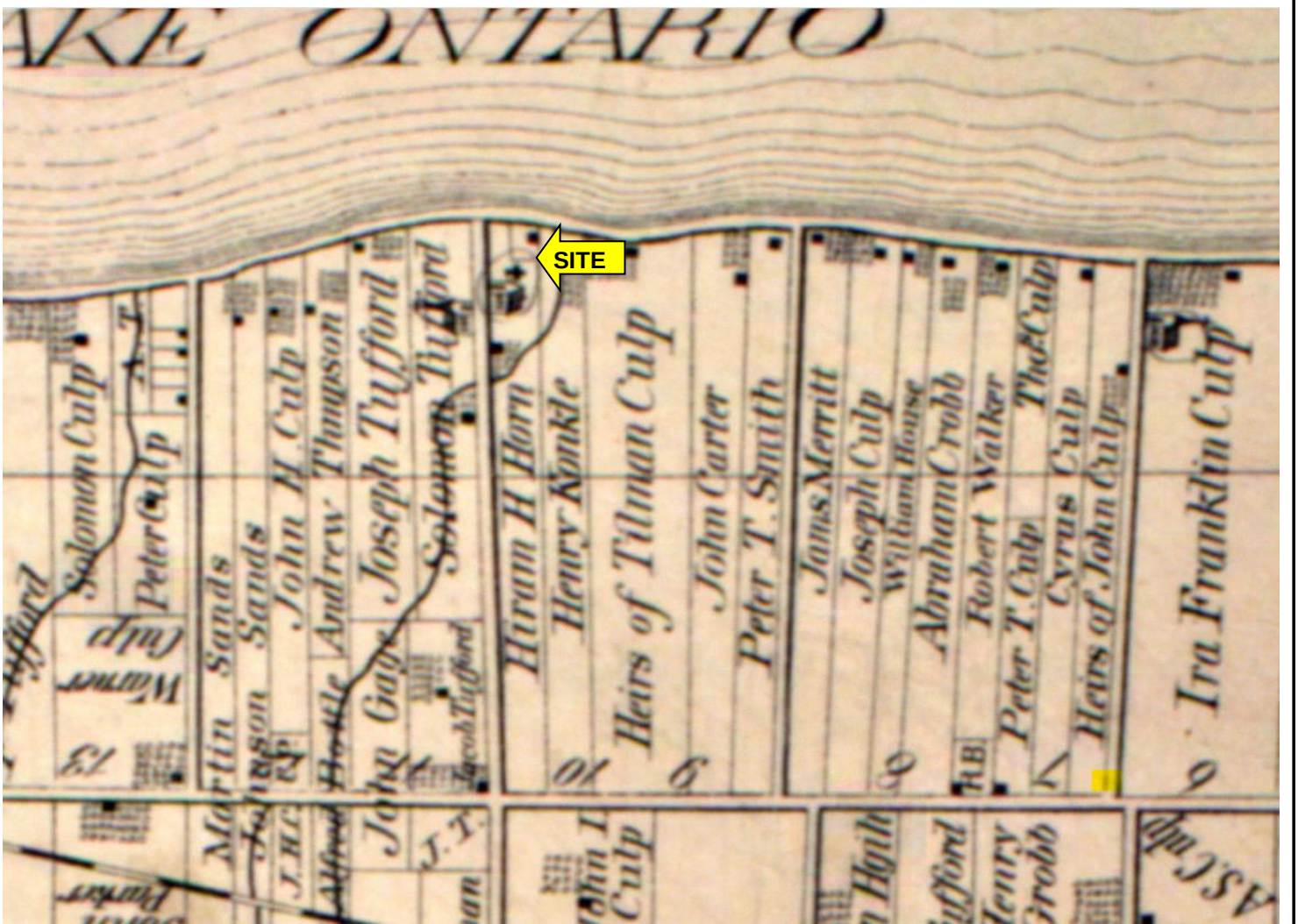
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX B

MAPPING AND AERIAL PHOTOGRAPHS



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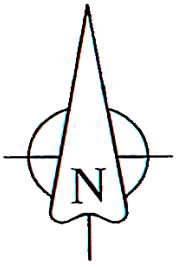
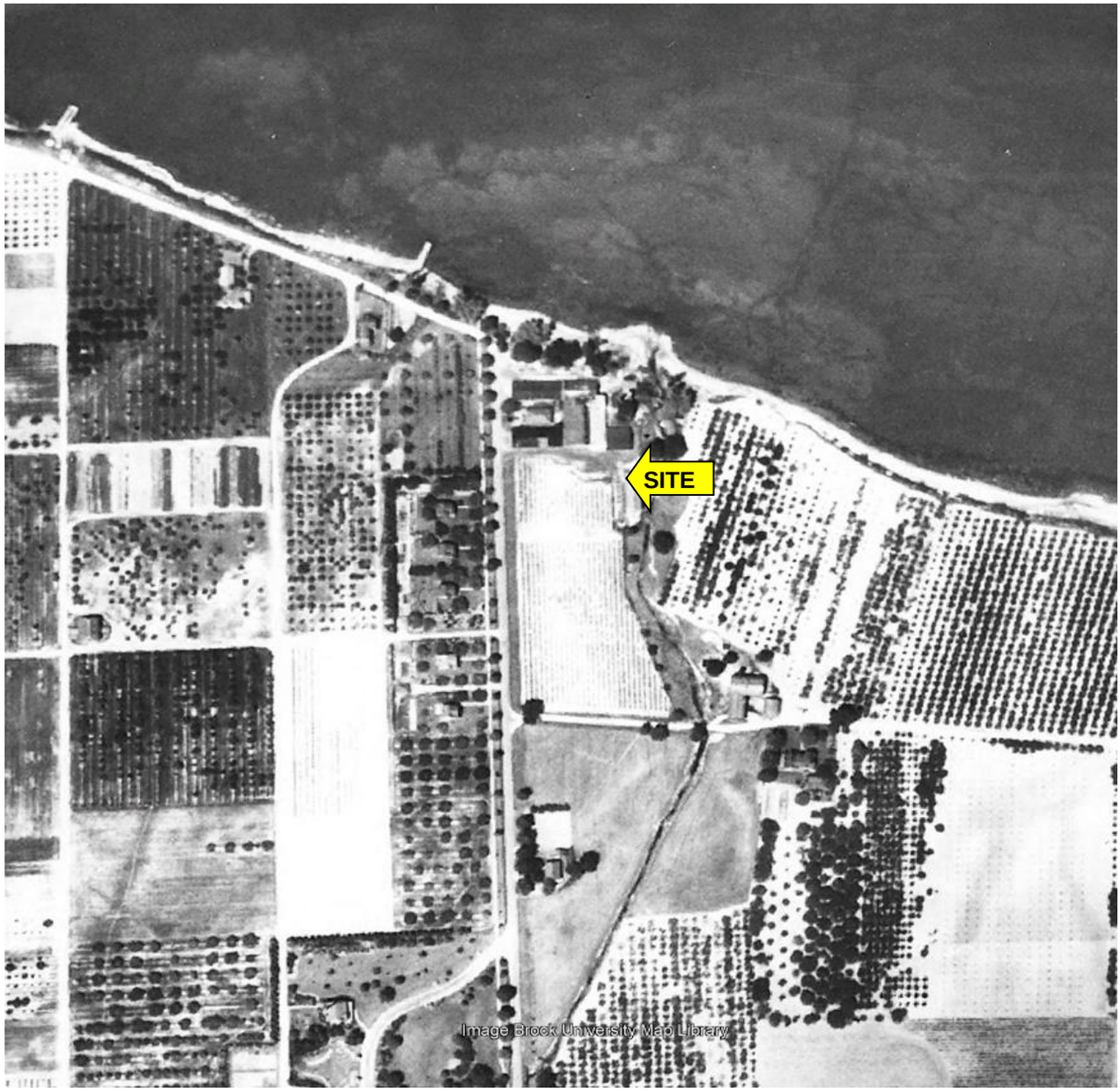
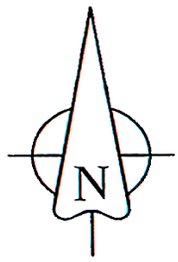
LANDTEK LIMITED		
Scale:	NTS	Date: February 2022
Project:	Phase 1 ESA 4933 Victoria Avenue North Vineland (Town of Lincoln), Ontario	
Title:	Historical Map - 1880	
Project No.	21547	



LANDTEK LIM

Scale:	NTS	Date: Februar
Project:		Phase 1 ESA 4933 Victoria Avenue Vineland (Town of Lincol
Title:		Aerial Photograph -
Project No.	21547	





LANDTEK LIMITED

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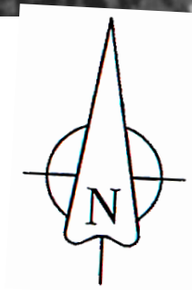
Title:	Aerial Photograph - 1934	
Project No.	21547	



LANDTEK LIMITED

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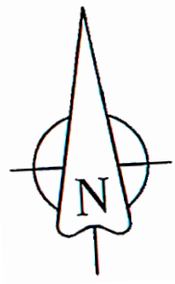
Project No.	21547	



LANDTEK LIMITED

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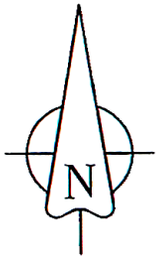

LANDTEK LIMITED

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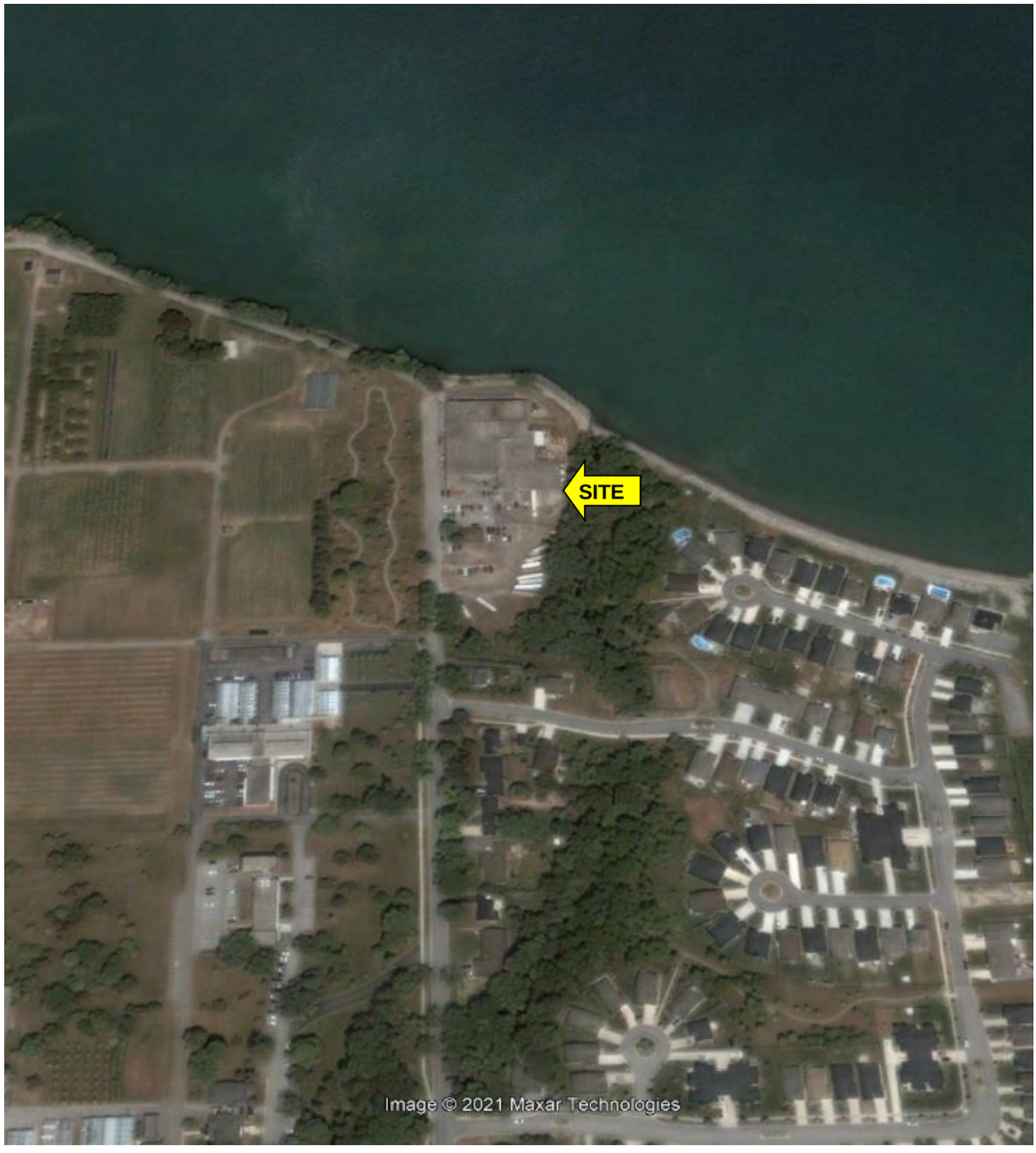
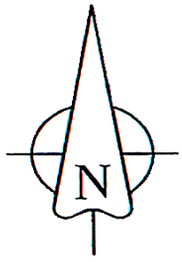
Project No.	21547	





LANDTEK LIMITED

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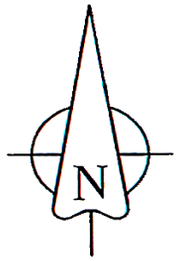
Title:	Aerial Photograph - 2006	
Project No.	21547	



LANDTEK LIMITED

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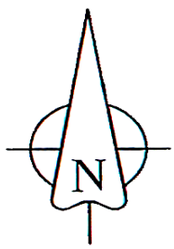
Project No.	21547	



LANDTEK LIMITED

Scale:	NTS	Date: February 2022
Project:	Phase 1 ESA 4933 Victoria Avenue North Vineland (Town of Lincoln), Ontario	
Title:	Aerial Photograph - 2018	
Project No.	21547	

APPENDIX C

PHOTOGRAPHS OF TYPICAL SITE CONDITIONS

Photograph 1	
Northern portion of the Site facing north. Industrial portion of the Site. Southern wall of northern building.	

Photograph 2	
Western portion of the Site facing south. Industrial portion of the Site, fronting Victoria Avenue North.	

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Project No. 21547	Date: March 2022
Phase One ESA 4933 Victoria Avenue North (Vineland) Town of Lincoln, Ontario	
Title:	Typical Site Condition Photographs

Photograph 3	
Northern portion of the Site facing east. Industrial portion of the Site. Northern wall of northern building.	

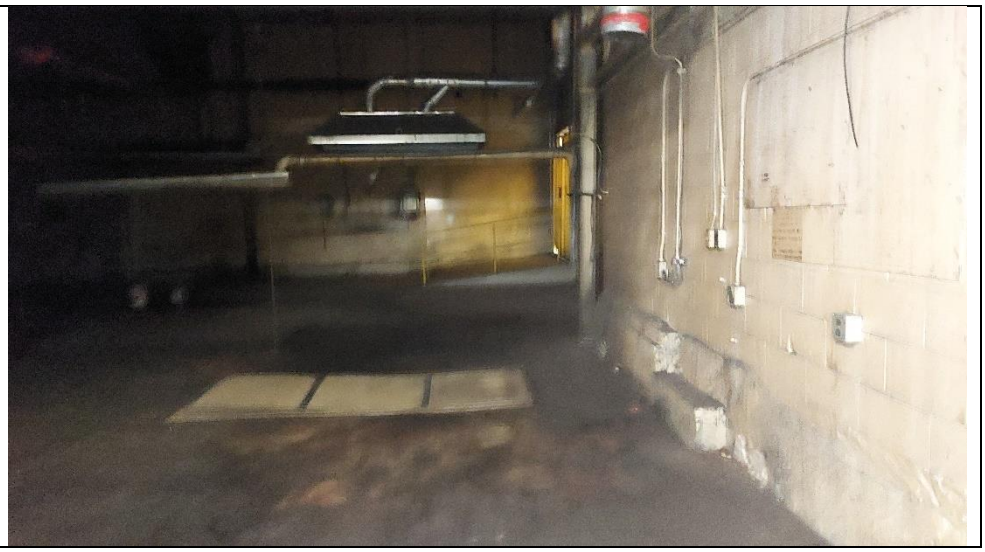
Photograph 4	
Northeastern portion of the Site facing north. Industrial portion of the Site. Eastern wall of northern building.	

LANDTEK LIMITED	
Project No. 21547	Date: March 2022
Phase One ESA 4933 Victoria Avenue North (Vineland) Town of Lincoln, Ontario	
Title:	Typical Site Condition Photographs

Photograph 5	
Central portion of the Site facing west. Eastern wall of commercial office building.	

Photograph 6	
Eastern portion of the Site facing south. NPCA lands.	

LANDTEK LIMITED		
Project No.	21547	Date: March 2022
Phase One ESA 4933 Victoria Avenue North (Vineland) Town of Lincoln, Ontario		
Title:	Typical Site Condition Photographs	

Photograph 7	
Interior of Industrial building.	

Photograph 8	
Interior of Industrial building, paint booth.	

LANDTEK LIMITED		
Project No.	21547	Date: March 2022
Phase One ESA 4933 Victoria Avenue North (Vineland) Town of Lincoln, Ontario		
Title:	Typical Site Condition Photographs	

Photograph 9	
Interior of Industrial building.	

Photograph 10	
Interior of Industrial building.	

LANDTEK LIMITED

Project No. 21547	Date: March 2022
Phase One ESA 4933 Victoria Avenue North (Vineland) Town of Lincoln, Ontario	
Title:	Typical Site Condition Photographs