

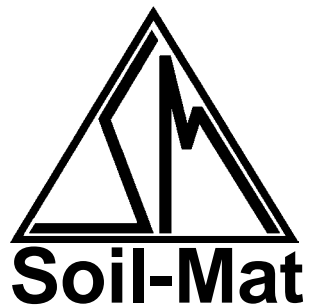
PROJECT NO.: SM 230169-E

MAY 25, 2023

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
111 VICTORIA STREET
WELLAND, ONTARIO**

PREPARED FOR:

DEHAM CANADA INC.



BY

**SOIL-MAT ENGINEERS & CONSULTANTS LTD.
401 GRAYS ROAD
HAMILTON, ONTARIO
L8E 2Z3**

PROJECT NO.: SM 230169-E



MAY 25, 2023

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
111 VICTORIA STREET
WELLAND, ONTARIO**

PREPARED FOR:

DEHAM CANADA INC.

BY

**SOIL-MAT ENGINEERS & CONSULTANTS LTD.
401 GRAYS ROAD
HAMILTON, ONTARIO
L8E 2Z3**

1.0 EXECUTIVE SUMMARY

The Phase One Environmental Site Assessment [ESA] conducted for this property consisted of a historical records review, interviews and a reconnaissance of the Phase One Property. Of note, the research and reporting were conducted in accordance with Ontario Regulation 153/04 [as amended] in order to support the future filing of a Record of Site Condition [RSC] for the Phase One Property.

At the time of this Report, the Phase One Property was comprised of a roughly rectangular shaped parcel of vacant land located on the corner of Victoria Street and Hester Lane in the city of Welland, Ontario. Specifically, the Phase One Property was observed to be relatively flat and mainly comprised of grass covered areas. In addition, remnants of a former building foundation were observed on the central portion of the Phase One Property, and a gravel covered driveway was observed on the southeastern portion of the Phase One Property.

The Phase One ESA research revealed three [3] potentially contaminating activities [PCAs] on the Phase One Property, including the following:

- Information extrapolated from existing fire insurance plans and available Title [ownership] searches revealed that a seed company [The Vaughan Seed Company] operated on the Phase One Property from circa 1909 to 2008;
- Our Phase One ESA research revealed a building, located on the central and northeast portion of the Phase One Property, was destroyed during a fire, and;
- Information extrapolated from available aerial photographs, topographic maps and fire insurance plans revealed a building was formerly located on the central and northeast portion of the Phase One Property.

The lands in the general vicinity of the Phase One Property are comprised of a mixture of commercial and residential use lands. The Phase One ESA research revealed two [2] historical PCAs on lands in the Phase One Study Area that are considered a PCAs likely to cause an area of potential environmental concern [APEC] on the Phase One Property, including the following:

- A foundry formerly maintained operations on a nearby property located approximately 40 metres east from the Site. Specifically, the nearby property was occupied by Welland Machine & Foundry Ltd., from circa 1913 to 1931, Welland Steel Castings Ltd, from circa 1931 to 1935, and Welland Electric Steel foundry from circa 1935 to 1954, and;
- A metal fabrication facility is located approximately 40 metres east of the Phase One Property. Specifically, the nearby property was occupied by Ward Iron Works, from circa 1971 to 2005, and General Fabrication and Equipment Manufacturing from circa 2010 to time of this Report.

The specific PCA numbers, and associated APECs, associated with the identified potential environmental concerns include the following:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Locations of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #1	In the immediate vicinity of the former structure on the Phase One Property.	30. Importation of Fill Material of Unknown Quality [PCA A]	On-Site	Metals, Petroleum Hydrocarbons [PHCs], and Benzene, Toluene, Ethylbenzene and Xylenes [BTEX]	Soil
		Other. Incomplete Combustion of Organic Matter [PCA B]	On-Site	Metals, PHCs, BTEX, Volatile Organic Compounds [VOCs] and Polycyclic Aromatic Hydrocarbons [PAHs]	Soil and Groundwater
		40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications [PCA C]	On-Site	Metals and Inorganics and Organochloride Pesticides [OCs]	Soil and groundwater
APEC #2	The eastern limit of the Phase One Property	32. Iron and Steel Manufacturing and Processing [PCA D]	Off-Site	Metals and Inorganics, PHCS, BTEX and VOCs	Soil and Groundwater
		34. Metal Fabrication [PCA E]	Off-Site	Metals and Inorganics, PHCS, BTEX and VOCs	Soil and Groundwater

Based on the findings of the Phase One Environmental Site Assessment, SOIL-MAT ENGINEERS & CONSULTANTS LTD. find the potential of Site contamination to be considered **MEDIUM** and therefore recommend that additional investigations **ARE** required at this time.

To reduce SOIL-MAT ENGINEERS' degree of uncertainty associated with the identified PCAs, and associated APECs, further assessment activities are recommended.

Each potential environmental liability, and our rationale for further assessment activities, is provided in table format on the following page:

Area of Potential Environmental Concern	Environmental Liability	Recommendation	Rationale
APEC #1	30.: Importation of Fill Material of Unknown Quality. [PCA A]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The Contaminants of Potential Concern [COPCs] should include Metals, PHCs, and BTEX.	Assess the presence of fill material and determine the suitability of the material for use on the Phase One Property.
	Other. Incomplete Combustion of Organic Matter [PCA B]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The COPCs should include Metals, PHCs, BTEX, VOCs and PAHs.	Assess the potential adverse impacts to the soil and groundwater mediums as a result of the historical structural fire on the central portion of the Phase One Property.
	40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications [PCA C]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The COPCs should include Metals and Inorganics, and OCs.	Assess the potential of adverse impacts to the soil and groundwater mediums as a result of the former on-site commercial seed company [The Vaughan Seed Company].
APEC #2	32: Iron and Steel Manufacturing and Processing [PCA D]	Advance [3] Boreholes along the eastern limit of the Phase One Property. The COPCs should include Metals and Inorganics, PHCs, BTEX and VOCs	Assess the potential adverse impacts to the soil and groundwater mediums as a result of the former foundry operation on a nearby property to the east of the Phase One Property.
	34: Metal Fabrication [PCA E]	Advance [3] Boreholes along the eastern limit of the Phase One Property. The COPCs should include Metals and Inorganics, PHCs, BTEX and VOCs	Assess the potential of adverse impacts to the soil and groundwater mediums as a result of the off-site metal fabrication operation.

Although not considered an environmental liability to the Site, this Office should be contacted if a suspected groundwater well is encountered during future construction activities to make arrangements for the water well to be abandoned as per Ontario Regulation 903 – Water Wells.

2.0 INTRODUCTION

DEHAM CANADA INC. retained SOIL-MAT ENGINEERS & CONSULTANTS LTD. [SOIL-MAT ENGINEERS] to conduct a Phase One Environmental Site Assessment for the property recognised as '111 Victoria Street' in the City of Welland, Ontario. For the purpose of this Report, the lands subject to the specific Phase One research and reconnaissance are hereinafter referred to as the Phase One Property and/or the 'Site'.

2(a) PHASE ONE PROPERTY INFORMATION

The Phase One Property is comprised of the following parcel of land:

1. 111 Victoria Street, Welland, Ontario. The property identification number [PIN] is '64110-0038'. The registered owner of the Site is Deham Canada Inc.

At the time of this Report, the Site was comprised primarily of vacant, grass covered lands.

The Site was bounded to the north by Victoria Street, to the east by Hester Lane, to the south by residential lands, and to the west by residential lands.

For descriptive purposes, Victoria Street has been designated as having an east-west alignment.

The legal description of the Site is "Lts 150, 151, 152 & 153, PL 573; Welland".

The geographic coordinates of the Site, recorded using a hand held global positioning unit, are [NAD 83] 17T 643276E/ 4760735N.

A general Site location drawing and overview of the Phase One Study Area are included in Appendix 'A' for reference.

2(b) DESCRIPTION OF ADJACENT LAND USE

The adjacent properties are comprised of a mixture of residential, community, and commercial use lands.

A description of the adjacent properties, based on visual observations recorded from the Site, is presented in table format below:

	North	East	South	West
Adjoining Property/ Operation	Victoria Street	Hester Lane	Residential	Residential
Potential Hazardous Materials	None observed	None observed	None observed	None observed
Potential Storage Tanks	205 Bugar Street (1 UST), 220-224 Bugar Street (3 ASTs), 21 Haggar Street (1 UST)	123 Victoria Street (1 UST)	286 Lincoln Street (6 ASTs, 2 USTs)	None observed

	North	East	South	West
Direction with respect to the inferred ground water flow	Trans-gradient	Down-gradient	Trans-gradient	Up-gradient
General Vicinity	Residential / commercial [Welland plumbing, Jrs Service Centre, Welland Packaging and Assembling, Rustgod Auto Detailing and Car Wash, K-Line manufacturing]	Retail Commercial [DeVansco, Strip-mall/ Shopping centre]	Residential	Residential / commercial [Silver Creek Cabinetry, Niagara Peninsula Homes]

With respect to the Jr's Service Centre, Rustgod Auto Detailing and Car Wash, and K-Line Manufacturing properties listed above, given the location of the properties to the Site with respect to the inferred groundwater flow direction [trans-gradient] and the distance between these properties and the Site, the operations conducted on these properties are not considered PCAs likely to cause an APEC on the Phase One Property.

With the exception of the above, the visual observations of the adjoining lands did not reveal any other obvious PCAs on the subject properties.

3.0 SCOPE OF INVESTIGATION

The Phase One ESA follows the protocol outlined in *Ontario Regulation 153/04 [as amended]*, which suggests a four-step approach to Phase One Environmental Site Assessments, including the following;

1. RECORDS REVIEW: including aerial photographs, property use records, title search, previous Phase One ESA reports, regulatory agency documentation, company records, Site specific geotechnical reports and any other relevant material;
2. SITE VISITATION: including a visual reconnaissance of the Site, suspect adjacent properties, and the different land uses within the vicinity of the Site;
3. INTERVIEWS: including persons that may have pertinent information with regard to the Site, including contacts from the City of Welland, Ministry of Environment, Conservation and Parks [MOE], and current / previous land owners, etc.;
4. EVALUATIONS: Based on the information gathered, a professional evaluation of the property is presented in a final Phase One ESA Report.

Ontario Regulation 153/04 [as amended] lists fifty-nine [59] potentially contaminating activities that require intrusive assessment activities, i.e. a Phase Two ESA, to determine if an adverse environmental impact is present on the Site if a PCA is found to have occurred on the Phase One Property. In some circumstances a Phase Two ESA may be required if a PCA has occurred on a neighbouring or nearby property within the Phase One Study Area if deemed necessary by the Qualified Person [QP] overseeing the Phase One ESA. However, it is noted that under *Ontario Regulation 153/04 [as amended]* the mandatory Phase Two ESA activities apply only to properties that are subject to a Record of Site Condition. It is our understanding that this Phase One ESA report is required as a supporting document for the submission of an RSC for the Site.

4.0 RECORDS REVIEW

4(a)i PHASE ONE ESA STUDY AREA DETERMINATION

The Phase One Study Area consists of the lands generally in a 250-metre radius from the limits of the Phase One Property. These lands are comprised primarily of a mixture of residential and commercial use lands.

The research undertaken during this Phase One ESA revealed information that suggests there are PCAs on both the Phase One Property and on nearby properties that are considered likely to cause an APEC on the Phase One property.

Additional information, specific to the nature of the land use of the properties of interest in the Phase One Study Area, if any, is presented in Section 2.4 and 3.4 of this Report.

4(a)ii FIRST DEVELOPED USE DETERMINATION

Based on the available information compiled during the completion of this Report, including City directories, aerial photographs, topographic and fire plans, etc., the first developed use of the Site was circa 1909 as commercial use lands.

4(a)iii FIRE INSURANCE PLANS

The Underwriter's Survey Bureau Limited Fire Insurance Plans were reviewed for the purpose of identifying structures, building materials and/ or underground storage tanks that may have been present on/ or near the Site.

A summary of SOIL-MAT ENGINEERS' findings is present below:

Date of Plan	Findings
1944	A dry-cleaner is illustrated at 23 Hagar Street, which is located approximately 160 metres north-northwest from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [trans-gradient], the dry-cleaner operation is not considered a PCA likely to cause an APEC on the Phase One Property.
1944	An underground fuel storage tank (UST) is illustrated on 123 Victoria Street, which is located approximately 20 metres east from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [down-gradient], the presence of this UST is not considered a PCA likely to cause an APEC on the Phase One Property.
1944	An automotive repair facility is illustrated at 110 Victoria Street, which is located approximately 130 metres east from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [down-gradient], the automotive repair facility is not considered a PCA likely to cause an APEC on the Phase One Property.
1944	An aboveground storage tank [AST], associated with an automotive repair facility, is illustrated at 62-64 Victoria Street, which is located approximately 30 metres north from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [trans-gradient], the presence of the AST and automotive repair facility are not considered a PCA likely to cause an APEC on the Phase One Property.

Date of Plan	Findings
1965	An UST is illustrated at 205 Bugar Street, which is located approximately 140 metres north-northwest from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [trans-gradient], the presence of this UST is not considered a PCA likely to cause an APEC on the Phase One Property.
1965	Three [3] ASTs are illustrated at 220-224 Bugar Street, which is located approximately 80 metres north from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [trans-gradient], the presence of these ASTs are not considered a PCA likely to cause an APEC on the Phase One Property.
1965	An UST is illustrated at an automotive repair facility at 21 Hagar Street, which is located approximately 170 metres north from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred ground water flow direction [trans-gradient], the presence of this UST and automotive repair facility is not considered a PCA likely to cause an APEC on the Phase One Property.
1965	Six [6] ASTs and two [2] USTs are illustrated at 286 Lincoln Street, which is located approximately 130 metres south-southeast from the Site. Given the distance between this property and the Site and the location of the property to the Site with respect to the inferred groundwater flow direction [trans-gradient], the presence of the ASTs and USTs are not considered a PCA likely to cause an APEC on the Phase One Property.

4(a)iv CHAIN OF TITLE

A representative of SOIL-MAT ENGINEERS undertook a title search of the Site on the Ontario Land Registry Website [<https://www.onland.ca/ui/>].

The title search of the Site did not reveal any past owners of the Site that may suggest there is a potential environmental liability on the Site.

The Site was owned by Deham Canada Inc. at the time of the title search.

The chain of previous ownership is presented below:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
2022 to present	Deham Canada Inc.	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> A topographic map from 2022 illustrates the Phase One Property as developed land.
2009 to 2022	1597037 Ontario Inc.	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> Arial photographs from 2010 and 2018 illustrate the Phase One Property as a vacant lot.
2008 to 2009	Kevin Gayadeen & Henry Virasmi	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
2006 to 2008	Joanne Koudys	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
2002 to 2006	Susan Fieldman	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
2001 to 2002	Evelyn Pilsmaker	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1998 to 2001	Peter Typer	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> An arial photograph from 2000 illustrates a structure and a detached garage on the Phase One Property.
1987 to 1998	Jennie Roberto	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1909 to 1987	Marshall Vaughan	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> Fire insurance plans from 1916 and 1944 illustrate a structure and a detached garage on the northern portion of the Phase One Property. A Topographic map from 1907 illustrates the Site as vacant land. Topographic maps from 1923, 1929, 1964 and 1973 illustrate a building on the Site. Arial photographs from 1921, 1934, 1948, 1955, 1968, and 1971 illustrate the Site as developed land with a structure on the Phase One Property.
1906 to 1909	O. H. Garner	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1870 to 1906	Alexander Asher	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1859 to 1870	William Lowell	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1854 to 1859	Duncan McFarland	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1836 to 1854	John Donaldion & Duncan McFarland	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1819 to 1836	Mary Ann Mettis	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1809 to 1819	William Dickins	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1806 to 1809	Roland Hamilton	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1796 to 1806	Thomas Welch	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
Up to 1796	Crown	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.

A copy of the title search is included in Appendix 'B' for reference.

4(a)v ENVIRONMENTAL REPORTS

SOIL-MAT ENGINEERS contacted the City of Welland to request a copy of previous environmental reports for the Site that may be on file with the City. However, a response was not received from the Planning and Development Services department or the City prior to the completion of this Report.

In addition, a search of the MOE's *Brownfields Environmental Site Registry* did not reveal a previous Phase One ESA that may have been undertaken on the Site.

Our e-mail correspondence with the City is included in Appendix 'C' of this Report for reference.

4(a)VI HISTORICAL SITE USE AND CONDITIONS/PAST LAND USES

The Vernon's City Directory series were reviewed dating back to 1913 [the earliest available year that the Phase One Property and Phase One Study Area is listed] to establish the general historical land use on and in the immediate vicinity of the Site. Of note, the 2013 directory is the most recent readily available directory for the Site and surrounding area.

A summary of SOIL-MAT ENGINEERS' findings for the Site is provided below in table format:

Location	Property	Occupant	Years Occupied
111 Victoria Street	Commercial	The Vaughan Seed Company	80+ Year[s] [1909 - 2008]
		Herbert Containers and Packing Supplies	6+ year[s] [2004 - 2010]

The directories list the 'Vaughan Seed Company' as a past occupant of the Site. The presence of a horticultural supply company is considered a PCA that is likely to cause an APEC on the Site.

A summary of the historical occupants of interest on the adjoining and/or nearby properties is listed in table format below:

Location	Property	Occupant	Years Occupied
123 Victoria Street: Located ~20 metres East of the Site [Down-gradient]	Industrial	Welland Machine & Foundry Ltd.	18+ year[s] [1913 - 1931]
		Welland Steel Castings Ltd	4+ year[s] [1931 - 1935]
		Welland Electric Steel Foundry	20+ Year[s] [1935 - 1954 only years listed]
		General Fabrication and Equipment Manufacturing [formerly General Fabrication and Maintenance]	13+ years [2010 - present]
249 Bugar Street: Located ~170 metres north of the Site [Trans-gradient]	Commercial	Welland New Method Laundry	27+ Year[s] [1931 - 1958 only years listed]
181 Bugar Street: Located 200 metres north of the Site [Trans-gradient]	Commercial	Bugar Street Laundromat and Drycleaners	20+ Year[s] [1980 - 2000 only years listed]
23 Hagar Street: Located ~160 metres north of the Site [Trans-gradient]	Commercial	P & G Drycleaner	8+ Year[s] [1950 - 1958 only years listed]
		Welland Starter and Alternator	1+ Year[s] [2000 only year listed]
25 Hagar Street: Located ~160 metres north of the Site [Trans-gradient]	Commercial	Welland Break Service and General Repairs	28+ Year[s] [1971 - 1999]
		Rays Auto Repair Ltd.	1+ Year[s] [1980 Only year listed]
		J.R's Service Centre	39+ Year[s] [1984 - Present]

Location	Property	Occupant	Years Occupied
43 Hagar Street: Located ~170 metres north of the Site [Trans-gradient]	Commercial	Welland Packaging and Assembling	10+ Year[s] [1995-2005]
130 Hagar Street: Located ~230 metres north of the Site [Trans-gradient]	Industrial	Canada Forgings Inc.	10+ Year[s] [1990-2000]
129 Hagar Street: Located ~118 metres east of the Site [Down-gradient]	Industrial/ Commercial	Niagara Metal Industries	5+ Year[s] [1990-1996]
		Raycon Tool and Die Welding Ltd.	7+ Year[s] [1987-1995]
		Rent-a-Buy Auto Repair	10+ Year[s] [1985-1996]
		Jerrys Custom Autobody	5+ Year[s] [1985-1990]
		Marr W.D Industries	4+ Year[s] [1992-1996]
		Mitech Plastics Corp.	1+ Year[s] [1995 only year listed]
		Chris' Garage	1+ Year[s] [1995 only year listed]
		Bird Autobody	1+ Year[s] [1995 only year listed]
		H & M Castings	9+ Year[s] [1991-2000]
		Great Lakes Coating Products Inc.	24+ Years [1999-Present]
		K-Line Manufacturing	22+ Year[s] [2001-present]
		Dom Source Inc.	18+ Year[s] [2005 - Present]
		Indiana Supple Co.	7+ Year[s] [2002 - 2009]
		Primeway Companies Ltd.	7+ Years [2005 - 2012]
		CGR Autos	3+ Year[s] [2010 - 2013]
280 Lincoln Street: Located ~130 metres south of the Site [Trans-Gradient]	Industrial	Ward Ironworks	14+ Year[s] [1971 - 1985]
286 Lincoln Street: Located ~120 metres south of the Site [Trans-Gradient]	Commercial	BP Oil Ltd.	4+ Year[s] [1971 - 1975 only years listed]
300 Lincoln Street: Located ~140 metres east of the Site [Down-Gradient]	Commercial	Shell Gas Bar	10+ Year[s] [1980 - 1991]
		Colonial Cleaners	15+ Year[s] [1986 - 2001]

4(b) ENVIRONMENTAL SOURCE INFORMATION

1. National Pollutant Release Inventory: No records were found for the Site or properties located within the Phase One Study Area.
2. A review of the Ministry of Environment and Energy's "Ontario Inventory of PCB Storage Sites", October, 1991: No records were found for the Site or properties located within the Phase One Study Area. It is noted that although the inventory is considered a comprehensive document, not all of the storage sites are listed in the inventory.
3. Environmental Compliance Approvals, Permit to Take Water, Certificate of Property Use: No records were found for the Site. In addition, three [3] Environmental Compliance Approval records were found for properties located within an approximate radius of 250 metres from the Phase One Property. However, as in each case the Environmental Compliance Approvals were issued in connection with air emissions. As such, these records are not considered a significant environmental concern to the Site.
4. Coal Gasification Plants: No records were found for the Site or properties located within the Phase One Study Area.
5. Records Concerning Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections Maintained by the MOE: The MOE was contacted to determine if any spills have been reported in the area of the Site, if any buried tanks are recorded to be on-site, or if there are any orders and/or notices on file outstanding against the Owner of the Site. The results of the Ministry Search confirmed there were no records found within their database.

SOIL-MAT ENGINEERS' MOE database search results are attached in Appendix 'D' for reference.

6. Waste Management Records: No records were found for the Site or adjacent properties.
7. Reports Submitted to the MOE: The MOE was contacted to gather information with regard to the Site. SOIL-MAT ENGINEERS had not received the pertinent information from the MOE at the time of this Report. However, the results will be sent under a separate cover as soon as they are received in this Office.
8. Retail Fuel Storage Tanks: SOIL-MAT ENGINEERS contacted the T.S.S.A. to undertake a search of the Site and neighbouring properties for the registered presence of any underground storage tanks. The T.S.S.A does not have records on file of any underground storage tanks located on the Site or on neighbouring properties.

SOIL-MAT ENGINEERS' correspondence with the T.S.S.A. is included in Appendix 'E' for reference.

9. Notices and Instruments Posted to the MOE Registry: No records were found for the Site. However, two [2] notices and instruments records were found for

properties located within an approximate radius of 250 metres from the Phase One Property. However, in each case, the records were associated with air emissions. As such, the records are not considered a significant environmental concern to the Site at this time.

10. Identification of Areas of Natural Significance [Ministry of Natural Resources]: No records were found for area(s) of natural significance on the Site or adjacent properties.
11. Landfill Information Maintained by the MOE: A review of the Ministry of Environment and Energy's "Waste Disposal Site Inventory", June 1991, did not reveal any active landfill sites within a 2km radius of the Site. However, a record for two [2] inactive landfill sites were available.

A list of the landfill properties is provided on the following page for reference.

MOE Site No.	Municipality	Location	Date Closed	Class	Distance to Site
0056	Welland	Atlas Steels	Unknown	B2	0.32km SE
0057	Welland	Stelco	1972	B2	0.32km SE

With respect to the inactive waste disposal sites, class 'B2' sites are registered to receive industrial liquid and hazardous wastes and are located in a rural setting. In the case of the class 'B2' waste disposal site listed above, given the location of the properties to the Site with respect to the inferred groundwater flow direction [trans-gradient] and the distance between the properties and the Site an adverse environmental impact to the Site from the properties is considered remote.

It is noted that although the waste disposal site inventory is considered a comprehensive document not all of the inactive landfill sites are listed in the inventory.

In addition, no Municipal Coal Gasification Plants or Coal Tar Distillation Plants were in operation in the area.

12. EcoLog ERIS Database Search: A review of historical records and regulatory agency databases was completed for the Site and lands located within 250 metres from the boundaries of the Phase One Property. The report includes information from the following sources:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Borehole
- Certificates of Approval
- Environmental Registry
- ERIS Historical Searches
- Fuel Storage Tanks
- Ontario Regulation 347 Waste Generators Summary
- Private and Retail Fuel Storage Tanks
- Record of Site Conditions
- Ontario Spills
- Water Well Information Systems

The EcoLog ERIS database search report revealed limited PCAs on nearby properties. However, given the location of these properties to the Site with respect to the inferred groundwater flow direction and distance between these properties and the Site, an adverse environmental impact to the Site is considered remote.

A copy of the EcoLog ERIS Report is included in Appendix 'F' for reference.

4(c) PHYSICAL SETTING SOURCES

1. Aerial Photographs: Aerial photographs from 1921, 1934, 1948, 1955, 1968, 1971, 2000, 2010, and 2018 were available for the Site and surrounding lands and were reviewed by SOIL-MAT ENGINEERS.

A summary of information obtained from the photographs is presented below:

Aerial Photo Year [Scale]	Site Description	Description of Adjacent Lands
1921 [1:2,200]	The Site is comprised of developed commercial lands.	The surrounding lands are comprised of a mixture of vacant undeveloped lands to the south and west, residential lands to the north, and commercial lands to the east and northeast.
1934 [1:2,300]	There are no significant changes to the Site.	With the exception of some residential development to the east along Bugar Street there are no significant changes to the surrounding lands.
1948 [1:2,200]	With the exception of an addition to the northeastern portion of the building, there are no significant changes to the Site.	There is significant residential development to the northeast, east and southeast of the site along Bugar Street, Victoria Street and University Lane.
1955 [1: 2,300]	There are no significant changes to the Site.	With the exception of some commercial development to the east and northeast, there are no significant changes to the surrounding lands.
1968 [1:2,400]	There are no significant changes to the Site.	There are no significant changes to the surrounding lands.
1971 [1: 2,300]	There are no significant changes to the Site.	There are no significant changes to the surrounding lands.
2000 [1:2,500]	There are no significant changes to the Site.	There are no significant changes to the surrounding lands.
2010 [1:2,500]	With the exception of the demolition of the former building, there are no significant changes to the Site.	There are no significant changes to the surrounding lands.
2018 [1:2,500]	There are no significant changes to the Site.	There are no significant changes to the surrounding lands.

The information extrapolated from the available aerial photographs revealed a structure was formerly located on the central and northeast portion of the Phase One Property. Historically, it was a common practise to demolish buildings and utilise the remaining construction debris and various fill materials to backfill the basement level of the structures, if present.

With the exception of the above, the review of the noted aerial photographs did not reveal any information that would suggest there is a potential environmental liability on the Site.

The aerial photographs are included in Appendix 'G' for reference.

2. Topography, Hydrology, Geology: Readily available topographic maps for the Site and Phase One Study Area were reviewed as part of this Phase One ESA and revealed the following information:

Map Year [Scale]	Site Description	Description of Surrounding Lands
1907 [1:63,360]	The Site is illustrated as vacant, undeveloped land.	The Phase One Study Area is comprised primarily of undeveloped and agricultural lands, with some development to the northwest.
1923 [1:63,360]	The Site is illustrated as vacant, undeveloped land. However, the Phase One research suggests the Site was developed circa 1909.	The Phase One Study Area is comprised primarily of undeveloped and agricultural lands, with some development to the northwest.
1929 [1:63,360]	The Site is illustrated as vacant, undeveloped land. However, the Phase One research suggests the Site was developed circa 1909.	The Phase One Study Area is comprised primarily of undeveloped and agricultural lands, with some development to the west and northwest.
1938 [1:63,360]	There is one building illustrated on the Site.	The Phase One Study Area is comprised primarily of developed lands.
1964 [1:25,000]	There is one building illustrated on the Site.	The Phase One Study Area is comprised primarily of developed lands.
1973 [1:25,000]	There is one building illustrated on the Site.	The Phase One Study Area is comprised primarily of developed lands.
2022 [1:10,000]	The site is illustrated as developed land.	The Phase One Study Area is comprised primarily of developed lands.

The review of the topographic maps did not reveal any PCAs that are considered likely to cause an APEC on the Site.

A copy of the topographic maps is included in Appendix 'H' for reference.

In addition, a review of the Ministry of Northern Development and Mine's "Quaternary Geology of the Niagara-Welland Area, Southern Ontario Sheet Map 2496" and the "Paleozoic Geology of the Niagara Area, Southern Ontario Sheet Map 2344", revealed the Site to be underlain by glaciolacustrine deeper water clay and silt, in turn, underlain by Silurian Salina Formation argillaceous dolostone, evaporates bedrock. The depth to the groundwater table is anticipated to be approximately 2.3 metres below the ground surface elevation based on information ferreted out from groundwater well records for water wells located within the Phase One Study Area.

The project area is relatively flat and level with surface water being directed primarily to the northwest towards a drainage ditch along Victoria Street.

Regional groundwater flow is expected to the east towards the Welland Canal.

3. Fill Materials: Although the reconnaissance of the Site did not reveal any obvious visual evidence of significant fill material on the Site, information extrapolated from available aerial photographs suggest a structure was formerly located on the central and northeastern portion of the Phase One Property. Historically, it was a common practise to demolish buildings and utilise the remaining construction debris and various fill materials to backfill the basement level of the structures, if present.
4. Water Bodies and Areas of Natural Significance: Surface water was not encountered on the Phase One Property or within the Phase One Study Area. In addition, no areas of natural significance were identified on the Phase One Property or within the Phase One Study Area.
5. Well Records: The reconnaissance of the Site did not reveal any obvious visual evidence of a suspected groundwater well or cistern.

A review of the MOE's water well records revealed five [5] monitoring wells within the Phase One Study Area. The groundwater monitoring wells are reportedly located between 130 and 240 metres from the Site and reportedly terminate between 4.3 to 30 metres beneath the ground surface.

4(d) SITE OPERATING RECORDS

1. Title of the Information Sheet or Document: Not Applicable
2. Description of Data, Analysis or Findings as the Information Sheet or Document relates to the Phase One Property: Not Applicable

5.0 INTERVIEWS

No Site personnel were available to be interviewed prior to the completion of this Report; primarily as the Site was comprised of vacant undeveloped land.

6.0 SITE RECONNAISSANCE

6.0 (a) GENERAL REQUIREMENTS:

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Date and Time of the Reconnaissance	April 13, 2023 [8:30 am – 9:30 am]
Weather Conditions	The weather conditions did not limit the visual observations of the Site.
Duration of Site Visit	~1 hour
Enhanced Investigation Property	The Site is not considered an Enhanced Investigation property
Field Representative	Ms. Shaalin Dlaymi [qualifications included in the appendix]

6.0(b) SPECIFIC OBSERVATIONS AT PHASE ONE ESA PROPERTY

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Description of Structures and Other Improvements	No structures observed on the Phase One Property.
Description of the Number, Age and Depth of Below-Ground Structures	None observed
Details of all tanks (aboveground and underground)	None observed. In addition, the research did not reveal any evidence of past tanks.
Details of any potable and non-potable water sources	None identified. However, the surrounding area is serviced with a municipal water supply.
Buried Utilities	None identified. However, the surrounding areas are serviced with hydro, natural gas, water/sewer/storm sewer services, etc. The depth of these service trenches is not anticipated to affect contaminant distribution on the Site.
Existing Buildings: Exit/Entry Points	None observed
Existing Buildings: Cooling / Heating System	None observed
Existing Buildings: Drains, Pits, Sumps, etc.	None observed
Existing Buildings: Details of any unidentified substances	None observed
Existing Buildings: Details of Stains, Corrosion on Floors other than from Water	None observed
Details of Former and Current Wells	None observed
Details of Sewage Works	A municipal sanitary sewer service is available in the immediate vicinity of the Site.
Details of Ground Surface Cover	Primarily grass covered land.
Details of Former or Current Railway Lines	A railway line was observed approximately 90 metres east of the Site.
Details of Stained Soil, Damaged Vegetation or Pavement	None observed
Details of Stressed Vegetation	None observed
Areas Where Fill and Debris Materials Appear to be Present	None observed

Reporting Requirements	SOIL-MAT ENGINEERS' Details
PCAs	<p>PCA No.: 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.</p> <p>PCA No.: 30 - Importation of Fill Material of Unknown Quality.</p> <p>PCA No.: Other - Incomplete Combustion of Organic Matter.</p>

1. Enhanced Investigation Property

Reporting Requirements	SOIL-MAT ENGINEERS' Details
Details of the Operations at the Site	Not Applicable
Hazardous Materials Used/Stored on the Site	Not Applicable
Products Manufactured on the Site	Not Applicable
By-Products and Wastes at the Site	Not Applicable
Raw Materials, including the Handling and Storage	Not Applicable
Details of Drums, Totes, Bins	Not Applicable
Details of Oil/Water Separators	Not Applicable
Details of Vehicle and Equipment Maintenance Areas	Not Applicable
Details of Known Spills	Not Applicable
Details of Liquid Discharge Points	Not Applicable
Details of Operations at the Site [processing or manufacturing and equipment used]	Not Applicable
Details of Hydraulic Lift Equipment	Not Applicable

6.0 (c) WRITTEN DESCRIPTION OF INVESTIGATION

The information gathered during the completion of this Phase One ESA report revealed that the Site was first developed circa 1909 as commercial lands. The first readily available visual aid for the Site is a topographic map from 1907 which illustrates the Site as undeveloped lands. Other visual aids, including aerial photographs from 1921, 1934, 1948, 1955, 1968, 1971, 2000, 2010 and 2018 and topographic maps from 1907, 1923, 1929, 1938, 1964, 1973, and 2022 confirm the development timeline above. The neighbouring and nearby lands to the Site are comprised of a mixture of residential and commercial lands.

The Phase One ESA research revealed three [3] potentially contaminating activities on the Phase One Property, including the following:

- Information extrapolated from existing fire insurance plans and available Title [ownership] searches revealed that a seed company [The Vaughan Seed Company] operated on the Phase One Property from circa 1909 to 2008;
- Our Phase One ESA research revealed a building, located on the central and northeast portion of the Phase One Property, was destroyed during a fire, and;
- Information extrapolated from available aerial photographs, topographic maps and fire insurance plans revealed a building was formerly located on the central and northeast portion of the Phase One Property.

The lands in the general vicinity of the Phase One Property are comprised of a mixture of commercial and residential use lands. The Phase One ESA research revealed two [2] historical PCAs on lands in the Phase One Study Area that are considered a PCAs likely to cause an area of potential environmental concern on the Phase One Property, including the following:

- A foundry formerly maintained operations on a nearby property located approximately 40 metres east from the Site. Specifically, the nearby property was occupied by Welland Machine & Foundry Ltd., from circa 1913 to 1931, Welland Steel Castings Ltd, from circa 1931 to 1935, and Welland Electric Steel foundry from circa 1935 to 1954, and;
- A metal fabrication facility is located approximately 40 metres east of the Phase One Property. Specifically, the nearby property was occupied by Ward Iron Works, from circa 1971 to 2005, and General Fabrication and Equipment Manufacturing from circa 2010 to time of this Report.

7.0 REVIEW AND EVALUATION OF INFORMATION

- (i) Current and Past Uses: SOIL-MAT ENGINEERS' Table of Current and Past Uses is included in Appendix 'I' of this Report.

- (ii) Potential Contaminating Activity: Three [3] PCAs were identified on the Site and two [2] PCAs were identified in the Phase One Study Area that are considered likely to cause an APEC on the Site, including:

PCA No.: 30 – Importation of Fill Material of Unknown Quality [in connection with the former structure that was demolished on the Phase One Property];

PCA No.: 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications. A seed company was formerly operating on Site [in connection with the former horticultural operations that were conducted on the Site, by The Vaughan Seed Company, circa 1913 to 2008];

PCA No.: Other – Incomplete Combustion of Organic Matter [in connection with a fire that destroyed a former building on the Phase One Property];

PCA No.: 32 – Iron and Steel Manufacturing and Processing [in connection with a former foundry property located approximately 40 metres east from the Site], and;

PCA No.: 34 – Metal Fabrication [in connection with a metal fabrication operation located approximately 40 metres east from the Site].

- (iii) Areas of Potential Environmental Concern: SOIL-MAT ENGINEERS' APEC table is presented on the following page:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Locations of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #1	The centre of the Phase One Property	30. Importation of Fill Material of Unknown Quality	On-Site	Metals, PHCs and BTEX	Soil
		40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals and Inorganics, OCs	Soil and groundwater
		Other. Incomplete Combustion of Organic Matter	On-Site	Metals, PHCs, BTEX, VOCs and PAHs	Soil
APEC #2	The eastern property line	32. Iron and Steel Manufacturing and Processing	Off-Site	Metals and Inorganics. PHCs, BTEX and VOCs	Soil and groundwater
		34. Metal Fabrication	Off-Site	Metals and Inorganics, PHCs, BTEX and VOCs	Soil and groundwater

(iv) Phase One Conceptual Site Model: SOIL-MAT ENGINEERS' Phase One CSM is included in Appendix 'J' for reference.

8.0 CONCLUSIONS

The Phase One Environmental Site Assessment [ESA] conducted for this property consisted of a historical records review, interviews and a reconnaissance of the Phase One Property. Of note, the research and reporting were conducted in accordance with Ontario Regulation 153/04 [as amended] in order to support the future filing of a Record of Site Condition [RSC] for the Phase One Property.

At the time of this Report, the Phase One Property was comprised of a roughly rectangular shaped parcel of vacant land located on the corner of Victoria Street and Hester Lane in the city of Welland, Ontario. Specifically, the Phase One Property was observed to be relatively flat and mainly comprised of grass covered areas. In addition, remnants of a former building foundation were observed on the central portion of the Phase One Property, and a gravel covered driveway was observed on the southeastern portion of the Phase One Property.

The Phase One ESA research revealed three [3] potentially contaminating activities [PCAs] on the Phase One Property, including the following:

- Information extrapolated from existing fire insurance plans and available Title [ownership] searches revealed that a seed company [The Vaughan Seed Company] operated on the Phase One Property from circa 1909 to 2008;
- Our Phase One ESA research revealed a building, located on the central and northeast portion of the Phase One Property, was destroyed during a fire, and;
- Information extrapolated from available aerial photographs, topographic maps and fire insurance plans revealed a building was formerly located on the central and northeast portion of the Phase One Property.

The lands in the general vicinity of the Phase One Property are comprised of a mixture of commercial and residential use lands. The Phase One ESA research revealed two [2] historical PCAs on lands in the Phase One Study Area that are considered a PCAs likely to cause an area of potential environmental concern [APEC] on the Phase One Property, including the following:

- A foundry formerly maintained operations on a nearby property located approximately 40 metres east from the Site. Specifically, the nearby property was occupied by Welland Machine & Foundry Ltd., from circa 1913 to 1931, Welland Steel Castings Ltd, from circa 1931 to 1935, and Welland Electric Steel foundry from circa 1935 to 1954, and;
- A metal fabrication facility is located approximately 40 metres east of the Phase One Property. Specifically, the nearby property was occupied by Ward Iron Works, from circa 1971 to 2005, and General Fabrication and Equipment Manufacturing from circa 2010 to time of this Report.

The specific PCA numbers, and associated APECs, associated with the identified potential environmental concerns include the following:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Locations of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #1	In the immediate vicinity of the former structure on the Phase One Property.	30. Importation of Fill Material of Unknown Quality [PCA A]	On-Site	Metals, Petroleum Hydrocarbons [PHCs], and Benzene, Toluene, Ethylbenzene and Xylenes [BTEX]	Soil
		Other. Incomplete Combustion of Organic Matter [PCA B]	On-Site	Metals, PHCs, BTEX, Volatile Organic Compounds [VOCs] and Polycyclic Aromatic Hydrocarbons [PAHs]	Soil and Groundwater
		40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications [PCA C]	On-Site	Metals and Inorganics and Organochloride Pesticides [OCs]	Soil and groundwater
APEC #2	The eastern limit of the Phase One Property	32. Iron and Steel Manufacturing and Processing [PCA D]	Off-Site	Metals and Inorganics, PHCS, BTEX and VOCs	Soil and Groundwater
		34. Metal Fabrication [PCA E]	Off-Site	Metals and Inorganics, PHCS, BTEX and VOCs	Soil and Groundwater

Based on the findings of the Phase One Environmental Site Assessment, SOIL-MAT ENGINEERS & CONSULTANTS LTD. find the potential of Site contamination to be considered **MEDIUM** and therefore recommend that additional investigations **ARE** required at this time.

To reduce SOIL-MAT ENGINEERS' degree of uncertainty associated with the identified PCAs, and associated APECs, further assessment activities are recommended.

Each potential environmental liability, and our rationale for further assessment activities, is provided in table format below:

Area of Potential Environmental Concern	Environmental Liability	Recommendation	Rationale
APEC #1	30.: Importation of Fill Material of Unknown Quality. [PCA A]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The Contaminants of Potential Concern [COPCs] should include Metals, PHCs, and BTEX.	Assess the presence of fill material and determine the suitability of the material for use on the Phase One Property.
	Other. Incomplete Combustion of Organic Matter [PCA B]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The COPCs should include Metals, PHCs, BTEX, VOCs and PAHs.	Assess the potential adverse impacts to the soil and groundwater mediums as a result of the historical structural fire on the central portion of the Phase One Property.
	40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications [PCA C]	Advance two [2] to three [3] boreholes in the immediate vicinity of the former structure on the central and northeast portion of the Phase One Property. The COPCs should include Metals and Inorganics, and OCs.	Assess the potential of adverse impacts to the soil and groundwater mediums as a result of the former on-site commercial seed company [The Vaughan Seed Company].
APEC #2	32: Iron and Steel Manufacturing and Processing [PCA D]	Advance [3] Boreholes along the eastern limit of the Phase One Property. The COPCs should include Metals and Inorganics, PHCs, BTEX and VOCs	Assess the potential adverse impacts to the soil and groundwater mediums as a result of the former foundry operation on a nearby property to the east of the Phase One Property.
	34: Metal Fabrication [PCA E]	Advance [3] Boreholes along the eastern limit of the Phase One Property. The COPCs should include Metals and Inorganics, PHCs, BTEX and VOCs	Assess the potential of adverse impacts to the soil and groundwater mediums as a result of the off-site metal fabrication operation.

Although not considered an environmental liability to the Site, this Office should be contacted if a suspected groundwater well is encountered during future construction activities to make arrangements for the water well to be abandoned as per Ontario Regulation 903 – Water Wells.

9.0 REPORT LIMITATIONS

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

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

This report was prepared to assess and document evidence of potential environmental contamination, and not to judge the acceptability of the risks associated with such environmental contamination. Much of the information gathered for this report is only accurate at the time of collection and a change in the Site conditions may alter the interpretation of SOIL-MAT ENGINEERS' findings. Furthermore, the reader should note

that the Site reconnaissance described in this report was an environmental assessment of the Site, not a regulatory compliance or an environmental audit of the Site.

SOIL-MAT ENGINEERS & CONSULTANTS LTD. prepared this Report for the account of DEHAM CANADA INC. The material in it reflects SOIL-MAT ENGINEERS' best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. SOIL-MAT ENGINEERS accepts no responsibility for damages, if any suffered by any third party as a result of decisions made or actions based on this report.

We trust that this Phase One Environmental Site Assessment is satisfactory for your purposes. Please feel free to contact the undersigned if you have any questions.

Sincerely,
SOIL-MAT ENGINEERS & CONSULTANTS LTD.



Peter Markesic, B.Sc.
Project Manager



Keith Gleadall, B.A., EA Dipl.
Environmental Manager



Stephen R. Sears, B. Eng. Mgmt., P. Eng., QP_{ESA}
Review Engineer

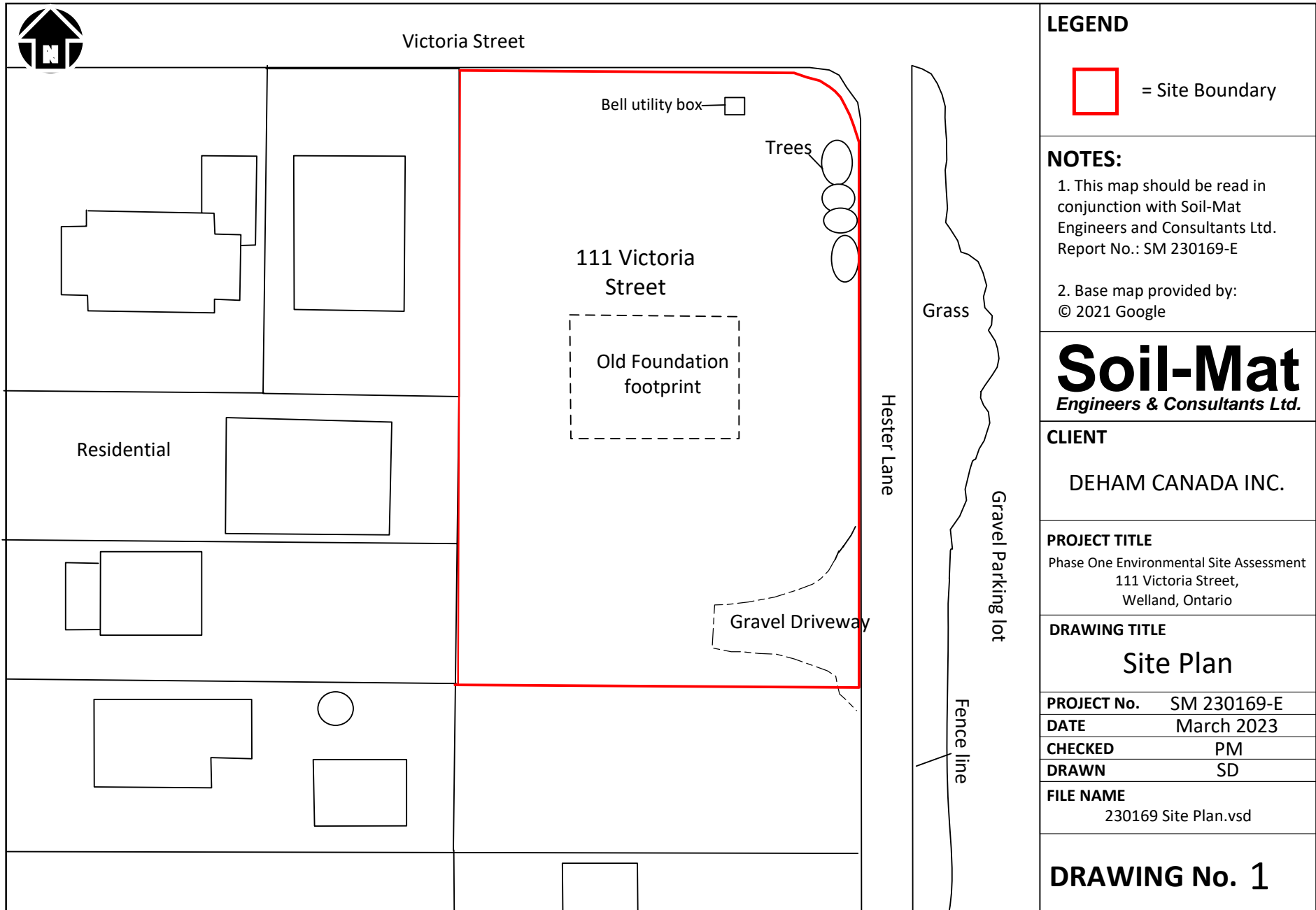


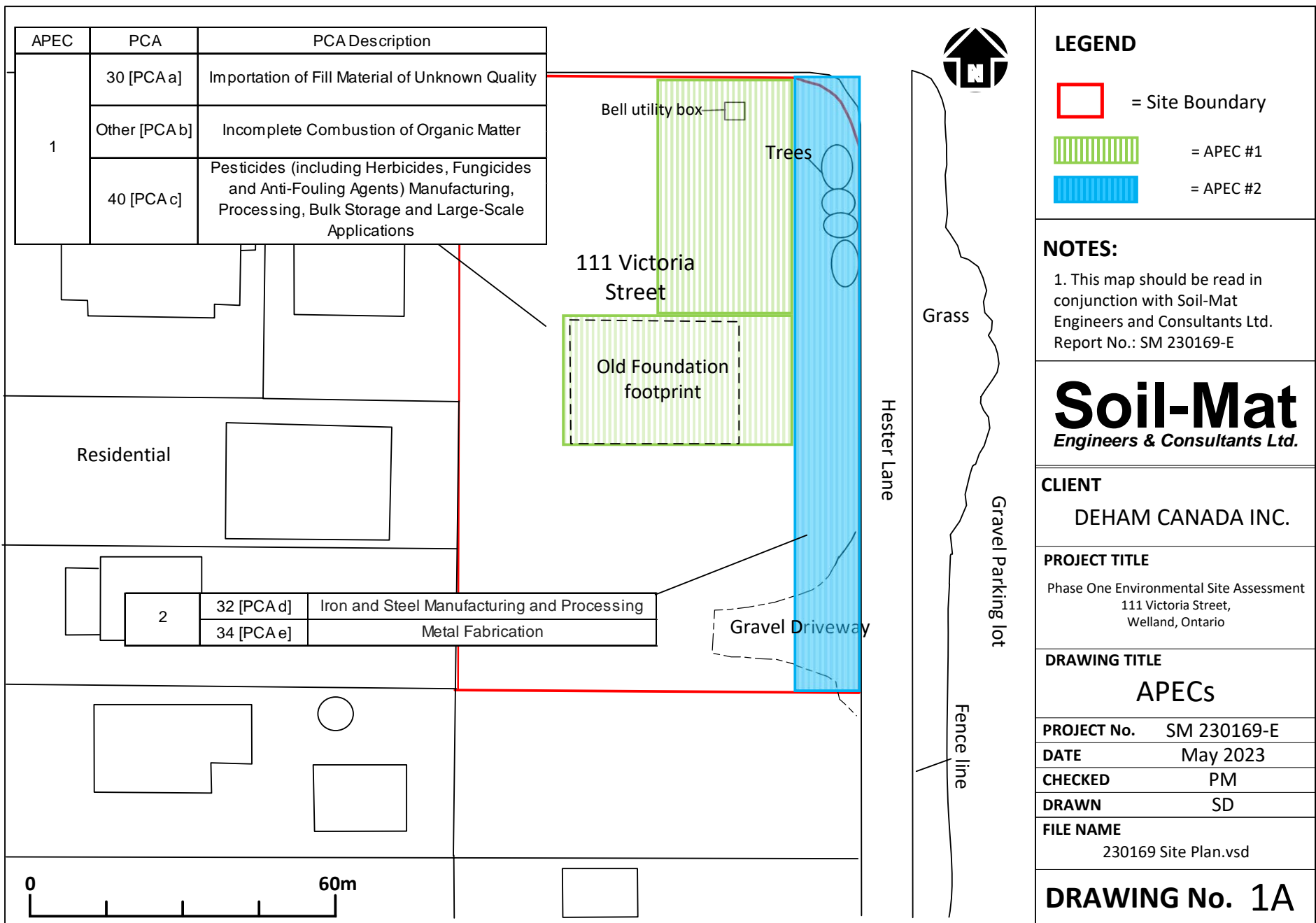
Distribution: Deham Canada Inc. [1]

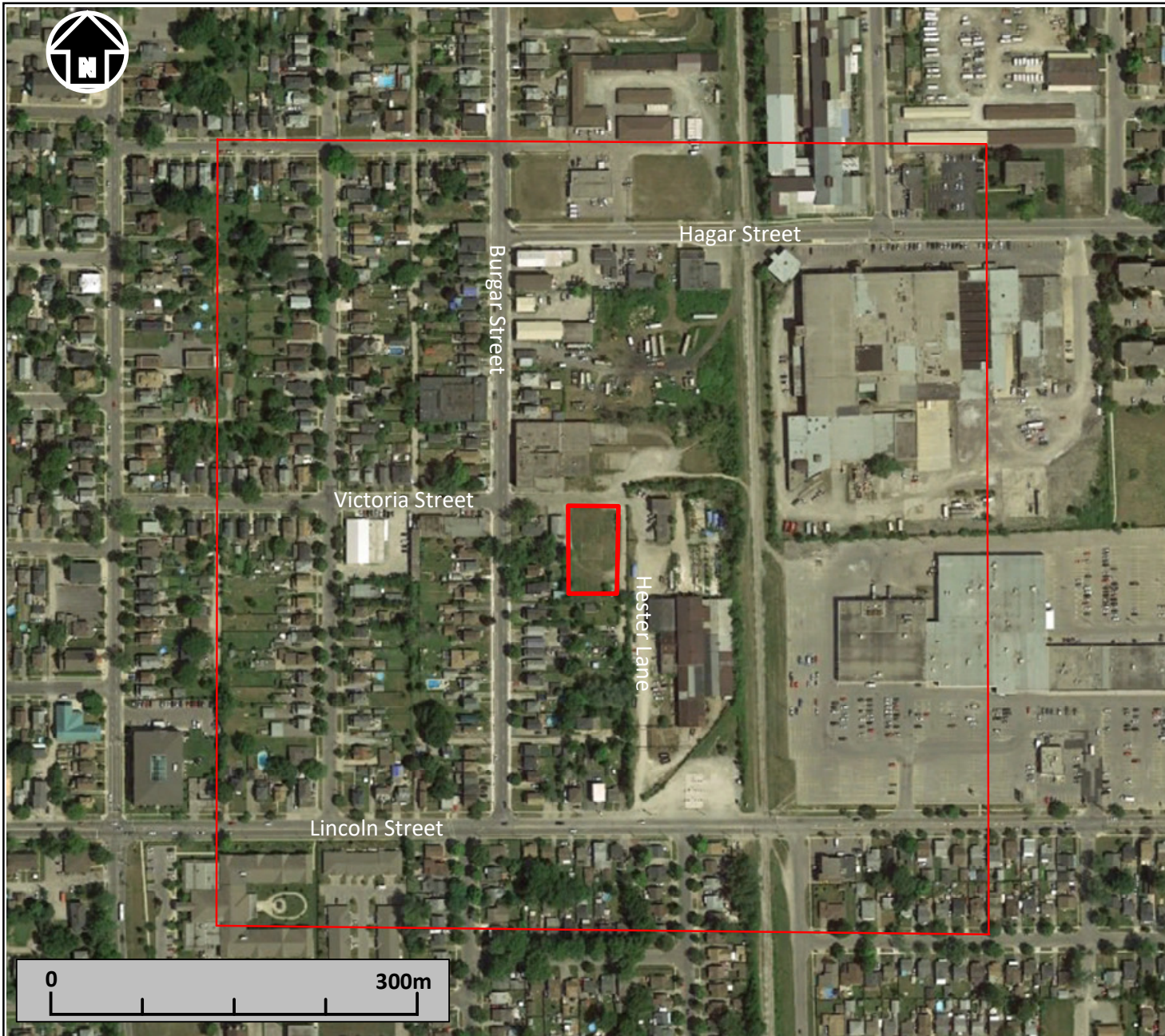
Enclosures:	Appendix 'A'	Site Plan Drawings
	Appendix 'B'	Chain of Title
	Appendix 'C'	City of Welland Correspondence
	Appendix 'D'	MOE Database Search Results
	Appendix 'E'	T.S.S.A. Correspondence
	Appendix 'F'	Ecolog ERIS Report
	Appendix 'G'	Aerial Photographs
	Appendix 'H'	Topographic Maps
	Appendix 'I'	Table of Current and Past Uses
	Appendix 'J'	Phase One Conceptual Site Model
	Appendix 'K'	Site Photographs
	Appendix 'L'	Qualifications of Assessors

Appendix 'A'



1. Drawing No.: 1.: Site Plan;
2. Drawing No.: 1A.: APECs;
3. Drawing No.: 2: Study Area View;
4. Drawing No.: 3: Site Location;







LEGEND

-  = Site Boundary
 = Study Area (250m radius)

NOTES:

1. This map should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Base map provided by:
© 2021 Google

Soil-Mat
Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street,
Welland, Ontario

DRAWING TITLE

Study Area View

PROJECT No. SM 230169-E

DATE March 2023

CHECKED PM

DRAWN SD

FILE NAME

230169 Site Plan 2.vsd

DRAWING No. 2

Appendix 'B'

1. Title Search Documents

LAND
REGISTRY
OFFICE #59

64110-0038 (LT)

PAGE 1 OF 5
PREPARED FOR Shaa
ON 2023/03/16 AT 09:20:15

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

PROPERTY DESCRIPTION: LTS 150, 151, 152 & 153, PL 573 ; WELLAND

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

1998/11/23

OWNERS' NAMES

DEHAM CANADA INC.

CAPACITY

SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
<div><div>**EFFECTIVE</div><div>2000/07/29</div><div>THE NOTATION OF THE</div><div>"BLOCK IMPLEMENTATION DATE" OF 1998/11/23 ON THIS PIN**</div><div>**WAS REPLACED WITH THE</div><div>"PIN CREATION DATE" OF 1998/11/23**</div><div>** PRINTOUT</div><div>INCLUDES ALL DOCUMENT TYPES AND</div><div>DELETED INSTRUMENTS SINCE 1998/11/20 **</div><div>**SUBJECT,</div><div>ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</div><div>**</div><div>SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES</div><div>*</div><div>**</div><div>AND ESCHEATS OR FORFEITURE TO THE CROWN.</div><div>**</div><div>THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</div><div>**</div><div>IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</div><div>**</div><div>CONVENTION.</div><div>**</div><div>ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</div><div>**DATE OF CONVERSION TO</div><div>LAND TITLES: 1998/11/23 **</div></div>						
RO739436	1998/01/09	TRANS POWER SALE		*** COMPLETELY DELETED ***	1057992 ONTARIO INC.	
RO739437	1998/01/09	CHARGE		*** COMPLETELY DELETED ***	ROBERTO, JENNIE	
LT131150	1999/01/22	CHARGE		*** COMPLETELY DELETED *** 1057992 ONTARIO INC.	TYPER, PETER	
LT183210	2001/06/05	CHARGE		*** COMPLETELY DELETED *** 1057992 ONTARIO INC.	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED	
LT183224	2001/06/05	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROBERTO, JENNIE		
REMARKS: RE: RO739437						

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

LAND
REGISTRY
OFFICE #59

64110-0038 (LT)

PAGE 2 OF 5
PREPARED FOR Shaa
ON 2023/03/16 AT 09:20:15

ONLAND

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
LT183225	2001/06/05	POSTPONEMENT		*** COMPLETELY DELETED *** TYPER, PETER	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED	
	REMARKS: LT131150 TO LT183210					
LT183242	2001/06/05	CHARGE		*** COMPLETELY DELETED *** 1057992 ONTARIO INC.	KOUDYS, HEATHER	
LT215570	2002/07/02	CHARGE		*** COMPLETELY DELETED *** 1057992 ONTARIO INC.	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, EVELYN AS TO THE REMAINING UNDIVIDED	
LT215571	2002/07/02	POSTPONEMENT		*** COMPLETELY DELETED *** TYPER, PETER	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, EVELYN	
	REMARKS: LT131150 POSTPONED TO LT215570					
LT215572	2002/07/02	POSTPONEMENT		*** COMPLETELY DELETED *** KOUDYS, HEATHER	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, EVELYN	
	REMARKS: LT183242 POSPONED TO LT215570					
LT215580	2002/07/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** 1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED		
	REMARKS: RE: LT183210					
LT217343	2002/07/19	BYLAW		THE CORPORATION OF THE CITY OF WELLAND		C
	REMARKS: A BY-LAW TO DESIGNATE 111 VICTORIA STREET IN THE CITY OF WELLAND, KNO WN AS THE "VAUGHAN SEED COMPANY" OF HISTORIC OR ARCHITECTURAL VALUE OR INTEREST					
SN11487	2003/10/16	CHARGE		*** COMPLETELY DELETED *** 1057992 ONTARIO INC.	1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, EVELYN	
SN11488	2003/10/16	POSTPONEMENT		*** COMPLETELY DELETED *** TYPER, PETER	PILSMAKER, EVELYN 1337598 ONTARIO LIMITED	

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

LAND
REGISTRY
OFFICE #59

64110-0038 (LT)

PAGE 3 OF 5
PREPARED FOR Shaa
ON 2023/03/16 AT 09:20:15

ONLAND

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SN11489	2003/10/16	POSTPONEMENT		*** COMPLETELY DELETED *** KOUDYS, HEATHER	1337597 ONTARIO LIMITED 1337597 ONTARIO LIMITED PILSMAKER, EVELYN 1337598 ONTARIO LIMITED	
SN12648	2003/10/27	DISCH OF CHARGE		*** COMPLETELY DELETED *** 1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, EVELYN		
SN128074	2006/07/13	TRANSMISSON CHARGE		*** COMPLETELY DELETED *** PILSMAKER, EVELYN	PILSMAKER, GERALD MILTON FELDMAN, SUSAN	
SN128867	2006/07/18	TRANS POWER SALE		*** COMPLETELY DELETED *** PILSMAKER, GERALD MILTON FELDMAN, SUSAN 1337597 ONTARIO LIMITED 1337598 ONTARIO LIMITED	WEASNER, SUSAN	
SN128868	2006/07/18	CHARGE		*** COMPLETELY DELETED *** WEASNER, SUSAN	1337598 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, GERALD FELDMAN, SUSAN	
SN128869	2006/07/18	CHARGE		*** COMPLETELY DELETED *** WEASNER, SUSAN	KOUDYS, JOANNE	
SN154320	2007/02/28	CHARGE		*** COMPLETELY DELETED *** WEASNER, SUSAN	KOUDYS, JOANNE	
SN224509	2008/10/03	TRANS POWER SALE		*** COMPLETELY DELETED *** 1337598 ONTARIO LIMITED 1337598 ONTARIO LIMITED PILSMAKER, GERALD	VIRASAMI, HENRY GAYADEEN, KEVIN	

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

LAND
REGISTRY
OFFICE #59

64110-0038 (LT)

PAGE 4 OF 5
PREPARED FOR Shaa
ON 2023/03/16 AT 09:20:15

ONLAND

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: SN128868 PLANNING ACT STATEMENTS				FELDMAN, SUSAN		
SN224510	2008/10/03	CHARGE		*** COMPLETELY DELETED *** VIRASAMI, HENRY GAYADEEN, KEVIN	HICKOX, ELIZABETH BEA SHAWN FASHIONS LTD. REMAX WELLAND REALTY LTD. 1401099 ONTARIO LIMITED	
SN229613	2008/11/21	CHARGE		*** COMPLETELY DELETED *** GAYADEEN, KEVIN VIRASAMI, HENRY	EDVAC CAPITAL INC.	
SN250074	2009/07/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** EDVAC CAPITAL INC.		
REMARKS: RE: SN229613						
SN250077	2009/07/03	CHARGE	\$95,000	GAYADEEN, KEVIN VIRASAMI, HENRY	1597037 ONTARIO INC	C
SN260437	2009/10/07	CHARGE	\$37,700	GAYADEEN, KEVIN VIRASAMI, HENRY	1597037 ONTARIO INC	C
SN260623	2009/10/08	DISCH OF CHARGE		*** COMPLETELY DELETED *** HICKOX, ELIZABETH BEA SHAWN FASHIONS LTD. REMAX WELLAND REALTY LTD. 1401099 ONTARIO LIMITED		
REMARKS: RE: SN224510						
SN314095	2011/05/19	CERT TAX ARREARS		*** COMPLETELY DELETED *** THE CORPORATION OF THE CITY OF WELLAND		
SN411900	2014/08/15	BYLAW		THE CORPORATION OF THE CITY OF WELLAND		C
REMARKS: BY-LAW NO. 2014-110 TO REPEAL BY-LAW 2002-123 BEING A BY-LAW TO DESIGNATE BY-LAW TO DESIGNATE 111 VICTORIA STREET IN THE CITY OF WELLAND KNOWN AS "VAUGHAN SEED COMPANY" OF HISTORIC OR ACHITECTURAL VALUE OR INTEREST						
SN419322	2014/11/06	CT TAX ARREAR CANC		*** COMPLETELY DELETED *** THE CORPORATION OF THE CITY OF WELLAND		
REMARKS: SN314095.						
SN423149	2014/12/17	CERT TAX ARREARS		*** COMPLETELY DELETED *** THE COROPORATION OF THE CITY OF WELLAND		

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

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SN666618	2021/03/25	APL (GENERAL)		*** COMPLETELY DELETED *** THE CORPORATION OF THE CITY OF WELLAND		
		REMARKS: SN423149				
SN680301	2021/06/28	CERTIFICATE		*** COMPLETELY DELETED *** THE CORPORATION OF THE CITY OF WELLAND		
		REMARKS: TAX ARREARS				
SN745996	2022/10/19	TRANSFER	\$192,000	THE CORPORATION OF THE CITY OF WELLAND	DEHAM CANADA INC.	C
		REMARKS: TAX DEED				

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

Appendix 'C'

1. City of Welland Correspondence

Peter Markesic

From: City of Welland <no-reply@wufoo.com>
Sent: Thursday, April 6, 2023 1:20 PM
To: Shaalin Dlaymi
Subject: Contact the City of Welland

Thank You! Your Message has been sent to Planning & Development Services

If you have requested a response, we will be in touch within 2 business days.

Contact the City of Welland

Choose an appropriate department to receive this email: Planning & Development Services

Name * Shaalin Dlaymi

Address Line 1 401 Greys road

City / Province / Country Stoney Creek, Ontario, Canada

Phone Number (365) 880-6320

Email * sdlaymi@soilmat.ca

How would you like correspondence? *

- email

Account Number or Address this inquiry pertains to 111 Victoria Street

Comments: * I am looking for information on a property in the town of Welland, Ontario.

The property address is:
111 Victoria Street

I am looking to see if the Planning Department has any Phase One Environmental Site Assessments on file with the City with regards to these properties.

Regards,
Shaalini Dlaymi, B.Sc.

Appendix 'D'

1. MOE Database Search Results

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de la
Protection de la nature et des Parcs

Access and Privacy Office

Bureau de l'accès à l'information et
de la protection de la vie privée

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



April 26, 2023

Shaalín Dlaymi
Soil-Mat Engineers & Consultants
401 Grays Road
Stoney Creey, Ontario L8E 2Z3
sdlaymi@soilmat.ca

Dear Shaalín Dlaymi:

RE: **MECP FOI A-2023-02182, Your Reference – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 111 Victoria Street (Lot 24 Concession 5) Crowland, Welland.

After a thorough search through the files of the ministry's Niagara District Office, West Central Region, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Tolani Abraham at
Tolani.Abraham2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office

Appendix 'E'

1. T.S.S.A Correspondence

Peter Markesic

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Monday, April 10, 2023 10:54 AM
To: Shaalin Dlaymi
Subject: RE: Underground Fuel Tanks

Hello,

NO RECORD FOUND IN CURRENT DATABASE

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our database of any **fuel storage tanks** at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click [Release of Public Information - TSSA](#) - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
 - a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.

Questions? Please contact TSSA's Public Information Release team at publicinformationsservices@tssa.org.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



Kimberly Gage | Public Information Agent

Legal

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org

www.tssa.org



From: Shaalin Dlaymi

[<sdlaymi@soilmat.ca>](mailto:sdlaymi@soilmat.ca)

Sent: Monday, April 10, 2023 9:07 AM

To: Public Information Services



Winner of 2022 5-Star Safety Cultures Award

[<publicinformationservices@tssa.org>](mailto:publicinformationservices@tssa.org)

Subject: Underground Fuel Tanks

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

I'm looking for any records of underground fuel storage tanks located at the following address in the City of Welland, Ontario at the following addresses:

111 Victoria Street
97 Victoria Street
123 Victoria Street
236 Victoria Street
260 Burgar Street
264 Burgar Street
270 Burgar Street

Thank you,



Shaalin Dlaymi, B.Sc.

Environmental Technician

SOIL-MAT ENGINEERS & CONSULTANTS LTD.

401 Grays Road, Hamilton, ON L8E 2Z3

T: 905.318.7440 M: 365.880.6320 www.soil-mat.ca

This e-mail, including any attachments, is privileged, confidential and subject to copyright. Any unauthorized use or disclosure is prohibited. If you are not the intended recipient please notify the sender immediately by return e-mail and delete the message and any attachments from your system.

Please consider the environment before printing this email

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Appendix 'F'

1. Ecolog ERIS Report;



DATABASE REPORT

Project Property:	<i>111 Victoria Street, Welland 111 Victoria Street Welland ON 230169</i>
Project No:	
Report Type:	<i>RSC Report (Urban)</i>
Order No:	<i>23041000144</i>
Requested by:	<i>Soil-Mat Engineers & Consultants Ltd.</i>
Date Completed:	<i>April 13, 2023</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	22
Map.....	42
Aerial.....	43
Topographic Map.....	44
Detail Report.....	45
Unplottable Summary.....	149
Unplottable Report.....	150
Appendix: Database Descriptions.....	151
Definitions.....	160

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: 111 Victoria Street, Welland
111 Victoria Street Welland ON

Project No: 230169

Order Information:

Order No: 23041000144
Date Requested: April 10, 2023
Requested by: Soil-Mat Engineers & Consultants Ltd.
Report Type: RSC Report (Urban)

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)
Topographic Map RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
ÅAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
ÅMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ÅNDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	2	2
ÅST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
ÅUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
ÇA	<i>Certificates of Approval</i>	Y	0	7	7
ÇDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
ÇFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
ÇHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
ÇHM	<i>Chemical Register</i>	Y	0	0	0
ÇNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
ÇCOAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
ÇCONV	<i>Compliance and Convictions</i>	Y	0	0	0
ÇPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	11	11
ÈASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
ÈBR	<i>Environmental Registry</i>	Y	0	2	2
ECA	<i>Environmental Compliance Approval</i>	Y	0	9	9
ÈEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
ÈHS	<i>ERIS Historical Searches</i>	Y	0	20	20
ÈIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
ÈMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
ÈPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
ÈCON	<i>Federal Convictions</i>	Y	0	0	0
ÈCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
ÈOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	5	5
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	66	66
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (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
OGGW	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	1	9	10
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	3	3
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	2	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	18	18
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	2	2
WWIS	Water Well Information System	Y	0	4	4
Total:			1	184	185

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	PES™	VAUGHAN SEED COMPANY LTD.	111 VICTORIA STREET WELLAND ON	SSE/0.0	0.00	45

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	BORE		ON	NW/40.3	0.00	<u>45</u>
<u>3</u>	BORE		ON	W/44.2	0.00	<u>46</u>
<u>4</u>	SCT	WARD IRONWORKS LTD	123 VICTORIA ST WELLAND ON L3B 4L9	ESE/44.9	0.00	<u>47</u>
<u>4</u>	SCT	Ward Industries Ltd.	123 Victoria St Welland ON L3B 4L9	ESE/44.9	0.00	<u>48</u>
<u>4</u>	CA		123 Victoria Street Welland ON L3B 4L9	ESE/44.9	0.00	<u>48</u>
<u>4</u>	EBR	Ward Industrial Equipment Ltd.	123 Victoria Street Welland Ontario L3B 5R3 Welland ON	ESE/44.9	0.00	<u>48</u>
<u>4</u>	GEN	WARD IRONWORKS LTD.	123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	ESE/44.9	0.00	<u>49</u>
<u>4</u>	GEN	WARD IRONWORKS LTD. 41-074	123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	ESE/44.9	0.00	<u>49</u>
<u>4</u>	GEN	WARD IRONWORKS LIMITED	123 VICTORIA STREET WELLAND ON L3B 5R3	ESE/44.9	0.00	<u>49</u>
<u>4</u>	GEN	WARD INDUSTRIAL EQUIPMENT LTD.	123 VICTORIA STREET WELLAND ON L3B 4L9	ESE/44.9	0.00	<u>50</u>
<u>4</u>	SCT	Ward Industrial Equipment Ltd.	123 Victoria St Welland ON L3B 4L9	ESE/44.9	0.00	<u>51</u>
<u>4</u>	ECA	Ward Industrial Equipment Ltd.	123 Victoria Street Welland ON L3B 5R3	ESE/44.9	0.00	<u>51</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>4</u>	GEN	Ward Industrial Equipment Inc	123 Victoria St welland ON L3B 4L9	ESE/44.9	0.00	<u>51</u>
<u>4</u>	GEN	Ward Industrial Equipment Inc	123 Victoria St welland ON L3B 4L9	ESE/44.9	0.00	<u>52</u>
<u>5</u>	GEN	WESTON BAKERIES LIMITED 42-519	236 BURGAR STREET WELLAND C/O 462 EASTERN AVENUE TORONTO ON L3B 2T4	NNE/48.7	0.00	<u>52</u>
<u>5</u>	GEN	WESTON BAKERIES LIMITED	236 BURGAR STREET WELLAND ON L3B 2T4	NNE/48.7	0.00	<u>53</u>
<u>5</u>	EHS		236 Burgar St Welland ON L3B2T4	NNE/48.7	0.00	<u>53</u>
<u>5</u>	EHS		236 Burgar Street Welland ON L3B 2T4	NNE/48.7	0.00	<u>53</u>
<u>5</u>	EHS		236 Burgar Street Welland ON L3B 2T4	NNE/48.7	0.00	<u>54</u>
<u>5</u>	EHS		236 Burgar Street Welland ON L3B 2T4	NNE/48.7	0.00	<u>54</u>
<u>6</u>	SPL	Enbridge Gas Distribution Inc.	265 Burgar Street, Welland Welland ON	W/66.5	0.00	<u>54</u>
<u>6</u>	PINC	METROPOLITAN TORONTO HOUSING AUTHORITY AREA 4	265 BURGAR ST,,WELLAND,ON,L3B 2T5, CA ON	W/66.5	0.00	<u>55</u>
<u>7</u>	SCT	Heritage Sign Builders	249 Burgar St Unit 2 Welland ON L3B 2T5	W/78.4	0.00	<u>55</u>
<u>7</u>	EBR	Raymond Vezeau	249 Burgar Street Unit Unit 4 Welland Regional Municipality of Niagara L3B 2T5 CITY OF WELLAND ON	W/78.4	0.00	<u>55</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	CA	Raymond Shawn Vezeau	249 Bugar St Welland ON	W/78.4	0.00	<u>56</u>
<u>7</u>	ECA	Raymond Shawn Vezeau	249 Bugar St Welland ON L3B 2T5	W/78.4	0.00	<u>56</u>
<u>7</u>	GEN	Silver Creek Cabinetry	249 Bugar St. Welland ON L3B 2T5	W/78.4	0.00	<u>56</u>
<u>7</u>	GEN	Silver Creek Cabinetry	249 Bugar St. Welland ON L3B 2T5	W/78.4	0.00	<u>57</u>
<u>8</u>	BORE		ON	SW/89.0	0.00	<u>57</u>
<u>9</u>	EHS		212 Bugar Street Welland ON L3B 2T4	NNW/115.8	0.00	<u>58</u>
<u>10</u>	WWIS		300-390 LINCOLN ST. WELLAND ON Well ID: 6604877	E/119.7	0.00	<u>58</u>
<u>11</u>	EHS		212 Bugar St Welland ON L3B2T4	NNE/123.4	0.00	<u>61</u>
<u>12</u>	SCT	Welland Metal Supplies Ltd.	208 Bugar St Welland ON L3B 2T4	N/126.7	0.00	<u>61</u>
<u>12</u>	SCT	WELLAND METAL SUPPLIES LTD	208 BURGAR ST WELLAND ON L3B 2T4	N/126.7	0.00	<u>61</u>
<u>12</u>	EHS		208 Bugar St Welland ON L3B2T4	N/126.7	0.00	<u>61</u>
<u>13</u>	WWIS		ON Well ID: 7277714	SSE/130.5	0.00	<u>62</u>
<u>14</u>	GEN	PETRO CANADA INC.	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	SE/137.6	0.00	<u>63</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	GEN	PETRO CANADA PRODUCTS	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	SE/137.6	0.00	<u>63</u>
<u>14</u>	GEN	PETRO CANADA PRODUCTS 30-447	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	SE/137.6	0.00	<u>63</u>
<u>14</u>	GEN	PETRO-CANADA PRODUCTS	BULK PLANT 286 LINCOLN STREET EAST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>64</u>
<u>14</u>	GEN	BOB GILMORE LTD.	286 LINCOLN ST. WELLAND ON L3B 4N4	SE/137.6	0.00	<u>64</u>
<u>14</u>	FSTH	PETRO-CANADA CENTRAL REGION BUSINESS CENTRE ATTN: WHOLESALE MARKETING **	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>64</u>
<u>14</u>	FSTH	PETRO-CANADA CENTRAL REGION BUSINESS CENTRE - WHOLESALE OPERATIONS **	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>65</u>
<u>14</u>	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>65</u>
<u>14</u>	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON	SE/137.6	0.00	<u>66</u>
<u>14</u>	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON	SE/137.6	0.00	<u>67</u>
<u>14</u>	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>67</u>
<u>14</u>	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	<u>67</u>
<u>14</u>	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	<u>68</u>
<u>14</u>	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	<u>68</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON	SE/137.6	0.00	69
14	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	69
14	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	70
14	DTNK	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	70
14	ECA	Suncor Energy Inc.	286 Lincoln St Welland ON L6L 6N5	SE/137.6	0.00	71
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	71
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	71
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	72
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	72
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	73
14	ECA	Suncor Energy Inc.	286 Lincoln St Welland ON L6L 6N5	SE/137.6	0.00	73
14	FST	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	DTNK		286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	74
14	FST	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	74
14	FST	SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	SE/137.6	0.00	75
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	75
14	GEN	SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	SE/137.6	0.00	76
15	EHS		41 Victoria Street Welland ON L3B 4L7	W/139.9	0.00	76
16	GEN	ARC INDUSTRIES	43 HAGER STREET WELLAND ON L3B 4J7	NNE/178.9	0.00	77
16	EHS		43 Hagar St Welland ON L3B4J7	NNE/178.9	0.00	77
16	RSC	10273074 CANADA CORPORATION	43 HAGAR STREET, WELLAND, ON L3B 4J7 Welland ON	NNE/178.9	0.00	77
17	WWIS		ON Well ID: 7325286	NE/182.0	0.00	78
18	EHS		Garner Ave Welland ON L3B	WNW/186.9	0.00	79
19	PINC	CABLETECH CABLE CONTRACTORS INC	163 GARNER AVE.,,WELLAND,ON,L3B 2Y1,CA ON	WSW/188.3	0.00	79
20	WDSH		Atlas Steels WELLAND ON	E/200.7	0.00	80

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>20</u>	WDSH		Stelco WELLAND ON	E/200.7	0.00	<u>80</u>
<u>21</u>	BORE		ON	SSW/216.8	0.00	<u>81</u>
<u>22</u>	ANDR	Atlas Steels Dump	Welland ON L3B	E/219.5	-0.11	<u>82</u>
<u>22</u>	ANDR	Stelco Dump	Welland ON L3B	E/219.5	-0.11	<u>82</u>
<u>23</u>	BORE		ON	NNW/226.6	0.00	<u>83</u>
<u>24</u>	SCT	Prime Way Companies Ltd.	125 Hagar St Welland ON L3B 5V9	NE/235.6	0.00	<u>84</u>
<u>24</u>	WWIS		125 HAGAR ST 129 Welland ON Well ID: 7101681	NE/235.6	0.00	<u>84</u>
<u>24</u>	GEN	Empire Prime Developments	125 Hagar Street Welland ON L3B 5V9	NE/235.6	0.00	<u>89</u>
<u>25</u>	CA	SUSGIN CONSTRUCTION LIMITED	ASHER ST./BURGAR ST. WELLAND CITY ON	NNW/261.2	0.00	<u>89</u>
<u>26</u>	CA	775457 ONTARIO INC. (NIAGARA MET. IND.)	129 HAGAR ST., LOT NOS. 44-53 WELLAND CITY ON L3B 5V9	ENE/262.5	-0.45	<u>89</u>
<u>26</u>	PRT	ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON L3B5V9	ENE/262.5	-0.45	<u>90</u>
<u>26</u>	SCT	H & M CASTINGS LTD.	129 HAGAR ST WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>90</u>
<u>26</u>	SCT	RAYCON TOOL & DIE WELDING LTD.	129 HAGAR ST WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>90</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>26</u>	SCT	Great Lakes Coating Products	129 Hagar St Welland ON L3B 5V9	ENE/262.5	-0.45	<u>90</u>
<u>26</u>	SCT	Phoenix Innovations	129 Hager St Unit 1 Welland ON L3B 5V9	ENE/262.5	-0.45	<u>91</u>
<u>26</u>	SCT	Great Lakes Coating Products Inc.	129 Hagar St Welland ON L3B 5V9	ENE/262.5	-0.45	<u>91</u>
<u>26</u>	CA		129 Hagar Street Welland ON L3B 5V9	ENE/262.5	-0.45	<u>91</u>
<u>26</u>	GEN	CANADIAN TIRE CORPORATION	CANADIAN TIRE ACCEPTANCE 129 HAGAR STREET WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>91</u>
<u>26</u>	GEN	FRUST INTERNATIONAL CORPORATION	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR ST. WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>91</u>
<u>26</u>	GEN	FRUST INTERNATIONAL CORPORATION	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR STREET WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>92</u>
<u>26</u>	GEN	FRUST INTERNATIONAL CORPORATION 15-524	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR ST. WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>92</u>
<u>26</u>	GEN	FURST INTERNATIONAL (OUT OF BUSINESS)	FURST MANUFACTURING CORP., A DIVISION OF 129 HAGAR STREET WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>93</u>
<u>26</u>	GEN	CADILLAC COMPRESSORS MFG. LTD.	129 HAGAR ST. WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>93</u>
<u>26</u>	GEN	CADILLAC COMPRESSORS MFG. LTD.	(OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>93</u>
<u>26</u>	GEN	CADILLAC COMPRESSORS MFG. LTD. 08-267	(OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	ENE/262.5	-0.45	<u>94</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>26</u>	SCT	Indiana Supply Company	129 Hagar St Welland ON L3B 5V9	ENE/262.5	-0.45	<u>94</u>
<u>26</u>	GEN	1322259 Ontario Inc.	129 Hagar Street Welland ON L3B 5V9	ENE/262.5	-0.45	<u>94</u>
<u>26</u>	SCT	K-Line Manufacturing	129 Hagar St Welland ON L3B 5V9	ENE/262.5	-0.45	<u>94</u>
<u>26</u>	GEN	TANSHAW SANITATION INC.	129 Hagar Street Welland ON L3B 5V9	ENE/262.5	-0.45	<u>95</u>
<u>26</u>	EHS		125-129 Hagar Street Welland ON L3B 5V9	ENE/262.5	-0.45	<u>95</u>
<u>26</u>	GEN	3542114 Canada Inc.	129 Hagar Street Unit #5 Welland ON L3B 5V9	ENE/262.5	-0.45	<u>95</u>
<u>26</u>	SCT	Welland Printing Inc.	129 Hagar St Unit 13 Welland ON L3B 5V9	ENE/262.5	-0.45	<u>96</u>
<u>26</u>	SCT	CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON L3B 5V9	ENE/262.5	-0.45	<u>96</u>
<u>26</u>	DTNK	ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON	ENE/262.5	-0.45	<u>96</u>
<u>26</u>	DTNK	ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON	ENE/262.5	-0.45	<u>97</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>98</u>
<u>26</u>	GEN	CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON	ENE/262.5	-0.45	<u>98</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>98</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON	ENE/262.5	-0.45	<u>98</u>
<u>26</u>	ECA	Hartbridge Environmental Inc.	129 Hagar St Welland ON L2V 4M5	ENE/262.5	-0.45	<u>99</u>
<u>26</u>	ECA	DomSource Inc.	129 Hagar Street Welland ON L3B 5V9	ENE/262.5	-0.45	<u>100</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>100</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>101</u>
<u>26</u>	GEN	CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON L3B5V9	ENE/262.5	-0.45	<u>102</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>102</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>103</u>
<u>26</u>	EHS		129 Hagar Street Welland ON L3B 2L6	ENE/262.5	-0.45	<u>104</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>104</u>
<u>26</u>	GEN	942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>105</u>
<u>26</u>	GEN	Empire Prime Developments Inc.	129 Hagar St. Welland ON L3B 5V9	ENE/262.5	-0.45	<u>106</u>
<u>27</u>	EHS		100 Asher Street Welland ON L3B 4J4	N/275.8	0.00	<u>107</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>28</u>	BORE		ON	NNW/282.0	0.00	<u>107</u>
<u>29</u>	EHS		330-390 LINCOLN STREET WELLAND ON L3B 4N4	E/284.0	-1.00	<u>108</u>
<u>30</u>	PRT	SHIRLEY LEVELLE LINCOLN PLAZA SHELL	300 LINCOLN WELLAND ON L3B 4N4	E/285.8	-1.00	<u>108</u>
<u>30</u>	CA		300 Lincoln Street Welland ON L3B 4N4	E/285.8	-1.00	<u>108</u>
<u>30</u>	PES	COX HOME HARDWARE	300 LINCOLN ST WELLAND ON L3B 4N4	E/285.8	-1.00	<u>108</u>
<u>30</u>	PES	GEORGE'S HOME HARDWARE	300 LINCOLN STREET WELLAND ON L3B4N4	E/285.8	-1.00	<u>109</u>
<u>30</u>	GEN	SHOPPERS DRUG MART	300 LINCOLN STREET WELLAND ON L3B 4N4	E/285.8	-1.00	<u>109</u>
<u>30</u>	PES	COX HOME HARDWARE	300 LINCOLN ST WELLAND ON L3B 4N4	E/285.8	-1.00	<u>110</u>
<u>30</u>	PES	THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B 4N4	E/285.8	-1.00	<u>110</u>
<u>30</u>	DTNK	SHIRLEY LEVELLE LINCOLN PLAZA SHELL	300 LINCOLN WELLAND ON L3B 4N4	E/285.8	-1.00	<u>110</u>
<u>30</u>	PES	THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B 4N4	E/285.8	-1.00	<u>111</u>
<u>30</u>	PES	COX HOME HARDWARE	300 LINCOLN ST, UNIT 19 WELLAND ON L3B4N4	E/285.8	-1.00	<u>111</u>
<u>30</u>	EHS		300 Lincoln St Welland ON L3B4N4	E/285.8	-1.00	<u>112</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	ECA	The Corporation of the City of Welland	300 Lincoln St 298 Simpson Avenue Welland ON L3B 3X4	E/285.8	-1.00	<u>112</u>
<u>30</u>	ECA	Convergys Customer Management Canada Inc.	300 Lincoln Street Welland ON L3B 4N5	E/285.8	-1.00	<u>112</u>
<u>30</u>	EHS		300 Lincoln Street Welland ON L3B 4N4	E/285.8	-1.00	<u>113</u>
<u>30</u>	PES	COX HOME HARDWARE	300 LINCOLN ST, UNIT 19 WELLAND ON L3B4N4	E/285.8	-1.00	<u>113</u>
<u>30</u>	PES	GEORGE'S HOME HARDWARE	300 LINCOLN STREET WELLAND ON L3B4N4	E/285.8	-1.00	<u>113</u>
<u>30</u>	PES	THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B4N4	E/285.8	-1.00	<u>113</u>
<u>31</u>	EHS		110 First Street Welland ON L3B 4S2	SW/289.4	0.00	<u>114</u>
<u>32</u>	SCT	CANADA FORGINGS INC	130 HAGAR ST WELLAND ON L3B 5P8	NE/294.1	0.00	<u>114</u>
<u>32</u>	SCT	Canada Forgings Inc.	130 Hagar St Welland ON L3B 5P8	NE/294.1	0.00	<u>114</u>
<u>33</u>	PRT	N BEDARD & Y BEDARD	162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	NE/294.8	0.00	<u>115</u>
<u>33</u>	SPL		162 Empire St Welland ON L3B 2L6	NE/294.8	0.00	<u>115</u>
<u>33</u>	EHS		162 Empire Street Welland ON L3B 2L6	NE/294.8	0.00	<u>115</u>
<u>33</u>	DTNK	N BEDARD & Y BEDARD	162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	NE/294.8	0.00	<u>116</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>33</u>	GEN	BDO Dunwoody Limited	162 Empire Street Welland ON L3B 2L6	NE/294.8	0.00	<u>116</u>
<u>34</u>	GEN	CANADA FORGINGS INC.	17 WELLAND INTERSECTION OF WELLAND & EMPIRE WELLAND ON L3B 5P8	NNE/294.8	0.00	<u>117</u>
<u>34</u>	NPRI	CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>117</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>118</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>119</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>121</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	NNE/294.8	0.00	<u>123</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>124</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>126</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>126</u>
<u>34</u>	CA	Canada Forgings Inc.	17 Welland St Welland ON	NNE/294.8	0.00	<u>128</u>
<u>34</u>	NPRI	CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>128</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>34</u>	NPRI	CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>130</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	NNE/294.8	0.00	<u>132</u>
<u>34</u>	NPRI	CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>133</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	NNE/294.8	0.00	<u>135</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	NNE/294.8	0.00	<u>135</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>136</u>
<u>34</u>	NPRI	CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>136</u>
<u>34</u>	NPRI	CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>138</u>
<u>34</u>	ECA	Canada Forgings Inc.	17 Welland St Welland ON L3B 5P8	NNE/294.8	0.00	<u>140</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>141</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>141</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>142</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St	NNE/294.8	0.00	<u>142</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Welland ON L3B 5P8			
<u>34</u>	NPRI	Canada Forgings Inc.	17 Welland Avenue Welland ON L3B4E3	NNE/294.8	0.00	<u>143</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>145</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>146</u>
<u>34</u>	GEN	Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	NNE/294.8	0.00	<u>146</u>
<u>35</u>	EHS		370 Hellems Avenue Welland ON	WSW/295.5	0.00	<u>147</u>
<u>35</u>	EHS		370 Hellems Ave Welland ON	WSW/295.5	0.00	<u>147</u>
<u>35</u>	RSC	1650702 Ontario Inc.	370 HELLEMS AVE, WELLAND, ON, L3B 3C3 WELLAND ON L3B 3C3	WSW/295.5	0.00	<u>147</u>

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 2 ANDR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Stelco Dump	Welland ON L3B	219.5	<u>22</u>
Atlas Steels Dump	Welland ON L3B	219.5	<u>22</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	40.3	<u>2</u>
	ON	44.2	<u>3</u>
	ON	89.0	<u>8</u>
	ON	216.8	<u>21</u>
	ON	226.6	<u>23</u>
	ON	282.0	<u>28</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	123 Victoria Street Welland ON L3B 4L9	44.9	<u>4</u>
Raymond Shawn Vezeau	249 Bugar St Welland ON	78.4	<u>7</u>
SUSGIN CONSTRUCTION LIMITED	ASHER ST./BURGAR ST. WELLAND CITY ON	261.2	<u>25</u>
775457 ONTARIO INC. (NIAGARA MET. IND.)	129 HAGAR ST., LOT NOS. 44-53 WELLAND CITY ON L3B 5V9	262.5	<u>26</u>
	129 Hagar Street Welland ON L3B 5V9	262.5	<u>26</u>
	300 Lincoln Street Welland ON L3B 4N4	285.8	<u>30</u>
Canada Forgings Inc.	17 Welland St Welland ON	294.8	<u>34</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 11 DTNK site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND ON	137.6	<u>14</u>
	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON	262.5	<u>26</u>
ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON	262.5	<u>26</u>
SHIRLEY LEVELLE LINCOLN PLAZA SHELL	300 LINCOLN WELLAND ON L3B 4N4	285.8	<u>30</u>
N BEDARD & Y BEDARD	162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	294.8	<u>33</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Feb 28, 2023 has found that there are 2 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ward Industrial Equipment Ltd.	123 Victoria Street Welland Ontario L3B 5R3 Welland ON	44.9	<u>4</u>
Raymond Vezeau	249 Bugar Street Unit Unit 4 Welland Regional Municipality of Niagara L3B 2T5 CITY OF WELLAND ON	78.4	<u>7</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Feb 28, 2023 has found that there are 9 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ward Industrial Equipment Ltd.	123 Victoria Street Welland ON L3B 5R3	44.9	<u>4</u>
Raymond Shawn Vezeau	249 Bugar St Welland ON L3B 2T5	78.4	<u>7</u>
Suncor Energy Inc.	286 Lincoln St Welland ON L6L 6N5	137.6	<u>14</u>
Suncor Energy Inc.	286 Lincoln St Welland ON L6L 6N5	137.6	<u>14</u>
DomSource Inc.	129 Hagar Street Welland ON L3B 5V9	262.5	<u>26</u>
Hartbridge Environmental Inc.	129 Hagar St Welland ON L2V 4M5	262.5	<u>26</u>
The Corporation of the City of Welland	300 Lincoln St 298 Simpson Avenue Welland ON L3B 3X4	285.8	<u>30</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Convergys Customer Management Canada Inc.	300 Lincoln Street Welland ON L3B 4N5	285.8	<u>30</u>
Canada Forgings Inc.	17 Welland St Welland ON L3B 5P8	294.8	<u>34</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2022 has found that there are 20 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	236 Bugar Street Welland ON L3B 2T4	48.7	<u>5</u>
	236 Bugar Street Welland ON L3B 2T4	48.7	<u>5</u>
	236 Bugar Street Welland ON L3B 2T4	48.7	<u>5</u>
	236 Bugar St Welland ON L3B2T4	48.7	<u>5</u>
	212 Bugar Street Welland ON L3B 2T4	115.8	<u>9</u>
	212 Bugar St Welland ON L3B2T4	123.4	<u>11</u>
	208 Bugar St Welland ON L3B2T4	126.7	<u>12</u>
	41 Victoria Street Welland ON L3B 4L7	139.9	<u>15</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	43 Hagar St Welland ON L3B4J7	178.9	<u>16</u>
	Garner Ave Welland ON L3B	186.9	<u>18</u>
	129 Hagar Street Welland ON L3B 2L6	262.5	<u>26</u>
	125-129 Hagar Street Welland ON L3B 5V9	262.5	<u>26</u>
	100 Asher Street Welland ON L3B 4J4	275.8	<u>27</u>
	330-390 LINCOLN STREET WELLAND ON L3B 4N4	284.0	<u>29</u>
	300 Lincoln Street Welland ON L3B 4N4	285.8	<u>30</u>
	300 Lincoln St Welland ON L3B4N4	285.8	<u>30</u>
	110 First Street Welland ON L3B 4S2	289.4	<u>31</u>
	162 Empire Street Welland ON L3B 2L6	294.8	<u>33</u>
	370 Hellems Avenue Welland ON	295.5	<u>35</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	370 Hellems Ave Welland ON	295.5	<u>35</u>

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 5 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY PRODUCTS PARTNERSHIP	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS PARTNERSHIP	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>
SUNCOR ENERGY PRODUCTS INC	286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	137.6	<u>14</u>

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PETRO-CANADA CENTRAL REGION BUSINESS CENTRE - WHOLESALE OPERATIONS **	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
PETRO-CANADA CENTRAL REGION BUSINESS CENTRE ATTN: WHOLESALE MARKETING **	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 66 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WARD IRONWORKS LTD.	123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	44.9	<u>4</u>
WARD IRONWORKS LTD. 41-074	123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	44.9	<u>4</u>
WARD IRONWORKS LIMITED	123 VICTORIA STREET WELLAND ON L3B 5R3	44.9	<u>4</u>
WARD INDUSTRIAL EQUIPMENT LTD.	123 VICTORIA STREET WELLAND ON L3B 4L9	44.9	<u>4</u>
Ward Industrial Equipment Inc	123 Victoria St welland ON L3B 4L9	44.9	<u>4</u>
Ward Industrial Equipment Inc	123 Victoria St welland ON L3B 4L9	44.9	<u>4</u>
WESTON BAKERIES LIMITED 42-519	236 BURGAR STREET WELLAND C/O 462 EASTERN AVENUE TORONTO ON L3B 2T4	48.7	<u>5</u>
WESTON BAKERIES LIMITED	236 BURGAR STREET WELLAND ON L3B 2T4	48.7	<u>5</u>
Silver Creek Cabinetry	249 Burgar St. Welland ON L3B 2T5	78.4	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Silver Creek Cabinetry	249 Bugar St. Welland ON L3B 2T5	78.4	<u>7</u>
PETRO CANADA INC.	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	137.6	<u>14</u>
PETRO CANADA PRODUCTS	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	137.6	<u>14</u>
PETRO CANADA PRODUCTS 30-447	BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	137.6	<u>14</u>
PETRO-CANADA PRODUCTS	BULK PLANT 286 LINCOLN STREET EAST WELLAND ON L3B 4N4	137.6	<u>14</u>
BOB GILMORE LTD.	286 LINCOLN ST. WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
SUNCOR ENERGY	286 LINCOLN ST WELLAND ON L3B 4N4	137.6	<u>14</u>
ARC INDUSTRIES	43 HAGER STREET WELLAND ON L3B 4J7	178.9	<u>16</u>
Empire Prime Developments	125 Hagar Street Welland ON L3B 5V9	235.6	<u>24</u>
CANADIAN TIRE CORPORATION	CANADIAN TIRE ACCEPTANCE 129 HAGAR STREET WELLAND ON L3B 5V9	262.5	<u>26</u>
FRUST INTERNATIONAL CORPORATION	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR ST. WELLAND ON L3B 5V9	262.5	<u>26</u>
FRUST INTERNATIONAL CORPORATION	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR STREET WELLAND ON L3B 5V9	262.5	<u>26</u>
FRUST INTERNATIONAL CORPORATION 15-524	DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR ST. WELLAND ON L3B 5V9	262.5	<u>26</u>
FURST INTERNATIONAL (OUT OF BUSINESS)	FURST MANUFACTURING CORP., A DIVISION OF 129 HAGAR STREET WELLAND ON L3B 5V9	262.5	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CADILLAC COMPRESSORS MFG. LTD.	129 HAGAR ST. WELLAND ON L3B 5V9	262.5	<u>26</u>
CADILLAC COMPRESSORS MFG. LTD.	(OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	262.5	<u>26</u>
CADILLAC COMPRESSORS MFG. LTD. 08-267	(OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	262.5	<u>26</u>
1322259 Ontario Inc.	129 Hagar Street Welland ON L3B 5V9	262.5	<u>26</u>
TANSHAW SANITATION INC.	129 Hagar Street Welland ON L3B 5V9	262.5	<u>26</u>
3542114 Canada Inc.	129 Hagar Street Unit #5 Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON L3B5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
942334 Ontario Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
Empire Prime Developments Inc.	129 Hagar St. Welland ON L3B 5V9	262.5	<u>26</u>
SHOPPERS DRUG MART	300 LINCOLN STREET WELLAND ON L3B 4N4	285.8	<u>30</u>
BDO Dunwoody Limited	162 Empire Street Welland ON L3B 2L6	294.8	<u>33</u>
CANADA FORGINGS INC.	17 WELLAND INTERSECTION OF WELLAND & EMPIRE WELLAND ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Street Intersection of Welland & Empire St Welland ON	294.8	<u>34</u>

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
Canada Forgings Inc.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>
CANADA FORGINGS INC.	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADA FORGINGS	17 Welland Avenue Welland ON L3B4E3	294.8	<u>34</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Feb 28, 2023 has found that there are 10 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VAUGHAN SEED COMPANY LTD.	111 VICTORIA STREET WELLAND ON	0.0	<u>1</u>
THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B 4N4	285.8	<u>30</u>
THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B 4N4	285.8	<u>30</u>
THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	300 - 390 LINCOLN ST WELLAND ON L3B4N4	285.8	<u>30</u>
GEORGE'S HOME HARDWARE	300 LINCOLN STREET WELLAND ON L3B4N4	285.8	<u>30</u>
COX HOME HARDWARE	300 LINCOLN ST, UNIT 19 WELLAND ON L3B4N4	285.8	<u>30</u>
COX HOME HARDWARE	300 LINCOLN ST, UNIT 19 WELLAND ON L3B4N4	285.8	<u>30</u>
COX HOME HARDWARE	300 LINCOLN ST WELLAND ON L3B 4N4	285.8	<u>30</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COX HOME HARDWARE	300 LINCOLN ST WELLAND ON L3B 4N4	285.8	<u>30</u>
GEORGE'S HOME HARDWARE	300 LINCOLN STREET WELLAND ON L3B4N4	285.8	<u>30</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
METROPOLITAN TORONTO HOUSING AUTHORITY AREA 4	265 BURGAR ST.,WELLAND,ON,L3B 2T5, CA ON	66.5	<u>6</u>
CABLETECH CABLE CONTRACTORS INC	163 GARNER AVE.,WELLAND,ON,L3B 2Y1, CA ON	188.3	<u>19</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 3 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROSE CITY ATTN BRIAN MORGAN	129 HAGAR ST WELLAND ON L3B5V9	262.5	<u>26</u>
SHIRLEY LEVELLE LINCOLN PLAZA SHELL	300 LINCOLN WELLAND ON L3B 4N4	285.8	<u>30</u>
N BEDARD & Y BEDARD	162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	294.8	<u>33</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Feb 2023 has found that there are 2 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
10273074 CANADA CORPORATION	43 HAGAR STREET, WELLAND, ON L3B 4J7 Welland ON	178.9	<u>16</u>
1650702 Ontario Inc.	370 HELLEMS AVE, WELLAND, ON, L3B 3C3 WELLAND ON L3B 3C3	295.5	<u>35</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 18 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ward Industrial Equipment Ltd.	123 Victoria St Welland ON L3B 4L9	44.9	<u>4</u>
Ward Industries Ltd.	123 Victoria St Welland ON L3B 4L9	44.9	<u>4</u>
WARD IRONWORKS LTD	123 VICTORIA ST WELLAND ON L3B 4L9	44.9	<u>4</u>
Heritage Sign Builders	249 Bugar St Unit 2 Welland ON L3B 2T5	78.4	<u>7</u>
WELLAND METAL SUPPLIES LTD	208 BURGAR ST WELLAND ON L3B 2T4	126.7	<u>12</u>
Welland Metal Supplies Ltd.	208 Bugar St Welland ON L3B 2T4	126.7	<u>12</u>
Prime Way Companies Ltd.	125 Hagar St Welland ON L3B 5V9	235.6	<u>24</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CRS Electronics Inc.	129 Hagar St Unit 5 Welland ON L3B 5V9	262.5	<u>26</u>
Welland Printing Inc.	129 Hagar St Unit 13 Welland ON L3B 5V9	262.5	<u>26</u>
K-Line Manufacturing	129 Hagar St Welland ON L3B 5V9	262.5	<u>26</u>
Indiana Supply Company	129 Hagar St Welland ON L3B 5V9	262.5	<u>26</u>
Great Lakes Coating Products Inc.	129 Hagar St Welland ON L3B 5V9	262.5	<u>26</u>
Phoenix Innovations	129 Hager St Unit 1 Welland ON L3B 5V9	262.5	<u>26</u>
Great Lakes Coating Products	129 Hagar St Welland ON L3B 5V9	262.5	<u>26</u>
RAYCON TOOL & DIE WELDING LTD.	129 HAGAR ST WELLAND ON L3B 5V9	262.5	<u>26</u>
H & M CASTINGS LTD.	129 HAGAR ST WELLAND ON L3B 5V9	262.5	<u>26</u>
Canada Forgings Inc.	130 Hagar St Welland ON L3B 5P8	294.1	<u>32</u>
CANADA FORGINGS INC	130 HAGAR ST WELLAND ON L3B 5P8	294.1	<u>32</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2021; May 2021-Oct 2021 has found that there are 2 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	265 Bugar Street, Welland Welland ON	66.5	<u>6</u>
	162 Empire St Welland ON L3B 2L6	294.8	<u>33</u>

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

A search of the WDSH database, dated Up to Oct 1990* has found that there are 2 WDSH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Stelco WELLAND ON	200.7	<u>20</u>
	Atlas Steels WELLAND ON	200.7	<u>20</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 4 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	300-390 LINCOLN ST. WELLAND ON <i>Well ID: 6604877</i>	119.7	<u>10</u>
	ON <i>Well ID: 7277714</i>	130.5	<u>13</u>
	ON <i>Well ID: 7325286</i>	182.0	<u>17</u>

Site**Address**

125 HAGAR ST 129
Welland ON

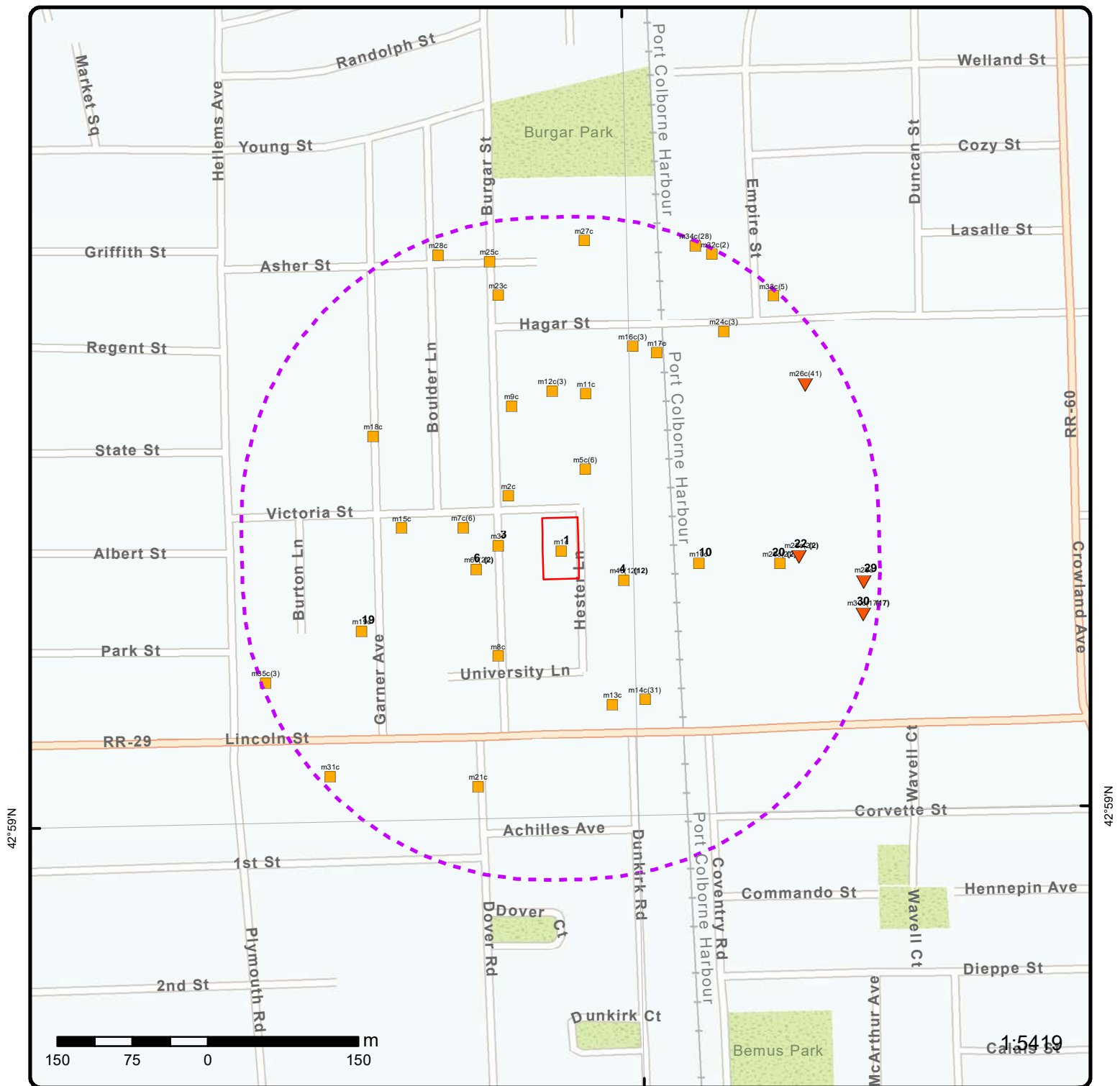
Well ID: 7101681

Distance (m)

235.6

Map Key

[24](#)



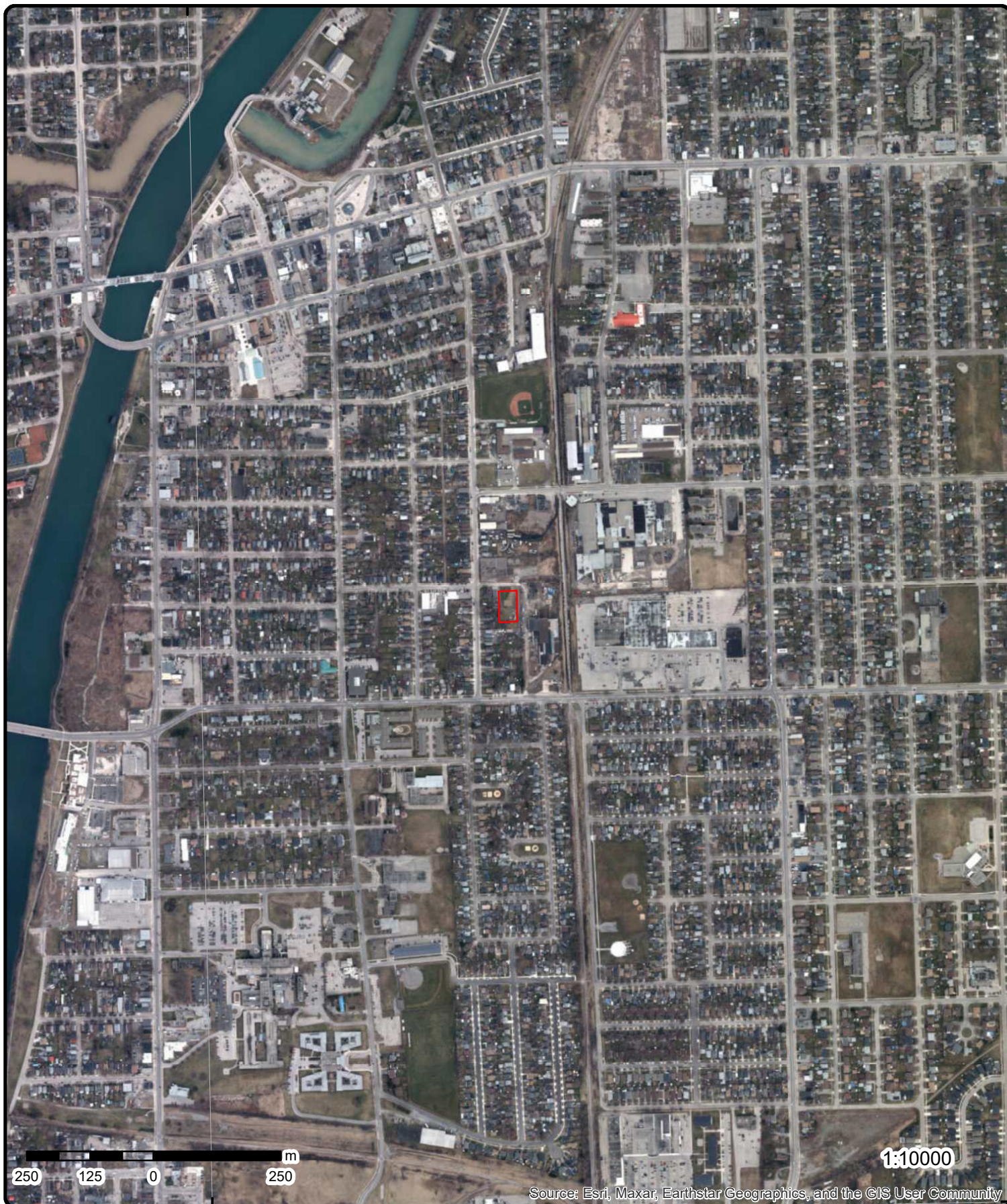
Map: 0.3 Kilometer Radius

Order Number: 23041000144

Address: 111 Victoria Street, Welland, ON



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



Aerial Year: 2020

Order Number: 23041000144

Address: 111 Victoria Street, Welland, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

79°15'W

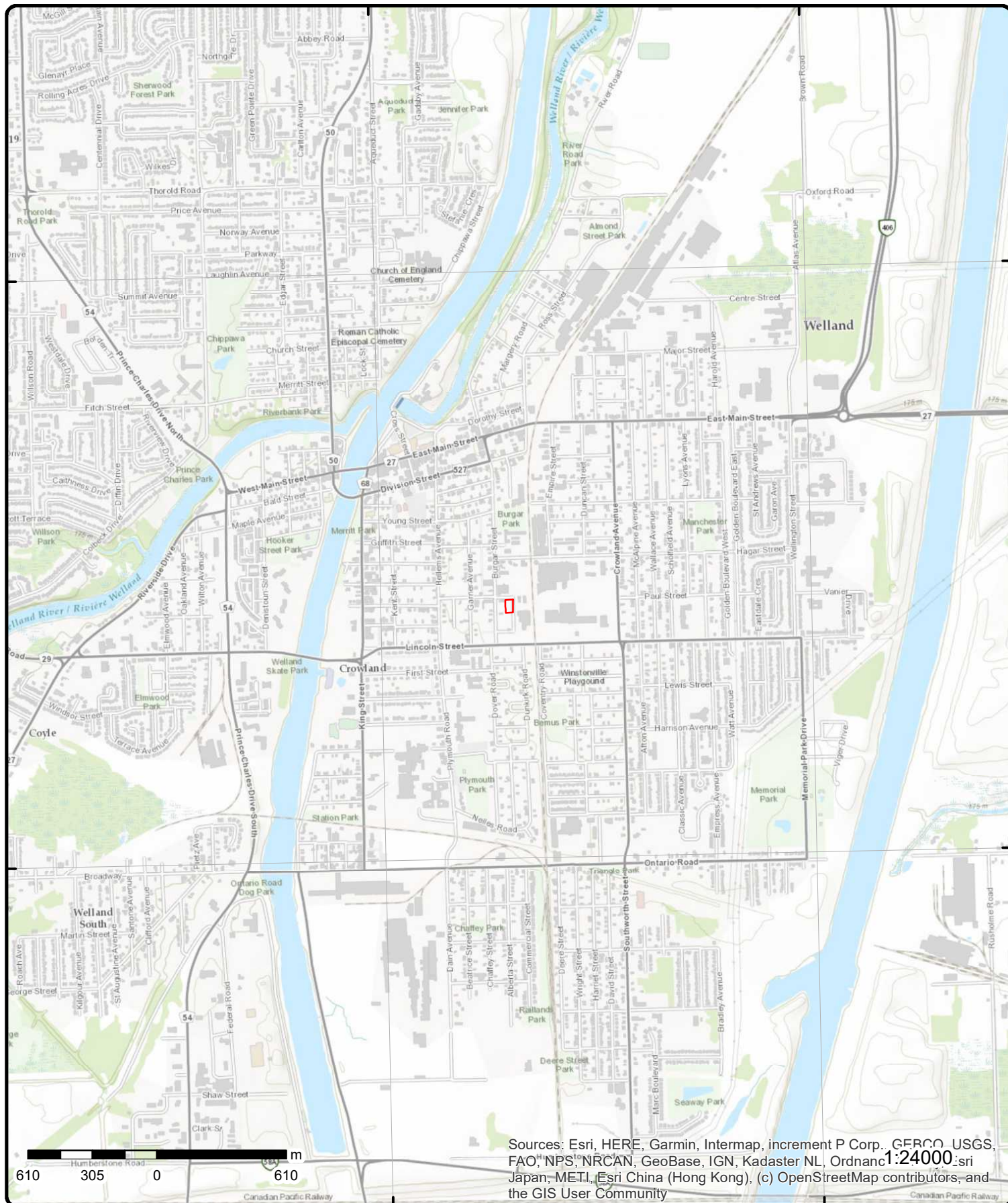
79°13'30"W

43°0'N

43°0'N

42°58'30"N

42°58'30"N



Topographic Map

Order Number: 23041000144

Address: 111 Victoria Street, ON

Source: ESRI World Topographic Map



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/0.0	179.8 / 0.00	VAUGHAN SEED COMPANY LTD. 111 VICTORIA STREET WELLAND ON	PES
Detail Licence No:				Operator Box:	
Licence No:	10147			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	
Licence Type:	Retail Vendor Class 03			Oper Phone No:	
Licence Type Code:	21			Operator Ext:	
Licence Class:	03			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					

2	1 of 1	NW/40.3	179.8 / 0.00	ON	BORE
Borehole ID:	607371			Inclin FLG:	No
OGF ID:	215509174			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JUL-1964			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	42.986225
Total Depth m:	12.2			Longitude DD:	-79.243231
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	643225
Drill Method:	Power auger			Northing:	4760782
Orig Ground Elev m:	181			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	180				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218378341			Mat Consistency:	Stiff
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Clay Silt Gravel CLAY,SILT,GRAVEL. BROWN,STIFF,JOINTED, AGE QUATERNARY. 00000020CL **Note: Many records provided by the department have a truncated [Stratum Description] field.			Geologic Formation: Geologic Group: Geologic Period: Quaternary Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: NIAGARA.txt RecordID: 060420 NTS_Sheet: 30L14G Logged by professional. Exact and complete description of material and properties.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name: NAD27 Mean Average Sea Level Universal Transverse Mercator	
3	1 of 1	W/44.2	179.8 / 0.00	ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	607372 215509175 Borehole Geotechnical/Geological Investigation APR-1970 0.9 Not Used 9.9 Ground Surface Power auger 181 180 			Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: No Initial Entry No No 42.985777 -79.243366 17 643215 4760732 Not Applicable	
Borehole Geology Stratum					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4:	218378342 0 2.2 Red Sand Gravel Fill Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: fill	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		SAND, GRAVEL, FILL, CLAY. RED.			
Geology Stratum ID:	218378343			Mat Consistency:	Hard
Top Depth:	2.2			Material Moisture:	
Bottom Depth:	9.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	Quaternary
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY, SILT, GRAVEL. BROWN, HARD, LAYERED, AGE QUATERNARY, WATER STABLE AT 591.2 FEET. 022			
**Note: Many records provided by the department have a truncated [Stratum Description] field.					
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: NIAGARA.txt RecordID: 060430 NTS_Sheet: 30L14G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
4	1 of 12	ESE/44.9	179.8 / 0.00	WARD IRONWORKS LTD 123 VICTORIA ST WELLAND ON L3B 4L9	SCT
Established:	1965				
Plant Size (ft²):	50000				
Employment:	35				
--Details--					
Description:	Material Handling Equipment Manufacturing				
SIC/NAICS Code:	333920				
Description:	All Other General-Purpose Machinery Manufacturing				
SIC/NAICS Code:	333990				
Description:	Pump and Compressor Manufacturing				
SIC/NAICS Code:	333910				
Description:	CONVEYORS AND CONVEYING EQUIPMENT				
SIC/NAICS Code:	3535				
Description:	POWER-DRIVEN HAND TOOLS				
SIC/NAICS Code:	3546				
Description:	SPECIAL INDUSTRY MACHINERY, NOT ELSEWHERE CLASSIFIED				
SIC/NAICS Code:	3559				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		AIR AND GAS COMPRESSORS			
SIC/NAICS Code:		3563			
Description:		PACKAGING MACHINERY			
SIC/NAICS Code:		3565			
Description:		GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3569			
Description:		INDUSTRIAL AND COMMERCIAL MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3599			
Description:		Machine Shops			
SIC/NAICS Code:		332710			
Description:		All Other Industrial Machinery Manufacturing			
SIC/NAICS Code:		333299			
4	2 of 12	ESE/44.9	179.8 / 0.00	Ward Industries Ltd. 123 Victoria St Welland ON L3B 4L9	SCT
Established:		1965			
Plant Size (ft²):		50000			
Employment:		35			
4	3 of 12	ESE/44.9	179.8 / 0.00	123 Victoria Street Welland ON L3B 4L9	CA
Certificate #:		4552-57JSJ2			
Application Year:		02			
Issue Date:		2/26/02			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name:		Ward Industrial Equipment Ltd.			
Client Address:		123 Victoria Street			
Client City:		Welland			
Client Postal Code:		L3B 5R3			
Project Description:		This application is for a Air Certificate of Approval for the existing paint spray booth with filter pads of the total area of 46 sq.ft., discharging emissions to the atmosphere through exhaust fan at the flow rate of 11,200 cubic feet per minute			
Contaminants:					
Emission Control:		Panel Filter			
4	4 of 12	ESE/44.9	179.8 / 0.00	Ward Industrial Equipment Ltd. 123 Victoria Street Welland Ontario L3B 5R3 Welland ON	EBR
EBR Registry No:		IA01E1650		Decision Posted:	
Ministry Ref No:		0350-54VMFT		Exception Posted:	
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		March 01, 2002		Act 2:	
Proposal Date:		November 27, 2001		Site Location Map:	
Year:		2001			
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:		Ward Industrial Equipment Ltd.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Address: Location Other: Proponent Name: Proponent Address: 123 Victoria Street, Welland Ontario, L3B 5R3 Comment Period: URL: Site Location Details: 123 Victoria Street Welland Ontario L3B 5R3 Welland					
4	5 of 12	ESE/44.9	179.8 / 0.00	WARD IRONWORKS LTD. 123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	GEN
Generator No: ON0438900 SIC Code: 3199 SIC Description: OTHER MACHINERY Approval Years: 86,87,88,89,90 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					
4	6 of 12	ESE/44.9	179.8 / 0.00	WARD IRONWORKS LTD. 41-074 123 VICTORIA ST. P.O. BOX 511 WELLAND ON L3B 4L9	GEN
Generator No: ON0438900 SIC Code: 3199 SIC Description: OTHER MACHINERY Approval Years: 92,93,94,95,96,97,98 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					
4	7 of 12	ESE/44.9	179.8 / 0.00	WARD IRONWORKS LIMITED 123 VICTORIA STREET WELLAND ON L3B 5R3	GEN
Generator No: ON0438900					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 3199 SIC Description: OTHER MACHINERY Approval Years: 99,00 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 213 Waste Class Name: PETROLEUM DISTILLATES Waste Class: 145 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					
4	8 of 12	ESE/44.9	179.8 / 0.00	WARD INDUSTRIAL EQUIPMENT LTD. 123 VICTORIA STREET WELLAND ON L3B 4L9	GEN
Generator No: ON0438900 SIC Code: 3199 SIC Description: OTHER MACHINERY Approval Years: 01,02,03,04,05,06,07,08 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 331 Waste Class Name: WASTE COMPRESSED GASES Waste Class: 114 Waste Class Name: OTHER INORGANIC ACID WASTES Waste Class: 331 Waste Class Name: WASTE COMPRESSED GASES Waste Class: 211 Waste Class Name: AROMATIC SOLVENTS Waste Class: 122 Waste Class Name: ALKALINE WASTES - OTHER METALS Waste Class: 112 Waste Class Name: ACID WASTE - HEAVY METALS Waste Class: 145 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
4	9 of 12	ESE/44.9	179.8 / 0.00	Ward Industrial Equipment Ltd. 123 Victoria St Welland ON L3B 4L9	SCT
Established:		1965			
Plant Size (ft²):		50000			
Employment:					
--Details--					
Description:		Machine Shops			
SIC/NAICS Code:		332710			
Description:		All Other Miscellaneous Fabricated Metal Product Manufacturing			
SIC/NAICS Code:		332999			
Description:		All Other Industrial Machinery Manufacturing			
SIC/NAICS Code:		333299			
Description:		Pump and Compressor Manufacturing			
SIC/NAICS Code:		333910			
Description:		Material Handling Equipment Manufacturing			
SIC/NAICS Code:		333920			
Description:		All Other General-Purpose Machinery Manufacturing			
SIC/NAICS Code:		333990			
4	10 of 12	ESE/44.9	179.8 / 0.00	Ward Industrial Equipment Ltd. 123 Victoria Street Welland ON L3B 5R3	ECA
Approval No:		4552-57JSJ2		MOE District:	Niagara
Approval Date:		2002-02-26		City:	
Status:		Approved		Longitude:	-79.249954
Record Type:		ECA		Latitude:	42.990894
Link Source:		IDS		Geometry X:	
SWP Area Name:		Niagara Peninsula		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		Ward Industrial Equipment Ltd.			
Address:		123 Victoria Street			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/0350-54VMFT-14.pdf			
PDF Site Location:					
4	11 of 12	ESE/44.9	179.8 / 0.00	Ward Industrial Equipment Inc 123 Victoria St welland ON L3B 4L9	GEN
Generator No:		ON3025255			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		145 L Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Name:		211 I Aromatic solvents and residues			
Waste Class: Waste Class Name:		211 L Aromatic solvents and residues			
4	12 of 12	ESE/44.9	179.8 / 0.00	Ward Industrial Equipment Inc 123 Victoria St welland ON L3B 4L9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3025255 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		145 L Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Name:		211 L Aromatic solvents and residues			
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Name:		211 I Aromatic solvents and residues			
5	1 of 6	NNE/48.7	179.8 / 0.00	WESTON BAKERIES LIMITED 42-519 236 BURGAR STREET WELLAND C/O 462 EASTERN AVENUE TORONTO ON L3B 2T4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON0336216 1072 BREAD & OTHER PROD. 92,93,94,95,96,97			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>5</u>	2 of 6	NNE/48.7	179.8 / 0.00	WESTON BAKERIES LIMITED 236 BURGAR STREET WELLAND ON L3B 2T4	GEN
Generator No:		ON0336216			
SIC Code:		1072			
SIC Description:		BREAD & OTHER PROD.			
Approval Years:		98			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>5</u>	3 of 6	NNE/48.7	179.8 / 0.00	236 Bugar St Welland ON L3B2T4	EHS
Order No:		20170413114		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Select Report		Client Prov/State:	ON
Report Date:		20-APR-17		Search Radius (km):	.25
Date Received:		13-APR-17		X:	-79.242269
Previous Site Name:				Y:	42.98645
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
<u>5</u>	4 of 6	NNE/48.7	179.8 / 0.00	236 Bugar Street Welland ON L3B 2T4	EHS
Order No:		21011400245		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		19-JAN-21		Search Radius (km):	.25
Date Received:		14-JAN-21		X:	-79.242281
Previous Site Name:				Y:	42.9864501

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory					
5	5 of 6	NNE/48.7	179.8 / 0.00	236 Bugar Street Welland ON L3B 2T4	EHS
Order No: 21011400245 Status: C Report Type: Standard Report Report Date: 19-JAN-21 Date Received: 14-JAN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.242281 Y: 42.9864501					
5	6 of 6	NNE/48.7	179.8 / 0.00	236 Bugar Street Welland ON L3B 2T4	EHS
Order No: 21011400245 Status: C Report Type: Standard Report Report Date: 19-JAN-21 Date Received: 14-JAN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.242281 Y: 42.9864501					
6	1 of 2	W/66.5	179.8 / 0.00	Enbridge Gas Distribution Inc. 265 Bugar Street, Welland Welland ON	SPL
Ref No: 8540-9XDJE2 Site No: NA Incident Dt: 6/11/2015 Year: Incident Cause: Leak/Break Incident Event: Environment Impact: Nature of Impact: Air MOE Response: N Dt MOE Arvl on Scn: MOE Reported Dt: 6/11/2015 Dt Document Closed: Municipality No: System Facility Address: Client Type: Call Report Location Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Operator/Human Error Incident Summary: TSSA/Enbridge: 1/2 " gasoline damage Site Region: Site Municipality: Welland Activity Preceding Spill: Property 2nd Watershed:					
Contaminant Qty: 0 other - see incident description Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Property Tertiary Watershed: Sector Type: SAC Action Class: Air Spills - Gases and Vapours Source Type: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Enbridge - 1/2" gasline<UNOFFICIAL> Site Address: 265 Bugar Street, Welland					
6	2 of 2	W/66.5	179.8 / 0.00	METROPOLITAN TORONTO HOUSING AUTHORITY AREA 4 265 BURGAR ST,,WELLAND,ON,L3B 2T5,CA ON	PINC
Incident Id: Incident No: 1661502 Incident Reported Dt: 6/11/2015 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: METROPOLITAN TORONTO HOUSING AUTHORITY AREA 4 Incident Address: 265 BURGAR ST,,WELLAND,ON,L3B 2T5,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					
7	1 of 6	W/78.4	179.8 / 0.00	Heritage Sign Builders 249 Bugar St Unit 2 Welland ON L3B 2T5	SCT
Established: 1998 Plant Size (ft²): Employment: 4 --Details-- Description: Sign Manufacturing SIC/NAICS Code: 339950					
7	2 of 6	W/78.4	179.8 / 0.00	Raymond Vezeau 249 Bugar Street Unit Unit 4 Welland Regional Municipality of Niagara L3B 2T5 CITY OF WELLAND ON	EBR
EBR Registry No: 010-5359 Decision Posted:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ministry Ref No: 0326-7LTSMU Notice Type: Instrument Decision Notice Stage: Notice Date: August 10, 2009 Proposal Date: December 05, 2008 Year: 2008 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: Raymond Vezeau Site Address: Location Other: Proponent Name: Proponent Address: 249 Bugar Street , Unit 4, Welland Ontario, Canada L3B 2T5 Comment Period: URL: Site Location Details: 249 Bugar Street Unit Unit 4 Welland Regional Municipality of Niagara L3B 2T5 CITY OF WELLAND					
7	3 of 6	W/78.4	179.8 / 0.00	Raymond Shawn Vezeau 249 Bugar St Welland ON	CA
Certificate #: 0398-7UFQ34 Application Year: 2009 Issue Date: 8/4/2009 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
7	4 of 6	W/78.4	179.8 / 0.00	Raymond Shawn Vezeau 249 Bugar St Welland ON L3B 2T5	ECA
Approval No: 0398-7UFQ34 Approval Date: 2009-08-04 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Niagara Peninsula Approval Type: ECA-AIR Project Type: AIR Business Name: Raymond Shawn Vezeau Address: 249 Bugar St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0326-7LTSMU-14.pdf PDF Site Location:					
MOE District: Niagara City: Longitude: -79.24379 Latitude: 42.985947 Geometry X: Geometry Y:					
7	5 of 6	W/78.4	179.8 / 0.00	Silver Creek Cabinetry 249 Bugar St.	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Welland ON L3B 2T5					
Generator No:	ON5208701				
SIC Code:					
SIC Description:					
Approval Years:	As of Nov 2021				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	145 H				
Waste Class Name:	Wastes from the use of pigments, coatings and paints				
7	6 of 6	W/78.4	179.8 / 0.00	Silver Creek Cabinetry 249 Burgar St. Welland ON L3B 2T5	GEN
Generator No:	ON5208701				
SIC Code:					
SIC Description:					
Approval Years:	As of Oct 2022				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	145 H				
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES				
8	1 of 1	SW/89.0	179.8 / 0.00	ON	BORE
Borehole ID:	607373			Inclin FLG:	No
OGF ID:	215509176			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	APR-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	42.984787
Total Depth m:	13			Longitude DD:	-79.243395
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	643215
Drill Method:	Power auger			Northing:	4760622
Orig Ground Elev m:	180			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	180				
Concession:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location D: Survey D: Comments:					
Borehole Geology Stratum					
Geology Stratum ID:	218378344			Mat Consistency:	Hard
Top Depth:	0			Material Moisture:	
Bottom Depth:	13			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Stones			Geologic Period:	Quaternary
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY,SAND,STONES, SILT. BROWN,HARD,VARVED, AGE QUATERNARY. 020 00000020WATER **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Idem:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: NIAGARA.txt RecordID: 060440 NTS_Sheet: 30L14G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
9	1 of 1	NNW/115.8	179.8 / 0.00	212 Bugar Street Welland ON L3B 2T4	EHS
Order No:	20180615047			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	21-JUN-18			Search Radius (km):	.25
Date Received:	15-JUN-18			X:	-79.243166
Previous Site Name:				Y:	42.98703
Lot/Building Size:					
Additional Info Ordered:					
10	1 of 1	E/119.7	179.8 / 0.00	300-390 LINCOLN ST. WELLAND ON	WWIS
Well ID:	6604877			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	13-Jul-2005 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z32361			Contractor:	7295

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		933272558			
Layer:		1			
Plug From:		0.0			
Plug To:		6.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966604877			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11341815			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930871665			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		6.599999904632568			
Casing Diameter:		5.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933413560			
Layer:		1			
Slot:		2			
Screen Top Depth:		3.299999952316284			
Screen End Depth:		6.599999904632568			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.400000095367432			
<u>Hole Diameter</u>					
Hole ID:		11547805			
Diameter:		22.0			
Depth From:		0.0			
Depth To:		10.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	11326960			Tag No:	A023404
Depth M:	30			Contractor:	7295
Year Completed:	2005			Path:	660\6604877.pdf
Well Completed Dt:	2005/06/20			Latitude:	42.9855820570803

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:		Z32361		Longitude:	-79.2409194353418
11	1 of 1	NNE/123.4	179.8 / 0.00	212 Bugar St Welland ON L3B2T4	EHS
Order No:		20150211058		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	
Report Date:		18-FEB-15		Search Radius (km):	
Date Received:		11-FEB-15		X:	
Previous Site Name:				Y:	
Lot/Building Size:					
Additional Info Ordered:					
12	1 of 3	N/126.7	179.8 / 0.00	Welland Metal Supplies Ltd. 208 Bugar St Welland ON L3B 2T4	SCT
Established:		01-AUG-34			
Plant Size (ft²):		10000			
Employment:					
--Details--					
Description:		Other Ornamental and Architectural Metal Product Manufacturing			
SIC/NAICS Code:		332329			
Description:		Cold-Rolled Steel Shape Manufacturing			
SIC/NAICS Code:		331221			
12	2 of 3	N/126.7	179.8 / 0.00	WELLAND METAL SUPPLIES LTD 208 BURGAR ST WELLAND ON L3B 2T4	SCT
Established:		1934			
Plant Size (ft²):		10000			
Employment:		7			
--Details--					
Description:		COLD-ROLLED STEEL SHEET, STRIP, AND BARS			
SIC/NAICS Code:		3316			
Description:		SHEET METAL WORK			
SIC/NAICS Code:		3444			
12	3 of 3	N/126.7	179.8 / 0.00	208 Bugar St Welland ON L3B2T4	EHS
Order No:		20161107038		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	
Report Date:		10-NOV-16		Search Radius (km):	
Date Received:		07-NOV-16		X:	
Previous Site Name:				Y:	
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	SSE/130.5	179.8 / 0.00	ON	WWIS
<div> <div> Well ID: 7277714 Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: C28914 Tag: A209811 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: WELLAND CITY (CROWLAND) Site Info: </div> <div> Flowing (Y/N): Flow Rate: Data Entry Status: Yes Data Src: Date Received: 23-Dec-2016 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 6607 Form Version: 8 Owner: County: NIAGARA (WELLAND) Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2016/11/21 Year Completed: 2016 Depth (m): Latitude: 42.9843291197871 Longitude: -79.2420087462376 Path:					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 1006318627 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 21-Nov-2016 00:00:00 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: Elevrc: Zone: 17 East83: 643329.00 North83: 4760574.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr </div> </div>					
<u>Links</u>					
Bore Hole ID: 1006318627 Depth M: Year Completed: 2016 Well Completed Dt: 2016/11/21 Audit No: C28914					
Tag No: A209811 Contractor: 6607 Path: Latitude: 42.9843291197871 Longitude: -79.2420087462376					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 31	SE/137.6	179.8 / 0.00	PETRO CANADA INC. BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0031010 0000 *** NOT DEFINED *** 86,87			
14	2 of 31	SE/137.6	179.8 / 0.00	PETRO CANADA PRODUCTS BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0031010 5111 PETROLEUM PROD., WH. 88,89,90			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			
14	3 of 31	SE/137.6	179.8 / 0.00	PETRO CANADA PRODUCTS 30-447 BULK PLANT 286 LINCOLN ST. E. WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0031010 5111 PETROLEUM PROD., WH. 92,93,94,95,96,97			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	4 of 31	SE/137.6	179.8 / 0.00	PETRO-CANADA PRODUCTS BULK PLANT 286 LINCOLN STREET EAST WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0031010 5111 PETROLEUM PROD., WH. 98 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			
14	5 of 31	SE/137.6	179.8 / 0.00	BOB GILMORE LTD. 286 LINCOLN ST. WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0037000 0000 *** NOT DEFINED *** 86,87,88,89,90,92,93,94 			
14	6 of 31	SE/137.6	179.8 / 0.00	PETRO-CANADA CENTRAL REGION BUSINESS CENTRE ATTN: WHOLESALE MARKETING ** 286 LINCOLN ST WELLAND ON L3B 4N4	FSTH
License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type:		3/1/2002 Licensed August 2007 Retail Fuel Outlet Gasoline Station - Card/Keylock			
<u>--Details--</u>					
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Diesel			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Diesel			
14	7 of 31	SE/137.6	179.8 / 0.00	PETRO-CANADA CENTRAL REGION BUSINESS CENTRE - WHOLESALE OPERATIONS ** 286 LINCOLN ST WELLAND ON L3B 4N4	FSTH
License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type:		3/1/2002 Licensed December 2008 Retail Fuel Outlet Gasoline Station - Card/Keylock			
--Details--					
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Diesel			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1992 4500 Liquid Fuel Single Wall AST - Diesel			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 2000 25000 Liquid Fuel Double Wall UST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 2000 50000 Liquid Fuel Double Wall UST - Diesel			
14	8 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND ON L3B 4N4	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: Status: Instance ID: Instance Type: Instance Creation Dt:		9605575 EXPIRED FS Facility	Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2:	8/1/1990	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date:		Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:			
		EXP	Up to May 2013		

14	9 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND ON	DTNK
--------------------	---------	----------	--------------	--	------

**Delisted Expired Fuel Safety
Facilities**

Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date:		11450714 EXPIRED 84753 FS Piping	Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:
		FS Piping	
		EXP	
		Up to Mar 2012	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	10 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 11450659 Status: EXPIRED Instance ID: 85446 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012		Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:			
14	11 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: ON3499067 SIC Code: 412110 SIC Description: Approval Years: 2011 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
14	12 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS PARTNERSHIP 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	FST
Instance No: 11611256 Status: Cont Name: Instance Type: FS Liquid Fuel Tank Item:		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Item Description: FS Liquid Fuel Tank Tank Type: Double Wall UST Install Date: 6/10/2009 Install Year: 2000 Years in Service: Model: NULL Description: Capacity: 50000 Tank Material: Fiberglass (FRP) Corrosion Protect: Fiberglass Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: FS Gasoline Station - Card/Keylock Facility Location: Device Installed Location: 286 LINCOLN ST WELLAND L3B 4N4 ON CA </div> <div> Fuel Type: Diesel Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue: </div> </div>					

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

14	13 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS PARTNERSHIP 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	FST
<div> <div> Instance No: 11611241 Status: Cont Name: Instance Type: FS Liquid Fuel Tank Item: Item Description: FS Liquid Fuel Tank Tank Type: Double Wall UST Install Date: 6/10/2009 Install Year: 2000 Years in Service: Model: NULL Description: Capacity: 25000 Tank Material: Fiberglass (FRP) Corrosion Protect: Fiberglass Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: FS Gasoline Station - Card/Keylock Facility Location: Device Installed Location: 286 LINCOLN ST WELLAND L3B 4N4 ON CA </div> <div> Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue: </div> </div>					

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

14	14 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
<div> <div> Generator No: ON3499067 SIC Code: 412110 SIC Description: Petroleum Product Wholesaler-Distributors Approval Years: 2012 PO Box No: Country: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
14	15 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3499067 412110 PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS 2013			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		2009VBS			
Original Source:		EXP			
Record Date:		31-JUL-2020			

14	17 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	DTNK
--------------------	----------	----------	--------------	--	------

Delisted Expired Fuel Safety
Facilities

Instance No:	11450696	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	286 LINCOLN ST WELLAND L3B 4N4 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/10/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 1:25:29 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	2009VBS		
Original Source:	EXP		
Record Date:	31-JUL-2020		

14	18 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	DTNK
--------------------	----------	----------	--------------	--	------

Delisted Expired Fuel Safety
Facilities

Instance No:	11450678	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	286 LINCOLN ST WELLAND L3B 4N4 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/10/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Prot Type: NULL Creation Date: 7/5/2009 1:25:29 AM Next Periodic Str DT: NULL TSSA Base Sched Cycle 2: NULL TSSAMax Hazard Rank 1: NULL TSSA Risk Based Periodic Yn: NULL TSSA Volume of Directives: NULL TSSA Periodic Exempt: NULL TSSA Statutory Interval: NULL TSSA Recd Insp Interva: NULL TSSA Recd Tolerance: NULL TSSA Program Area: NULL TSSA Program Area 2: NULL Description: 2009VBS Original Source: EXP Record Date: 31-JUL-2020					
Piping Underground: Tank Underground: Source: FS Liquid Fuel Tank					
14	19 of 31	SE/137.6	179.8 / 0.00	Suncor Energy Inc. 286 Lincoln St Welland ON L6L 6N5	ECA
Approval No: 0723-AGLS59 Approval Date: 2016-12-20 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Suncor Energy Inc. Address: 286 Lincoln St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5168-A8SRFV-14.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
14	20 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: ON3499067 SIC Code: 412110 SIC Description: PETROLEUM PRODUCT WHOLESALER-DISTRIBUTORS Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: JOHN AUSTERBERRY Choice of Contact: CO_OFFICIAL Phone No Admin: 905 469 3697 Ext. Contaminated Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 221 Waste Class Name: LIGHT FUELS					
14	21 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: ON3499067					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 412110 SIC Description: PETROLEUM PRODUCT WHOLESALE-DISTRIBUTORS Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: JOHN AUSTERBERRY Choice of Contact: CO_OFFICIAL Phone No Admin: 905 469 3697 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Name: LIGHT FUELS					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
14	22 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: ON3499067 SIC Code: 412110 SIC Description: PETROLEUM PRODUCT WHOLESALE-DISTRIBUTORS Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: JOHN AUSTERBERRY Choice of Contact: CO_OFFICIAL Phone No Admin: 905 469 3697 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Name: LIGHT FUELS					
14	23 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: ON3499067 SIC Code: SIC Description: Approval Years: As of Dec 2018 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 221 I					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Waste Class Name:		Light fuels			
Waste Class:		221 L			
Waste Class Name:		Light fuels			
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
<hr/>					
14	24 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No:		ON3499067			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		221 L			
Waste Class Name:		Light fuels			
Waste Class:		221 I			
Waste Class Name:		Light fuels			
<hr/>					
14	25 of 31	SE/137.6	179.8 / 0.00	Suncor Energy Inc. 286 Lincoln St Welland ON L6L 6N5	ECA
Approval No:	0219-AWWQHC			MOE District:	Niagara
Approval Date:	2018-04-17			City:	
Status:	Revoked and/or Replaced			Longitude:	-79.24162
Record Type:	ECA			Latitude:	42.984397
Link Source:	IDS			Geometry X:	
SWP Area Name:	Niagara Peninsula			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	Suncor Energy Inc.				
Address:	286 Lincoln St				
Full Address:					
Full PDF Link:					
PDF Site Location:					
<hr/>					
14	26 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	FST
Instance No:	11450641			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall AST			Fuel Type2:	NULL
Install Date:	6/10/2009			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	4500			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Coating			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	286 LINCOLN ST WELLAND L3B 4N4 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	SUNCOR ENERGY PRODUCTS INC				
Item:	FS LIQUID FUEL TANK				

Delisted Fuel Storage Tank

14	28 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND L3B 4N4 ON CA	FST
--------------------	----------	----------	--------------	--	-----

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Instance No:	11450678			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Diesel
Tank Type:	Liquid Fuel Single Wall AST			Fuel Type2:	NULL
Install Date:	6/10/2009			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	4500			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Coating			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	286 LINCOLN ST WELLAND L3B 4N4 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	SUNCOR ENERGY PRODUCTS INC				
Item:	FS LIQUID FUEL TANK				
14	29 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY PRODUCTS INC 286 LINCOLN ST WELLAND L3B 4N4 ON CA ON	FST
Instance No:	11450696			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Diesel
Tank Type:	Liquid Fuel Single Wall AST			Fuel Type2:	NULL
Install Date:	6/10/2009			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	4500			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Coating			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	286 LINCOLN ST WELLAND L3B 4N4 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	SUNCOR ENERGY PRODUCTS INC				
Item:	FS LIQUID FUEL TANK				
14	30 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
WELLAND ON L3B 4N4					
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3499067 As of Nov 2021 Canada Registered 			
<u>Detail(s)</u>					
Waste Class:		221 I			
Waste Class Name:		Light fuels			
Waste Class:		221 L			
Waste Class Name:		Light fuels			
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
14	31 of 31	SE/137.6	179.8 / 0.00	SUNCOR ENERGY 286 LINCOLN ST WELLAND ON L3B 4N4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3499067 As of Oct 2022 Canada Registered 			
<u>Detail(s)</u>					
Waste Class:		221 I			
Waste Class Name:		LIGHT FUELS			
Waste Class:		221 L			
Waste Class Name:		LIGHT FUELS			
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
15	1 of 1	W/139.9	179.8 / 0.00	41 Victoria Street Welland ON L3B 4L7	EHS
Order No: Status: Report Type: Report Date: Date Received:		20120918010 C Standard Report 20-SEP-12 18-SEP-12		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	
				Welland (Township Crowland) ON .25 -79.244541	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	42.985952
Lot/Building Size:					
Additional Info Ordered:				Fire Insur. Maps and/or Site Plans	
16	1 of 3	NNE/178.9	179.8 / 0.00	ARC INDUSTRIES 43 HAGER STREET WELLAND ON L3B 4J7	GEN
Generator No:		ON0290400			
SIC Code:		0000			
SIC Description:		*** NOT DEFINED ***			
Approval Years:		86,87,88,89,90,92,93,94			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
16	2 of 3	NNE/178.9	179.8 / 0.00	43 Hagar St Welland ON L3B4J7	EHS
Order No:		20170912057		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Express Report		Client Prov/State: ON	
Report Date:		12-SEP-17		Search Radius (km): .25	
Date Received:		12-SEP-17		X: -79.241392	
Previous Site Name:				Y: 42.987636	
Lot/Building Size:					
Additional Info Ordered:		City Directory			
16	3 of 3	NNE/178.9	179.8 / 0.00	10273074 CANADA CORPORATION 43 HAGAR STREET, WELLAND, ON L3B 4J7 Welland ON	RSC
RSC ID:		225320		Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:		Phase 1 and 2 RSC		Intended Prop Use: Agricultural/Other	
Curr Property Use:		Commercial		Qual Person Name: KEVIN CHRISTIAN	
Ministry District:		Niagara District Office		Stratified (Y/N):	
Filing Date:		2019/01/23		Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:					
Asmt Roll No:		27190400111150000000			
Prop ID No (PIN):		64110-0008 (LT)			
Property Municipal Address:		43 HAGAR STREET, WELLAND, ON L3B 4J7			
Mailing Address:					
Latitude & Latitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
attachmentId=107281&fileName=BROWNFIELDS-E.pdf					
<u>Document(s) Detail</u>					
Document Heading:	Supporting Documents				
Document Name:	lawyersletter.pdf				
Document Type:	Lawyer's letter consisting of a legal description of the property				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=107328&fileName=lawyersletter.pdf				
Document Heading:	Supporting Documents				
Document Name:	CPTable.pdf				
Document Type:	Table of Current and Past Property Use				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=108997&fileName=CPTable.pdf				
Document Heading:	Supporting Documents				
Document Name:	certofstatus.pdf				
Document Type:	Certificate of Status				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=107372&fileName=certofstatus.pdf				
Document Heading:	Supporting Documents				
Document Name:	Survey.pdf				
Document Type:	A Current plan of Survey				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=107285&fileName=Survey.pdf				
Document Heading:	Supporting Documents				
Document Name:	PhaseTwo.pdf				
Document Type:	Phase 2 Conceptual Site Model				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=108996&fileName=PhaseTwo.pdf				
Document Heading:	Supporting Documents				
Document Name:	transfers.pdf				
Document Type:	Copy of any deed(s), transfer(s) or other document(s)				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=107327&fileName=transfers.pdf				
Document Heading:	Supporting Documents				
Document Name:	APEC Table.pdf				
Document Type:	Area(s) of Potential Environmental Concern				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=107282&fileName=APEC+Table.pdf				

<u>17</u>	1 of 1	NE/182.0	179.8 / 0.00	ON	WWIS
Well ID:	7325286	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:		Data Entry Status:			
Use 2nd:		Data Src:			
Final Well Status:		Date Received:			
Water Type:		Selected Flag:			
Casing Material:		Abandonment Rec:			
Audit No:	C42394	Contractor:			
Tag:	A232945	Form Version:			
Constructn Method:		Owner:			
Elevation (m):		County:			
Elevatn Reliability:		Lot:			
Depth to Bedrock:		Concession:			
Well Depth:		Concession Name:			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
WELLAND CITY (CROWLAND)					
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:		2018/07/23			
Year Completed:		2018			
Depth (m):					
Latitude:		42.9874801340589			
Longitude:		-79.2413792325444			
Path:					
Bore Hole Information					
Bore Hole ID:		1007329157		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		23-Jul-2018 00:00:00		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		on Water Well Record		margin of error : 30 m - 100 m	
Elevrc Desc:				wwr	
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Links					
Bore Hole ID:		1007329157		Tag No:	
Depth M:				Contractor:	
Year Completed:		2018		Path:	
Well Completed Dt:		2018/07/23		Latitude:	
Audit No:		C42394		Longitude:	
				-79.2413792325444	
18	1 of 1	WNW/186.9	179.8 / 0.00	Garner Ave Welland ON L3B	EHS
Order No:		22092300268		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	
Report Date:		28-SEP-22		Search Radius (km):	
Date Received:		23-SEP-22		X:	
Previous Site Name:				Y:	
Lot/Building Size:				42.98678317	
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Aerial Photos			
19	1 of 1	WSW/188.3	179.8 / 0.00	CABLETECH CABLE CONTRACTORS INC 163 GARNER AVE,,WELLAND,ON,L3B 2Y1,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:		1336522		Fuel Category:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Reported Dt: 2/12/2014 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: CABLETECH CABLE CONTRACTORS INC Incident Address: 163 GARNER AVE.,WELLAND,ON,L3B 2Y1,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					

20	1 of 2	E/200.7	179.8 / 0.00	Atlas Steels WELLAND ON	WDSH
Site No.: X0067 Region: WESTCENTRAL County: NIAGARA Concession: Lot: Atlas Steels Easting: 643500 Northing: 4760500 Zone: 17 Date Closed: Status: CLOSED Classification: B2 - POTENTIAL ENVIRONMENT IMPACT-RURAL INDUSTRIAL LIQUID/HAZARDOUS WASTES %CommercialWste: n/a %DomesticWste Rec: n/a %LiquidWste Rec: n/a %HazardousWste Rec: n/a %Non-haz.Wste Rec: n/a %Sewage/Sludge Rec: n/a %Other Wste Rec: n/a					

20	2 of 2	E/200.7	179.8 / 0.00	Stelco WELLAND ON	WDSH
Site No.: X0068 Region: WESTCENTRAL County: NIAGARA Concession: Lot: Stelco Easting: 643500 Northing: 4760500 Zone: 17 Date Closed: 1972 Status: CLOSED Classification: B2 - POTENTIAL ENVIRONMENT IMPACT-RURAL INDUSTRIAL LIQUID/HAZARDOUS WASTES %CommercialWste: n/a %DomesticWste Rec: n/a %LiquidWste Rec: n/a					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
%HazardousWste Rec:		n/a			
%Non-haz.Wste Rec:		n/a			
%Sewage/Sludge Rec:		n/a			
%Other Wste Rec:		n/a			

21	1 of 1	SSW/216.8	179.8 / 0.00	ON	BORE
Borehole ID:	607375			Inclin FLG:	No
OGF ID:	215509178			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	APR-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	42.98362
Total Depth m:	8.4			Longitude DD:	-79.243673
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	643195
Drill Method:	Power auger			Northing:	4760492
Orig Ground Elev m:	180			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	180				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218378346	Mat Consistency:	
Top Depth:	0	Material Moisture:	Moist
Bottom Depth:	8.4	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Gravel	Geologic Period:	Quaternary
Material 4:	Clay	Depositional Gen:	fill
Gsc Material Description:			
Stratum Description:	FILL,SAND,GRAVEL, CLAY. BROWN,MOIST,LAYERED, AGE QUATERNARY. 020 00000020TER **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 060460 NTS_Sheet: 30L14G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Originators:		Geological Survey of Canada			
22	1 of 2	E/219.5	179.7 / -0.11	Atlas Steels Dump Welland ON L3B	ANDR
Legal Description:		Crowland Con 5 Lot 23			
Location Description:		Atlas Steels; E of CNR			
Municipality:		Welland City			
Current Municipality:		Welland City			
RM:		Niagara Region			
Facility:		Dump			
Date Active:		pre 1970			
Date Begun:					
Date Complete:					
Area (Ha):					
Landfill Type:					
Group Name:					
Operated By:		Atlas Steels			
Serial:		MOEE 0067			
NTS:		30L14			
Diameter (m):					
Historical Summary:					
Atlas Steels Dump MOEE 1994 Atlas Steels cited as a closed waste disposal site in ([Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 p. : maps. ISBN 0772984093 99). Datapoint plots to Crowland Con 5 Lot 23. 1952 NTS Map 30L14 Datapoint plots to empty ground near industrial zone. 1973 NTS Map 30L14 Datapoint plots to a shopping centre. 1976 NTS Map 30L14 Datapoint plots to a shopping centre. 1983 NTS Map 30L14 Datapoint plots to a shopping centre.					
Waste Type:		ICI wastes			
UTM X Nad 27:		643500			
UTM Y Nad 27:		4760500			
UTM Zone:		17			
22	2 of 2	E/219.5	179.7 / -0.11	Stelco Dump Welland ON L3B	ANDR
Legal Description:		Crowland Con 5 Lot 23			
Location Description:		Stelco; E of CNR			
Municipality:		Welland City			
Current Municipality:		Welland City			
RM:		Niagara Region			
Facility:		Dump			
Date Active:		1970s			
Date Begun:					
Date Complete:		1972			
Area (Ha):					
Landfill Type:					
Group Name:					
Operated By:		Stelco			
Serial:		MOEE 0068			
NTS:		30L14			
Diameter (m):					
Historical Summary:					
Stelco Dump MOEE 1994 Stelco cited as a closed waste disposal site in (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093 99). Datapoint plots to Crowland Con 5 Lot 23. 1952 NTS Map 30L14 Datapoint plots to empty ground near industrial zone. 1973 NTS Map 30L14 Datapoint plots to a shopping centre. 1976 NTS Map 30L14 Datapoint plots to a shopping centre. 1983 NTS Map 30L14 Datapoint plots to a shopping centre.					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Type:		ICI wastes			
UTM X Nad 27:		643500			
UTM Y Nad 27:		4760500			
UTM Zone:		17			

23	1 of 1	NNW/226.6	179.8 / 0.00	ON	BORE
Borehole ID:		607346	Inclin FLG:		
OGF ID:		215509149	SP Status:		
Status:			Surv Elev:		
Type:		Borehole	Piezometer:		
Use:		Geotechnical/Geological Investigation	Primary Name:		
Completion Date:		JUL-1964	Municipality:		
Static Water Level:			Lot:		
Primary Water Use:		Not Used	Township:		
Sec. Water Use:			Latitude DD:		
Total Depth m:		13.7	Longitude DD:		
Depth Ref:		Ground Surface	UTM Zone:		
Depth Elev:			Easting:		
Drill Method:		Power auger	Northing:		
Orig Ground Elev m:		181	Location Accuracy:		
Elev Reliabil Note:			Accuracy:		
DEM Ground Elev m:		181			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218378286	Mat Consistency:	Stiff
Top Depth:	0	Material Moisture:	
Bottom Depth:	13.7	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:	Gravel	Geologic Period:	Quaternary
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,GRAVEL. BROWN,STIFF,STRATIFIED, AGE QUATERNARY. 020 000000200003502 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: NIAGARA.txt RecordID: 060170 NTS_Sheet: 30L14G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Originators:		Geological Survey of Canada			
24	1 of 3	NE/235.6	179.8 / 0.00	Prime Way Companies Ltd. 125 Hagar St Welland ON L3B 5V9	SCT
Established:		01-SEP-87			
Plant Size (ft²):		10000			
Employment:					
--Details--					
Description:		Other Home Furnishings Wholesaler-Distributors			
SIC/NAICS Code:		414390			
Description:		Other New Motor Vehicle Parts and Accessories Wholesaler-Distributors			
SIC/NAICS Code:		415290			
Description:		Hardware Wholesaler-Distributors			
SIC/NAICS Code:		416330			
Description:		All Other Wholesaler-Distributors			
SIC/NAICS Code:		418990			
Description:		Hardware Wholesaler-Distributors			
SIC/NAICS Code:		416330			
24	2 of 3	NE/235.6	179.8 / 0.00	125 HAGAR ST 129 Welland ON	WWIS
Well ID:		7101681		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Monitoring		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Observation Wells		Date Received:	22-Jan-2008 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		M00218		Contractor:	6988
Tag:		A050031		Form Version:	5
Constructn Method:				Owner:	
Elevation (m):				County:	NIAGARA (WELLAND)
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		WELLAND CITY (CROWLAND)			
Site Info:					
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:		2007/09/20			
Year Completed:		2007			
Depth (m):		7.6			
Latitude:		42.9876565242241			
Longitude:		-79.2405523932508			
Path:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1002638232			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	643421.00
Code OB Desc:				North83:	476084.00
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	9
Date Completed:	20-Sep-2007 00:00:00			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002638236				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002638235				
Method Construction Code:					
Method Construction:					
Other Method Construction:	AUGER				
<u>Pipe Information</u>					
Pipe ID:	1002638237				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002638239				
Layer:					
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:	4.599999904632568				
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1002638238				
Layer:					
Slot:					
Screen Top Depth:	4.599999904632568				
Screen End Depth:	7.599999904632568				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material: Screen Depth UOM: m Screen Diameter UOM: Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc: Pump Test ID: 1002638240 Pump Set At: Static Level: 5.199999809265137 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:					
<u>Hole Diameter</u>					
Hole ID: 1002638234 Diameter: 10.199999809265137 Depth From: Depth To: 7.599999904632568 Hole Depth UOM: m Hole Diameter UOM: cm					
<u>Bore Hole Information</u>					
Bore Hole ID: 1001491998 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: No Cluster Kind: Date Completed: 20-Sep-2007 00:00:00 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: Elevrc: Zone: 17 East83: 643440.00 North83: 4760946.00 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002638245 Layer: 3 Color: 7 General Color: RED Mat1: 06 Most Common Material: SILT					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		3.0			
Formation End Depth:		7.599999904632568			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002638244			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		68			
Mat3 Desc:		DRY			
Formation Top Depth:		0.20000000298023224			
Formation End Depth:		3.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002638243			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.20000000298023224			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002638247			
Layer:		1			
Plug From:		0.6000000238418579			
Plug To:		4.199999809265137			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002638252			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002638241			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002638248			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		4.599999904632568			
Casing Diameter:		5.099999904632568			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1002638249			
Layer:		2			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		4.599999904632568			
Depth To:		7.599999904632568			
Casing Diameter:		5.099999904632568			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002638250			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002638242			
Pump Set At:					
Static Level:		5.199999809265137			
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:					
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: 1002638246 Diameter: 10.199999809265137 Depth From: 0.0 Depth To: 7.599999904632568 Hole Depth UOM: m Hole Diameter UOM: cm					
Links					
Bore Hole ID: 1001491998 Tag No: A050031 Depth M: 7.6 Contractor: 6988 Year Completed: 2007 Path: Well Completed Dt: 2007/09/20 Latitude: 42.9876565242241 Audit No: M00218 Longitude: -79.2405523932508					
24	3 of 3	NE/235.6	179.8 / 0.00	Empire Prime Developments 125 Hagar Street Welland ON L3B 5V9	GEN
Generator No: ON5214826 SIC Code: 493110 SIC Description: GENERAL WAREHOUSING AND STORAGE Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contaminated Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
25	1 of 1	NNW/261.2	179.8 / 0.00	SUSGIN CONSTRUCTION LIMITED ASHER ST./BURGAR ST. WELLAND CITY ON	CA
Certificate #: 3-1303-90- Application Year: 90 Issue Date: 7/20/1990 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
26	1 of 41	ENE/262.5	179.4 / -0.45	775457 ONTARIO INC. (NIAGARA MET. IND.) 129 HAGAR ST., LOT NOS. 44-53 WELLAND CITY ON L3B 5V9	CA
Certificate #: 8-2031-94- Application Year: 94					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		4/18/1994 Industrial air Approved			
26	2 of 41	ENE/262.5	179.4 / -0.45	ROSE CITY ATTN BRIAN MORGAN 129 HAGAR ST WELLAND ON L3B5V9	PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:		20850 retail 1994-04-30 2000 0076386531			
26	3 of 41	ENE/262.5	179.4 / -0.45	H & M CASTINGS LTD. 129 HAGAR ST WELLAND ON L3B 5V9	SCT
Established: Plant Size (ft²): Employment:		1993 6000 10			
--Details--					
Description:		GRAY AND DUCTILE IRON FOUNDRIES			
SIC/NAICS Code:		3321			
Description:		ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS, EXCEPT COPPER AND ALUMINUM			
SIC/NAICS Code:		3356			
26	4 of 41	ENE/262.5	179.4 / -0.45	RAYCON TOOL & DIE WELDING LTD. 129 HAGAR ST WELLAND ON L3B 5V9	SCT
Established: Plant Size (ft²): Employment:		1987 2700 10			
--Details--					
Description:		SPECIAL DIES & TOOLS & INDUSTRIAL MOLDS			
SIC/NAICS Code:		3544			
26	5 of 41	ENE/262.5	179.4 / -0.45	Great Lakes Coating Products 129 Hagar St Welland ON L3B 5V9	SCT
Established: Plant Size (ft²): Employment:		01-JUL-91 12000			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Paint and Coating Manufacturing			
SIC/NAICS Code:		325510			
26	6 of 41	ENE/262.5	179.4 / -0.45	Phoenix Innovations 129 Hager St Unit 1 Welland ON L3B 5V9	SCT
Established:		1990			
Plant Size (ft²):		6000			
Employment:		3			
26	7 of 41	ENE/262.5	179.4 / -0.45	Great Lakes Coating Products Inc. 129 Hager St Welland ON L3B 5V9	SCT
Established:		1991			
Plant Size (ft²):		12000			
Employment:		4			
26	8 of 41	ENE/262.5	179.4 / -0.45	129 Hager Street Welland ON L3B 5V9	CA
Certificate #:		4786-5BRVB9			
Application Year:		02			
Issue Date:		7/8/02			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name:		DomSource Inc.			
Client Address:		129 Hager Street, Area 5			
Client City:		Welland			
Client Postal Code:		L3B 5V9			
Project Description:		Exhausts for Process Heating Ovens & Comfort Heating Equipment			
Contaminants:					
Emission Control:					
26	9 of 41	ENE/262.5	179.4 / -0.45	CANADIAN TIRE CORPORATION CANADIAN TIRE ACCEPTANCE 129 HAGAR STREET WELLAND ON L3B 5V9	GEN
Generator No:		ON0049617			
SIC Code:		0000			
SIC Description:		*** NOT DEFINED ***			
Approval Years:		93,94			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
26	10 of 41	ENE/262.5	179.4 / -0.45	FRUST INTERNATIONAL CORPORATION DIV. OF FRUST MANUFACTURING CORP. 129	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
				HAGAR ST. WELLAND ON L3B 5V9	
Generator No:		ON0339301			
SIC Code:		3256			
SIC Description:		VEH. PLASTIC PARTS			
Approval Years:		90			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
 <u>Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<hr/>					
26	11 of 41	ENE/262.5	179.4 / -0.45	FRUST INTERNATIONAL CORPORATION DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR STREET WELLAND ON L3B 5V9	GEN
Generator No:		ON0339301			
SIC Code:		3256			
SIC Description:		VEH. PLASTIC PARTS			
Approval Years:		92,93,97			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
 <u>Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<hr/>					
26	12 of 41	ENE/262.5	179.4 / -0.45	FRUST INTERNATIONAL CORPORATION 15-524 DIV. OF FRUST MANUFACTURING CORP. 129 HAGAR ST. WELLAND ON L3B 5V9	GEN
Generator No:		ON0339301			
SIC Code:		3256			
SIC Description:		VEH. PLASTIC PARTS			
Approval Years:		94,95,96			
PO Box No:					
Country:					
Status:					
Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
26	13 of 41	ENE/262.5	179.4 / -0.45	FURST INTERNATIONAL (OUT OF BUSINESS) FURST MANUFACTURING CORP., A DIVISION OF 129 HAGAR STREET WELLAND ON L3B 5V9	GEN
Generator No:		ON0339301			
SIC Code:		3256			
SIC Description:		VEH. PLASTIC PARTS			
Approval Years:		98,99			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
26	14 of 41	ENE/262.5	179.4 / -0.45	CADILLAC COMPRESSORS MFG. LTD. 129 HAGAR ST. WELLAND ON L3B 5V9	GEN
Generator No:		ON0702600			
SIC Code:		0007			
SIC Description:		LETTER ACKNOWLEDG.			
Approval Years:		86,87			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
26	15 of 41	ENE/262.5	179.4 / -0.45	CADILLAC COMPRESSORS MFG. LTD. (OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	GEN
Generator No:		ON0702600			
SIC Code:		0007			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		LETTER ACKNOWLEDG. 88,89,90			
26	16 of 41	ENE/262.5	179.4 / -0.45	CADILLAC COMPRESSORS MFG. LTD. 08-267 (OUT OF BUSINESS) 129 HAGAR ST. WELLAND ON L3B 5V9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0702600 0007 LETTER ACKNOWLEDG. 92,93,94			
26	17 of 41	ENE/262.5	179.4 / -0.45	Indiana Supply Company 129 Hagar St Welland ON L3B 5V9	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code:		01-JUL-81 5000 All Other Miscellaneous Chemical Product Manufacturing 325999			
26	18 of 41	ENE/262.5	179.4 / -0.45	1322259 Ontario Inc. 129 Hagar Street Welland ON L3B 5V9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON7441045 03,04			
26	19 of 41	ENE/262.5	179.4 / -0.45	K-Line Manufacturing 129 Hagar St Welland ON L3B 5V9	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established: Plant Size (ft²): Employment:		01-JUL-94			
--Details-- Description: SIC/NAICS Code:		Coating, Engraving, Heat Treating and Allied Activities 332810			
Description: SIC/NAICS Code:		Paint and Coating Manufacturing 325510			
26	20 of 41	ENE/262.5	179.4 / -0.45	TANSHAW SANITATION INC. 129 Hagar Street Welland ON L3B 5V9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON7140462 325999 All Other Miscellaneous Chemical Product Manufacturing 05			
Detail(s)					
Waste Class: Waste Class Name:		212 ALIPHATIC SOLVENTS			
26	21 of 41	ENE/262.5	179.4 / -0.45	125-129 Hagar Street Welland ON L3B 5V9	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20070410021 C CAN - Basic Report 4/19/2007 4/10/2007 11.28 acres		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Empire Street , Crowland Avenue Regional Municipality of Niagara 0.25 -79.239753 42.986906
26	22 of 41	ENE/262.5	179.4 / -0.45	3542114 Canada Inc. 129 Hagar Street Unit #5 Welland ON L3B 5V9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility:		ON3313010 335990 All Other Electrical Equipment and Component Manuf 06			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
<u>26</u>	23 of 41	ENE/262.5	179.4 / -0.45	Welland Printing Inc. 129 Hagar St Unit 13 Welland ON L3B 5V9	SCT
Established:		9/1/1920			
Plant Size (ft²):		8000			
Employment:					
<u>--Details--</u>					
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
<u>26</u>	24 of 41	ENE/262.5	179.4 / -0.45	CRS Electronics Inc. 129 Hagar St Unit 5 Welland ON L3B 5V9	SCT
Established:		01-OCT-99			
Plant Size (ft²):					
Employment:					
<u>--Details--</u>					
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
Description:		All Other Electrical Equipment and Component Manufacturing			
SIC/NAICS Code:		335990			
Description:		Lighting Fixture Manufacturing			
SIC/NAICS Code:		335120			
Description:		All Other Electrical Equipment and Component Manufacturing			
SIC/NAICS Code:		335990			
<u>26</u>	25 of 41	ENE/262.5	179.4 / -0.45	ROSE CITY ATTN BRIAN MORGAN 129 HAGAR ST WELLAND ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:	9990705			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	
Instance ID:	399475			Facility Location:	
Instance Type:	FS Facility			Facility Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date:		Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:			
		FS Propane Refill Cntr - Cylr Fill EXP Up to Mar 2012			

[26](#)

26 of 41

ENE/262.5

179.4 / -0.45

ROSE CITY ATTN BRIAN MORGAN
129 HAGAR ST
WELLAND ON

DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date:		Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:	
11135757 EXPIRED 70898 FS Propane Tank			
		FS Propane Tank EXP Up to Mar 2012	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	27 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:					
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
26	28 of 41	ENE/262.5	179.4 / -0.45	CRS Electronics Inc. 129 Hagar St Unit 5 Welland ON	GEN
Generator No:		ON6668823			
SIC Code:		335110, 335990			
SIC Description:		ELECTRIC LAMP BULB AND PARTS MANUFACTURING, ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING			
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
26	29 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:		Adhesive Manufacturing			
Approval Years:		2012			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
26	30 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St.	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Welland ON					
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:		ADHESIVE MANUFACTURING			
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
26	31 of 41	ENE/262.5	179.4 / -0.45	Hartbridge Environmental Inc. 129 Hagar St Welland ON L2V 4M5	ECA
Approval No:		3476-9ZGJXZ		MOE District:	
Approval Date:		2015-08-18		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:		ECA-WASTE MANAGEMENT SYSTEMS			
Project Type:		WASTE MANAGEMENT SYSTEMS			
Business Name:		Hartbridge Environmental Inc.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Address:		129 Hagar St			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/5851-9VTSX9-14.pdf			
PDF Site Location:					
26	32 of 41	ENE/262.5	179.4 / -0.45	DomSource Inc. 129 Hagar Street Welland ON L3B 5V9	ECA
Approval No:		4786-5BRVB9		MOE District:	Niagara
Approval Date:		2002-07-08		City:	
Status:		Approved		Longitude:	-79.23968
Record Type:		ECA		Latitude:	42.986794
Link Source:		IDS		Geometry X:	
SWP Area Name:		Niagara Peninsula		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		DomSource Inc.			
Address:		129 Hagar Street			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/8682-5ADNAH-14.pdf			
PDF Site Location:					
26	33 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:		ADHESIVE MANUFACTURING			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Kristen KL Latulippe			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		905 714-9275 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		267			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ORGANIC ACIDS			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			

<u>26</u>	34 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:		ADHESIVE MANUFACTURING			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Kristen KL Latulippe			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		905 714-9275 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			

Detail(s)

Waste Class:	241
Waste Class Name:	HALOGENATED SOLVENTS
Waste Class:	122
Waste Class Name:	ALKALINE WASTES - OTHER METALS
Waste Class:	232
Waste Class Name:	POLYMERIC RESINS
Waste Class:	267
Waste Class Name:	ORGANIC ACIDS
Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	211
Waste Class Name:	AROMATIC SOLVENTS
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	112

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
26	35 of 41	ENE/262.5	179.4 / -0.45	CRS Electronics Inc. 129 Hagar St Unit 5 Welland ON L3B5V9	GEN
Generator No:		ON6668823			
SIC Code:		335110, 335990			
SIC Description:		ELECTRIC LAMP BULB AND PARTS MANUFACTURING, ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING			
Approval Years:		2014			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Matt Groen			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		9057889039 Ext.258			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
26	36 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:		325520			
SIC Description:		ADHESIVE MANUFACTURING			
Approval Years:		2014			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Kristen KL Latulippe			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		905 714-9275 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		122			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		232			
Waste Class Name:		POLYMERIC RESINS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		267			
Waste Class Name:		ORGANIC ACIDS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
26	37 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Name:		Acid solutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		211 I			
Waste Class Name:		Aromatic solvents and residues			
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Name:		Petroleum distillates			
Waste Class:		222 L			
Waste Class Name:		Heavy fuels			
Waste Class:		232 L			
Waste Class Name:		Polymeric resins			
Waste Class:		241 H			
Waste Class Name:		Halogenated solvents and residues			
Waste Class:		241 I			
Waste Class Name:		Halogenated solvents and residues			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
Waste Class:		262 L			
Waste Class Name:		Detergents and soaps			
Waste Class:		267 L			
Waste Class Name:		Organic acids			
26	38 of 41	ENE/262.5	179.4 / -0.45	129 Hagar Street Welland ON L3B 2L6	EHS
Order No:		20190417012		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: NY	
Report Date:		18-APR-19		Search Radius (km): .25	
Date Received:		17-APR-19		X: -79.239624	
Previous Site Name:				Y: 42.986914	
Lot/Building Size:					
Additional Info Ordered:					
26	39 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No:		ON2600277			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
Detail(s)					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Waste Class: Waste Class Name:		212 I Aliphatic solvents and residues			
Waste Class: Waste Class Name:		232 L Polymeric resins			
Waste Class: Waste Class Name:		241 H Halogenated solvents and residues			
Waste Class: Waste Class Name:		146 L Other specified inorganic sludges, slurries or solids			
Waste Class: Waste Class Name:		213 I Petroleum distillates			
Waste Class: Waste Class Name:		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class: Waste Class Name:		241 I Halogenated solvents and residues			
Waste Class: Waste Class Name:		145 I Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Name:		211 I Aromatic solvents and residues			
Waste Class: Waste Class Name:		267 L Organic acids			
Waste Class: Waste Class Name:		222 L Heavy fuels			
Waste Class: Waste Class Name:		262 L Detergents and soaps			
Waste Class: Waste Class Name:		112 C Acid solutions - containing heavy metals			
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
26	40 of 41	ENE/262.5	179.4 / -0.45	942334 Ontario Inc. 129 Hagar St. Welland ON L3B 5V9	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2600277 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		145 I Wastes from the use of pigments, coatings and paints			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		213 I Petroleum distillates			
Waste Class: Waste Class Name:		222 L Heavy fuels			
Waste Class: Waste Class Name:		211 I Aromatic solvents and residues			
Waste Class: Waste Class Name:		212 I Aliphatic solvents and residues			
Waste Class: Waste Class Name:		241 I Halogenated solvents and residues			
Waste Class: Waste Class Name:		146 L Other specified inorganic sludges, slurries or solids			
Waste Class: Waste Class Name:		232 L Polymeric resins			
Waste Class: Waste Class Name:		267 L Organic acids			
Waste Class: Waste Class Name:		112 C Acid solutions - containing heavy metals			
Waste Class: Waste Class Name:		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class: Waste Class Name:		262 L Detergents and soaps			
Waste Class: Waste Class Name:		241 H Halogenated solvents and residues			
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			

[26](#)

41 of 41

ENE/262.5

179.4 / -0.45

**Empire Prime Developments Inc.
129 Hagar St.
Welland ON L3B 5V9**

GEN

Generator No: ON6897223
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 262 L
Waste Class Name: Detergents and soaps

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		232 L			
Waste Class Name:		Polymeric resins			
27	1 of 1	N/275.8	179.8 / 0.00	100 Asher Street Welland ON L3B 4J4	EHS
Order No:		20181002164		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Site Report		Client Prov/State: ON	
Report Date:		03-OCT-18		Search Radius (km): .001	
Date Received:		02-OCT-18		X: -79.242236	
Previous Site Name:				Y: 42.9885	
Lot/Building Size:					
Additional Info Ordered:					
28	1 of 1	NNW/282.0	179.8 / 0.00	ON	BORE
Borehole ID:		607343		Inclin FLG: No	
OGF ID:		215509146		SP Status: Initial Entry	
Status:				Surv Elev: No	
Type:		Borehole		Piezometer: No	
Use:		Geotechnical/Geological Investigation		Primary Name:	
Completion Date:		JUL-1964		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:		Not Used		Township:	
Sec. Water Use:				Latitude DD: 42.988398	
Total Depth m:		9.1		Longitude DD: -79.244028	
Depth Ref:		Ground Surface		UTM Zone: 17	
Depth Elev:				Easting: 643155	
Drill Method:		Power auger		Northing: 4761022	
Orig Ground Elev m:		181		Location Accuracy:	
Elev Reliabil Note:				Accuracy: Not Applicable	
DEM Ground Elev m:		180			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218378282		Mat Consistency: Stiff	
Top Depth:		0		Material Moisture:	
Bottom Depth:		9.1		Material Texture:	
Material Color:		Brown		Non Geo Mat Type:	
Material 1:		Clay		Geologic Formation:	
Material 2:		Silt		Geologic Group:	
Material 3:		Gravel		Geologic Period: Quaternary	
Material 4:		Roots		Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY,SILT,GRAVEL, ROOTS. BROWN,STIFF,PARTINGS, AGE QUATERNARY. 00000020 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<u>Source</u>					
Source Type:		Data Survey		Source Appl: Spatial/Tabular	
Source Orig:		Geological Survey of Canada		Source Iden: 1	
Source Date:		1956-1972		Scale or Res: Varies	
Confidence:		H		Horizontal: NAD27	
Observatio:				Verticalda: Mean Average Sea Level	
Source Name:		Urban Geology Automated Information System (UGAIS)			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Details:		File: NIAGARA.txt RecordID: 060140 NTS_Sheet: 30L14G			
Confiden 1:		Logged by professional. Exact and complete description of material and properties.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
29	1 of 1	E/284.0	178.8 / -1.00	330-390 LINCOLN STREET WELLAND ON L3B 4N4	EHS
Order No:	20080722017			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	7/30/2008			Search Radius (km):	0.25
Date Received:	7/22/2008			X:	-79.238906
Previous Site Name:				Y:	42.985384
Lot/Building Size:					
Additional Info Ordered:					
30	1 of 17	E/285.8	178.8 / -1.00	SHIRLEY LEVELLE LINCOLN PLAZA SHELL 300 LINCOLN WELLAND ON L3B 4N4	PRT
Location ID:	16629				
Type:	retail				
Expiry Date:	1991-08-31				
Capacity (L):	15000				
Licence #:	0056146001				
30	2 of 17	E/285.8	178.8 / -1.00	300 Lincoln Street Welland ON L3B 4N4	CA
Certificate #:	8425-5ANTRT				
Application Year:	02				
Issue Date:	8/7/02				
Approval Type:	Industrial air				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Convergys Customer Management Canada Inc.				
Client Address:	300 Lincoln Street				
Client City:	Welland				
Client Postal Code:	L3B 4N5				
Project Description:	Standby Diesel Generator for Shopping Mall				
Contaminants:					
Emission Control:	No Controls				
30	3 of 17	E/285.8	178.8 / -1.00	COX HOME HARDWARE 300 LINCOLN ST WELLAND ON L3B 4N4	PES
Detail Licence No:	23-01-12377-0			Operator Box:	
Licence No:	12377			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Source: Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 2 District: County: 38 Trade Name: PDF URL:					
Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: 2 Operator District: Operator County: 38 Op Municipality: Post Office Box: MOE District: SWP Area Name:					
30	4 of 17	E/285.8	178.8 / -1.00	GEORGE'S HOME HARDWARE 300 LINCOLN STREET WELLAND ON L3B4N4	PES
Detail Licence No: 23-01-06408-0 Licence No: 06408 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 2 District: 1 County: 38 Trade Name: PDF URL:					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 905 Oper Phone No: 7346113 Operator Ext: Operator Lot: Oper Concession: Operator Region: 2 Operator District: 1 Operator County: 38 Op Municipality: Post Office Box: MOE District: SWP Area Name:					
30	5 of 17	E/285.8	178.8 / -1.00	SHOPPERS DRUG MART 300 LINCOLN STREET WELLAND ON L3B 4N4	GEN
Generator No: ON2530769 SIC Code: 6031 SIC Description: PHARMACIES Approval Years: 00,01 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Name: PATHOLOGICAL WASTES Waste Class: 261					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		PHARMACEUTICALS			
30	6 of 17	E/285.8	178.8 / -1.00	COX HOME HARDWARE 300 LINCOLN ST WELLAND ON L3B 4N4	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
30	7 of 17	E/285.8	178.8 / -1.00	THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702) 300 - 390 LINCOLN ST WELLAND ON L3B 4N4	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
30	8 of 17	E/285.8	178.8 / -1.00	SHIRLEY LEVELLE LINCOLN PLAZA SHELL 300 LINCOLN WELLAND ON L3B 4N4	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 9829421 Status: EXPIRED Instance ID: Instance Type: FS Facility		Expired Date: 9/1/1990 Max Hazard Rank: Facility Location: Facility Type:			

111 erisinfo.com | Environmental Risk Information Services Order No: 23041000144

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:					
Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:					
30	11 of 17	E/285.8	178.8 / -1.00	300 Lincoln St Welland ON L3B4N4	EHS
Order No: 20140618065 Status: C Report Type: No Charge Report Date: 18-JUN-14 Date Received: 18-JUN-14 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.239316 Y: 42.985372					
30	12 of 17	E/285.8	178.8 / -1.00	The Corporation of the City of Welland 300 Lincoln St 298 Simpson Avenue Welland ON L3B 3X4	ECA
Approval No: 9423-A5YN8B Approval Date: 2016-01-13 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Corporation of the City of Welland Address: 300 Lincoln St 298 Simpson Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0159-9ZYKNN-14.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
30	13 of 17	E/285.8	178.8 / -1.00	Convergys Customer Management Canada Inc. 300 Lincoln Street Welland ON L3B 4N5	ECA
Approval No: 8425-5ANTRT Approval Date: 2002-08-07 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Niagara Peninsula Approval Type: ECA-AIR Project Type: AIR Business Name: Convergys Customer Management Canada Inc. Address: 300 Lincoln Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4411-58ULK-14.pdf PDF Site Location:					
MOE District: Niagara City: Longitude: -79.23892 Latitude: 42.98509 Geometry X: Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	14 of 17	E/285.8	178.8 / -1.00	300 Lincoln Street Welland ON L3B 4N4	EHS
Order No: 20181023184 Status: C Report Type: Custom Report Report Date: 30-OCT-18 Date Received: 23-OCT-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: ON Client Prov/State: ON Search Radius (km): .1 X: -79.238902 Y: 42.985093			
30	15 of 17	E/285.8	178.8 / -1.00	COX HOME HARDWARE 300 LINCOLN ST, UNIT 19 WELLAND ON L3B4N4	PES
Detail Licence No: 23-01-12377-0 Licence No: 12377 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 2 District: County: 38 Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 905 Oper Phone No: 7346113 Operator Ext: Operator Lot: Oper Concession: Operator Region: 2 Operator District: Operator County: 38 Op Municipality: Post Office Box: MOE District: SWP Area Name:			
30	16 of 17	E/285.8	178.8 / -1.00	GEORGE'S HOME HARDWARE 300 LINCOLN STREET WELLAND ON L3B4N4	PES
Detail Licence No: Licence No: 06408 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Retail Vendor Class 03 Licence Type Code: 21 Licence Class: 03 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 905 Oper Phone No: 7346113 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
30	17 of 17	E/285.8	178.8 / -1.00	THE BARGAIN! SHOP HOLDINGS INC. (STORE #53702)	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
				300 - 390 LINCOLN ST WELLAND ON L3B4N4	
Detail Licence No:				Operator Box:	
Licence No:	15707			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	905
Licence Type:	Limited Vendor			Oper Phone No:	7323246
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
<hr/>					
31	1 of 1	SW/289.4	179.8 / 0.00	110 First Street Welland ON L3B 4S2	EHS
Order No:	20120507008			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	5/11/2012 10:18:26 AM			Search Radius (km):	0.25
Date Received:	5/7/2012 10:17:58 AM			X:	-79.245886
Previous Site Name:				Y:	42.983099
Lot/Building Size:					
Additional Info Ordered:					
<hr/>					
32	1 of 2	NE/294.1	179.8 / 0.00	CANADA FORGINGS INC 130 HAGAR ST WELLAND ON L3B 5P8	SCT
Established:	1912				
Plant Size (ft²):	0				
Employment:	130				
--Details--					
Description:	IRON AND STEEL FORGINGS				
SIC/NAICS Code:	3462				
Description:	NONFERROUS FORGINGS				
SIC/NAICS Code:	3463				
<hr/>					
32	2 of 2	NE/294.1	179.8 / 0.00	Canada Forgings Inc. 130 Hagar St Welland ON L3B 5P8	SCT
Established:	01-AUG-12				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Forging				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		332113			
Description:		Iron and Steel Mills and Ferro-Alloy Manufacturing			
SIC/NAICS Code:		331110			
33	1 of 5	NE/294.8	179.8 / 0.00	N BEDARD & Y BEDARD 162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	PRT
Location ID:		16615			
Type:		retail			
Expiry Date:		1991-09-30			
Capacity (L):		0			
Licence #:		0027593001			
33	2 of 5	NE/294.8	179.8 / 0.00	162 Empire St Welland ON L3B 2L6	SPL
Ref No:		7062-6KARMW		Contaminant Qty:	
Site No:				Nature of Damage:	
Incident Dt:		12/20/2005		Discharger Report:	0
Year:				Material Group:	Oil
Incident Cause:				Health/Env Conseq:	
Incident Event:				Agency Involved:	
Environment Impact:		Confirmed		Site Lot:	
Nature of Impact:		Soil Contamination; Surface Water Pollution		Site Conc:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Map Datum:	
MOE Reported Dt:		12/21/2005		Northing:	
Dt Document Closed:				Easting:	
Municipality No:					
System Facility Address:					
Client Type:					
Call Report Location Geodata:					
Contaminant Code:					
Contaminant Name:		GASOLINE			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Land & Water			
Receiving Environment:					
Incident Reason:					
Incident Summary:		Martin Muffler and Brake: gasoline to CB			
Site Region:					
Site Municipality:		Welland			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Service Station			
SAC Action Class:		Watercourse Spills			
Source Type:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:		Niagara			
Nearest Watercourse:					
Site Name:		Martin Muffler and Brake<UNOFFICIAL>			
Site Address:					
33	3 of 5	NE/294.8	179.8 / 0.00	162 Empire Street Welland ON L3B 2L6	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20090611022 Status: C Report Type: Custom Report Report Date: 6/22/2009 Date Received: 6/11/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Empire Street & Hagar Street Municipality: Niagara Client Prov/State: ON Search Radius (km): 0.25 X: -79.239977 Y: 42.987969					
33	4 of 5	NE/294.8	179.8 / 0.00	N BEDARD & Y BEDARD 162 EMPIRE ST & HAGAR ST WELLAND ON L3B 2L6	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 9591754 Status: EXPIRED Instance ID: Instance Type: FS Facility Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: EXP Record Date: Up to May 2013					
Expired Date: 10/23/2009 13:37 Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:					
33	5 of 5	NE/294.8	179.8 / 0.00	BDO Dunwoody Limited 162 Empire Street Welland ON L3B 2L6	GEN
Generator No: ON6760926 SIC Code: 811111 SIC Description: General Automotive Repair Approval Years: 2009 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
34	1 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 WELLAND INTERSECTION OF WELLAND & EMPIRE WELLAND ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:		332113			
SIC Description:		Forging			
Approval Years:		02,03,04,05,06			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
34	2 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	40777
Other ID:	*			Submit Date:	10/18/2004
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	23904			Contact ID:	212132
Report ID:	156438			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	SCOTT
Report Year:	2003			Cont Last Name:	NAAR
Not-Current Rpt?:	No			Contact Position:	VICE PRESIDENT
Yr of Last Filed Rpt:	2014			Contact Fax:	9057356992
Fac ID:	232498			Contact Ph.:	9057351220
Fac Name:	Open Die Plant			Cont Area Code:	905
Fac Address1:	17 Welland Avenue			Contact Tel.:	57351220
Fac Address2:				Contact Ext.:	306
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	905
Facility Lat:	42.9888			Contact Fax:	57356992
Facility Long:	-79.2408			Contact Email:	SNAAR@CANFORGE.COM
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Facility Cmnts:	False			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			Waste Streams:	True
Parent Co.:	*			No Streams:	
No Parent Co.:	1			Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	True			Shutdown:	True
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):	3321				
NAICS 4 Description:	Forging and stamping				
NAICS Code (6 digit):	332113				
NAICS 6 Description:	Forging				
 <u>Substance Release Report</u>					
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:	Carbon monoxide				
Chem (fr):	Monoxyde de carbone				
Quantity:	3.986				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
<hr/>					
34	3 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	40773
Other ID:	*			Submit Date:	6/22/2005
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	29314			Contact ID:	212132
Report ID:	83844			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	SCOTT
Report Year:	2004			Cont Last Name:	NAAR
Not-Current Rpt?:	No			Contact Position:	VICE PRESIDENT
Yr of Last Filed Rpt:	2014			Contact Fax:	9057356992
Fac ID:	232498			Contact Ph.:	9057351220
Fac Name:	Open Die Plant			Cont Area Code:	905
Fac Address1:	17 Welland Avenue			Contact Tel.:	57351220
Fac Address2:				Contact Ext.:	306
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	905
Facility Lat:	42.9888			Contact Fax:	57356992
Facility Long:	-79.2408			Contact Email:	SNAAR@CANFORGE.COM
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:	True			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	True			No Off Sites:	
Stacks:	No			Shutdown:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description: NAICS Code (4 digit): NAICS 4 Description: NAICS Code (6 digit): NAICS 6 Description:				No of Shutdown:	
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:				Carbon monoxide	
Chem (fr):				Monoxyde de carbone	
Quantity:				3.229	
Unit:				tonnes	
Basis of Estimate Cd:				E2	
Basis of Estimate Desc:				E2- Published Emission Factors - In use from 2003 and onward	
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:				Iron (and its compounds)	
Chem (fr):				Fer (et ses composés)	
Quantity:				0	
Unit:				tonnes	
Basis of Estimate Cd:					
Basis of Estimate Desc:					
34	4 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:		10971	Org ID:		40773
Other ID:		*	Submit Date:		5/30/2006
No Other ID:			Last Modified:		5/29/2015 3:28:24 PM
Track ID:		38382	Contact ID:		212132
Report ID:		99034	Cont Type:		MED
Report Type:		NPRI	Contact Title:		
Rpt Type ID:		1	Cont First Name:		SCOTT
Report Year:		2005	Cont Last Name:		NAAR
Not-Current Rpt?:		No	Contact Position:		VICE PRESIDENT
Yr of Last Filed Rpt:		2014	Contact Fax:		9057356992
Fac ID:		232498	Contact Ph.:		9057351220
Fac Name:		Open Die Plant	Cont Area Code:		905
Fac Address1:		17 Welland Avenue	Contact Tel.:		57351220
Fac Address2:			Contact Ext.:		306
Fac Postal Zip:		L3B4E3	Cont Fax Area Cde:		905
Facility Lat:		42.9888	Contact Fax:		57356992
Facility Long:		-79.2408	Contact Email:		SNAAR@CANFORGE.COM
DLS (Last Filed Rpt):			Latitude:		42.9888
Facility DLS:			Longitude:		-79.2408
Datum:		1983	UTM Zone:		
Facility Cmnts:		False	UTM Northing:		
URL:			UTM Easting:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No of Empl.:	30			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
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):		3321			
NAICS 4 Description:		Forging and stamping			
NAICS Code (6 digit):		332113			
NAICS 6 Description:		Forging			
<u>Substance Release Report</u>					
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:		Sulphur dioxide			
Chem (fr):		Dioxyde de soufre			
Quantity:		.031			
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:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		0			
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:		3.3			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
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:		PM10 - Particulate Matter <= 10 Microns			
Chem (fr):		PM10 - Matière particulaire <= 10 microns			
Quantity:		0			
Unit:		tonnes			
Basis of Estimate Cd:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	Carbon monoxide				
Chem (fr):	Monoxyde de carbone				
Quantity:	1.7				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
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:	0				
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:	Nitrogen oxides (expressed as NO2)				
Chem (fr):	Oxydes d'azote (exprimés en NO2)				
Quantity:	2.1				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
34	5 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	40773
Other ID:	*			Submit Date:	5/30/2007
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	46648			Contact ID:	229742
Report ID:	106874			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:	232498			Contact Ph.:	
Fac Name:	Open Die Plant			Cont Area Code:	
Fac Address1:	17 Welland Avenue			Contact Tel.:	
Fac Address2:				Contact Ext.:	
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	
Facility Lat:	42.9888			Contact Fax:	
Facility Long:	-79.2408			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			Waste Streams:	Trueç

122 erisinfo.com | Environmental Risk Information Services Order No: 23041000144

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
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:		PM10 - Particulate Matter <= 10 Microns			
Chem (fr):		PM10 - Matière particulaire <= 10 microns			
Quantity:		.12			
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:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		.12			
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:		ASa			
Chem:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		2.1			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
<hr/>					
34	6 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON	GEN
Generator No:		ON0379700			
SIC Code:		332113, 332710			
SIC Description:		FORGING, MACHINE SHOPS			
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		253			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
34	7 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:		10971	Org ID:		40773
Other ID:		*	Submit Date:		5/23/2008
No Other ID:			Last Modified:		5/29/2015 3:28:24 PM
Track ID:		53567	Contact ID:		229742
Report ID:		116750	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:		232498	Contact Ph.:		
Fac Name:		Open Die Plant	Cont Area Code:		
Fac Address1:		17 Welland Avenue	Contact Tel.:		
Fac Address2:			Contact Ext.:		
Fac Postal Zip:		L3B4E3	Cont Fax Area Cde:		
Facility Lat:		42.9888	Contact Fax:		
Facility Long:		-79.2408	Contact Email:		
DLS (Last Filed Rpt):			Latitude:		42.9888
Facility DLS:			Longitude:		-79.2408
Datum:		1983	UTM Zone:		
Facility Cmnts:		False	UTM Northing:		
URL:			UTM Easting:		
No of Empl.:		30	Waste Streams:		True¿
Parent Co.:		N	No Streams:		
No Parent Co.:			Waste Off Sites:		True¿
Pollut Prev Cmnts:		False	No Off Sites:		
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):		3321			
NAICS 4 Description:		Forging and stamping			
NAICS Code (6 digit):		332113			
NAICS 6 Description:		Forging			
<u>Substance Release Report</u>					
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:		.1			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta Volatile Organic Compounds (VOCs) Composés organiques volatils (COV) 3.4 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta Carbon monoxide Monoxyde de carbone 1.8 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t PM10 - Particulate Matter <= 10 Microns PM10 - Matière particulaire <= 10 microns .1 tonnes			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		13 All Media Rejets à tous les médias Total All Media<1t PM - Total Particulate Matter PM - Particules totales .1 tonnes			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta			

126 erisinfo.com | Environmental Risk Information Services Order No: 23041000144

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	Yes
No of Stacks:				No of Shutdown:	1
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):		3321			
NAICS 4 Description:		Forging and stamping			
NAICS Code (6 digit):		332113			
NAICS 6 Description:		Forging			
<u>Substance Release Report</u>					
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:		.098			
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:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		.098			
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:		3.2			
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:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		1.7			
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
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: PM10 - Particulate Matter <= 10 Microns Chem (fr): PM10 - Matière particulaire <= 10 microns Quantity: .098 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: Sulphur dioxide Chem (fr): Dioxyde de soufre Quantity: .031 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: Nitrogen oxides (expressed as NO2) Chem (fr): Oxydes d'azote (exprimés en NO2) Quantity: 2 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					
34	10 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland St Welland ON	CA
Certificate #: 4509-8ACPAL Application Year: 2010 Issue Date: 10/18/2010 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
34	11 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID: 10971 Other ID: * No Other ID: Track ID: 79354					
Org ID: 40773 Submit Date: 5/31/2010 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 229742					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report ID:	133025			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:	232498			Contact Ph.:	
Fac Name:	Open Die Plant			Cont Area Code:	
Fac Address1:	17 Welland Avenue			Contact Tel.:	
Fac Address2:				Contact Ext.:	
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	
Facility Lat:	42.9888			Contact Fax:	
Facility Long:	-79.2408			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			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:	Yes
No of Stacks:				No of Shutdown:	1
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):	3321				
NAICS 4 Description:	Forging and stamping				
NAICS Code (6 digit):	332113				
NAICS 6 Description:	Forging				
<u>Substance Release Report</u>					
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:	Sulphur dioxide				
Chem (fr):	Dioxyde de soufre				
Quantity:	.027				
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:	2.4				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Trans Code:					
Chem:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		.072			
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:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		.91			
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:		ASa			
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		6.4			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
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:		.072			
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:		PM10 - Particulate Matter <= 10 Microns			
Chem (fr):		PM10 - Matière particulaire <= 10 microns			
Quantity:		.072			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
<hr/>					
<u>34</u>	12 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	40777
Other ID:	Y			Submit Date:	6/6/2011
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	89743			Contact ID:	229742
Report ID:	143800			Cont Type:	MED

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	232498			Contact Ph.:	
Fac Name:	Open Die Plant			Cont Area Code:	
Fac Address1:	17 Welland Avenue			Contact Tel.:	
Fac Address2:				Contact Ext.:	
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	
Facility Lat:	42.9888			Contact Fax:	
Facility Long:	-79.2408			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			Waste Streams:	No
Parent Co.:	*			No Streams:	
No Parent Co.:				Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	Yes
No of Stacks:				No of Shutdown:	1
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):	3321				
NAICS 4 Description:	Forging and stamping				
NAICS Code (6 digit):	332113				
NAICS 6 Description:	Forging				
<u>Substance Release Report</u>					
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:	.048				
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:	PM10 - Particulate Matter <= 10 Microns				
Chem (fr):	PM10 - Matière particulaire <= 10 microns				
Quantity:	.048				
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:	ASa				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Chem: Volatile Organic Compounds (VOCs) Chem (fr): Composés organiques volatils (COV) Quantity: 1.6 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward 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: Sulphur dioxide Chem (fr): Dioxyde de soufre Quantity: .015 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: PM - Total Particulate Matter Chem (fr): PM - Particules totales Quantity: .048 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: Nitrogen oxides (expressed as NO2) Chem (fr): Oxydes d'azote (exprimés en NO2) Quantity: 1 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward 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: Carbon monoxide Chem (fr): Monoxyde de carbone Quantity: .84 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
34	13 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON	GEN
Generator No: ON0379700 SIC Code: 332113, 332710 SIC Description: Forging, Machine Shops Approval Years: 2009 PO Box No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
34	14 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:		10971	Org ID:		100928
Other ID:			Submit Date:		6/13/2012
No Other ID:			Last Modified:		5/29/2015 3:28:24 PM
Track ID:		100380	Contact ID:		229742
Report ID:		4370	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:		232498	Contact Ph.:		
Fac Name:		Open Die Plant	Cont Area Code:		
Fac Address1:		17 Welland Avenue	Contact Tel.:		
Fac Address2:			Contact Ext.:		
Fac Postal Zip:		L3B4E3	Cont Fax Area Cde:		
Facility Lat:		42.9888	Contact Fax:		
Facility Long:		-79.2408	Contact Email:		
DLS (Last Filed Rpt):			Latitude:		42.9888
Facility DLS:			Longitude:		-79.2408
Datum:		1983	UTM Zone:		
Facility Cmnts:			UTM Northing:		
URL:			UTM Easting:		
No of Empl.:		30	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):		3321			
NAICS 4 Description:		Forging and stamping			
NAICS Code (6 digit):		332113			
NAICS 6 Description:		Forging			
<u>Substance Release Report</u>					
Category Type ID:		1			
Category Type Desc:		Stack / Point			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		Rejets de cheminée ou ponctuels Total Air ASta Sulphur dioxide Dioxyde de soufre .023 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta PM - Total Particulate Matter PM - Particules totales .073 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta PM2.5 - Particulate Matter <= 2.5 Microns PM2,5 - Matière particulaire <= 2,5 microns .073 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta Nitrogen oxides (expressed as NO2) Oxydes d'azote (exprimés en NO2) 3.7 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta Volatile Organic Compounds (VOCs) Composés organiques volatils (COV) .21 tonnes E2 E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity:		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta PM10 - Particulate Matter <= 10 Microns PM10 - Matière particulaire <= 10 microns .073			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: Carbon monoxide Chem (fr): Monoxyde de carbone Quantity: 1.3 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					
34	15 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON	GEN
Generator No: ON0379700 SIC Code: 332113, 332710 SIC Description: Forging, Machine Shops Approval Years: 2010 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 213 Waste Class Name: PETROLEUM DISTILLATES Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS Waste Class: 253 Waste Class Name: EMULSIFIED OILS Waste Class: 212 Waste Class Name: ALIPHATIC SOLVENTS					
34	16 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON	GEN
Generator No: ON0379700 SIC Code: 332113, 332710 SIC Description: Forging, Machine Shops Approval Years: 2011 PO Box No: Country: Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
34	17 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:		332113, 332710			
SIC Description:		Forging, Machine Shops			
Approval Years:		2012			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
34	18 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	100928

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other ID:				Submit Date:	4/24/2015
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	125446			Contact ID:	229742
Report ID:	48173			Cont Type:	MEM
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:	232498			Contact Ph.:	
Fac Name:	Open Die Plant			Cont Area Code:	
Fac Address1:	17 Welland Avenue			Contact Tel.:	
Fac Address2:				Contact Ext.:	
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	
Facility Lat:	42.9888			Contact Fax:	
Facility Long:	-79.2408			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	30			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):	3321				
NAICS 4 Description:	Forging and stamping				
NAICS Code (6 digit):	332113				
NAICS 6 Description:	Forging				
 <u>Substance Release Report</u>					
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:	.084				
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:	PM10 - Particulate Matter <= 10 Microns				
Chem (fr):	PM10 - Matière particulaire <= 10 microns				
Quantity:	.085				
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: .085 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: Nitrogen oxides (expressed as NO2) Chem (fr): Oxydes d'azote (exprimés en NO2) Quantity: 4.4 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: Sulphur dioxide Chem (fr): Dioxyde de soufre Quantity: .027 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: Carbon monoxide Chem (fr): Monoxyde de carbone Quantity: 1.5 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: PM - Total Particulate Matter Chem (fr): PM - Particules totales Quantity: .085 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					
34	19 of 28	NNE/294.8	179.8 / 0.00	CANADA FORGINGS INC. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID:	10971			Org ID:	100928
Other ID:				Submit Date:	4/24/2015

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	125450			Contact ID:	229742
Report ID:	48184			Cont Type:	MEM
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:	232498			Contact Ph.:	
Fac Name:	Open Die Plant			Cont Area Code:	
Fac Address1:	17 Welland Avenue			Contact Tel.:	
Fac Address2:				Contact Ext.:	
Fac Postal Zip:	L3B4E3			Cont Fax Area Cde:	
Facility Lat:	42.9888			Contact Fax:	
Facility Long:	-79.2408			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	42.9888
Facility DLS:				Longitude:	-79.2408
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	10			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):	3321				
NAICS 4 Description:	Forging and stamping				
NAICS Code (6 digit):	332113				
NAICS 6 Description:	Forging				
<u>Substance Release Report</u>					
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:	.06				
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:	PM - Total Particulate Matter				
Chem (fr):	PM - Particules totales				
Quantity:	.051				
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type Desc (fr): Rejets de cheminée ou ponctuels Grouping: Total Air Trans Code: ASta Chem: Nitrogen oxides (expressed as NO2) Chem (fr): Oxydes d'azote (exprimés en NO2) Quantity: 2.5 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: Carbon monoxide Chem (fr): Monoxyde de carbone Quantity: .88 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: PM2.5 - Particulate Matter <= 2.5 Microns Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns Quantity: .051 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: PM10 - Particulate Matter <= 10 Microns Chem (fr): PM10 - Matière particulaire <= 10 microns Quantity: .051 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: Sulphur dioxide Chem (fr): Dioxyde de soufre Quantity: .016 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					
34	20 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland St Welland ON L3B 5P8	ECA
Approval No:	4509-8ACPAL			MOE District:	Niagara
Approval Date:	2010-10-18			City:	
Status:	Approved			Longitude:	-79.25333

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Type: ECA Link Source: IDS SWP Area Name: Niagara Peninsula Approval Type: ECA-AIR Project Type: AIR Business Name: Canada Forgings Inc. Address: 17 Welland St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5023-7QPQU3-14.pdf PDF Site Location:					
34	21 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No: ON0379700 SIC Code: 332113, 332710 SIC Description: FORGING, MACHINE SHOPS Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Bruno Skubel Choice of Contact: CO_OFFICIAL Phone No Admin: 905 735 1220 Ext.307 Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 213 Waste Class Name: PETROLEUM DISTILLATES					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
Waste Class: 212 Waste Class Name: ALIPHATIC SOLVENTS					
Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					
Waste Class: 253 Waste Class Name: EMULSIFIED OILS					
34	22 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No: ON0379700 SIC Code: 332113, 332710 SIC Description: FORGING, MACHINE SHOPS Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: Bruno Skubel Choice of Contact: CO_OFFICIAL Phone No Admin: 905 735 1220 Ext.307 Contaminated Facility: No					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
<u>34</u>	23 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:		332113, 332710			
SIC Description:		FORGING, MACHINE SHOPS			
Approval Years:		2014			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Bruno Skubel			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		905 735 1220 Ext.307			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		253			
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
<u>34</u>	24 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PO Box No: 308 Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 146 L Waste Class Name: Other specified inorganic sludges, slurries or solids					
Waste Class: 212 L Waste Class Name: Aliphatic solvents and residues					
Waste Class: 213 I Waste Class Name: Petroleum distillates					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
Waste Class: 252 L Waste Class Name: Waste crankcase oils and lubricants					
Waste Class: 253 L Waste Class Name: Emulsified oils					
34	25 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Avenue Welland ON L3B4E3	NPRI
NPRI ID: 10971 Other ID: No Other ID: Track ID: 135277 Report ID: 64532 Report Type: NPRI Rpt Type ID: 1 Report Year: 2015 Not-Current Rpt?: No Yr of Last Filed Rpt: 2014 Fac ID: 232498 Fac Name: Open Die Plant Fac Address1: 17 Welland Avenue Fac Address2: Fac Postal Zip: L3B4E3 Facility Lat: 42.9888 Facility Long: -79.2408 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: URL: No of Empl.: 10 Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description:					
Org ID: 105624 Submit Date: 3/9/2016 Last Modified: 11/18/2016 8:28:05 AM Contact ID: 242888 Cont Type: MEM Contact Title: Cont First Name: Scott Cont Last Name: Naar Contact Position: Preseident Contact Fax: 9057356992 Contact Ph.: 9057351220 Cont Area Code: 905 Contact Tel.: 57351220 Contact Ext.: 300 Cont Fax Area Cde: 905 Contact Fax: 57356992 Contact Email: naars@canforge.com Latitude: 42.9888 Longitude: -79.2408 UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
American SIC Code:					
NAICS Code (2 digit):		33			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3321			
NAICS 4 Description:		Forging and stamping			
NAICS Code (6 digit):		332113			
NAICS 6 Description:		Forging			
<u>Substance Release Report</u>					
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:		.0098			
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:		.019			
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:		1			
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:		.0098			
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):					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity: .0098 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: .17 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: 3.1 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					

34	26 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No: ON0379700 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: 308 Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 213 I Waste Class Name: Petroleum distillates Waste Class: 212 L Waste Class Name: Aliphatic solvents and residues Waste Class: 253 L Waste Class Name: Emulsified oils Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based) Waste Class: 146 L Waste Class Name: Other specified inorganic sludges, slurries or solids					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
34	27 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:					
SIC Description:					
Approval Years:		As of Nov 2021			
PO Box No:		308			
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		253 L			
Waste Class Name:		Emulsified oils			
Waste Class:		213 I			
Waste Class Name:		Petroleum distillates			
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
Waste Class:		146 L			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
34	28 of 28	NNE/294.8	179.8 / 0.00	Canada Forgings Inc. 17 Welland Street Intersection of Welland & Empire St Welland ON L3B 5P8	GEN
Generator No:		ON0379700			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:		308			
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		146 L			
Waste Class Name:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Waste Class:		213 I			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		212 L			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		253 L			
Waste Class Name:		EMULSIFIED OILS			
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252 L			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<hr/>					
<u>35</u>	1 of 3	WSW/295.5	179.8 / 0.00	370 Hellems Avenue Welland ON	EHS
Order No:	20071026018			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	CAN - Complete Report			Client Prov/State:	
Report Date:	11/5/2007			Search Radius (km):	0.25
Date Received:	10/26/2007			X:	-79.246444
Previous Site Name:				Y:	42.984258
Lot/Building Size:					
Additional Info Ordered:					
<hr/>					
<u>35</u>	2 of 3	WSW/295.5	179.8 / 0.00	370 Hellems Ave Welland ON	EHS
Order No:	20090306045			Nearest Intersection:	Lincoln St. W. with Hellems Ave
Status:	C			Municipality:	
Report Type:	Standard Select Report			Client Prov/State:	ON
Report Date:	3/17/2009			Search Radius (km):	0.25
Date Received:	3/6/2009			X:	-79.246541
Previous Site Name:				Y:	42.984183
Lot/Building Size:					
Additional Info Ordered:	Title Searches; Aerials Photos; City Directory				
<hr/>					
<u>35</u>	3 of 3	WSW/295.5	179.8 / 0.00	1650702 Ontario Inc. 370 HELLEMS AVE, WELLAND, ON, L3B 3C3 WELLAND ON L3B 3C3	RSC
RSC ID:	53317			Cert Date:	23-Apr-09
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:	Commercial			Qual Person Name:	Mike Hassani
Ministry District:	WELLAND			Stratified (Y/N):	
Filing Date:	25-Aug-09			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	6 to 10 meters
Restoration Type:				Telephone:	905-8925094
Soil Type:				Fax:	905-8929523
Criteria:				Email:	shorthills@cogeco.net
CPU Issued Sect 1686:	No				
Asmt Roll No:	2719 040 011 08200				
Prop ID No (PIN):	64109-0189 (LT)				
Property Municipal Address:	370 HELLEMS AVE, WELLAND, ON, L3B 3C3				
Mailing Address:	1532 PELHAM ST N, FONTHILL, ON, L0S 1E3				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude & UTM Coordinates:		42.98453390N 79.24655330W (converted from UTM) NAD83 17-642958-4760589			
Consultant:					
Legal Desc:		PT LOTS 17, 19, 20 & 21 PL 573; LT 18 PL 573; PT BURTON LANE PL 573 (AS CLOSED BYLAW BB35051); PT UNIVERSITY LANE PL 573 (AS CLOSED BYLAW BB35051) ; ALL BEING PTS 2, 3 & 5 ON 59R5112; S/T & T/W R0747237; WELLAND			
Measurement Method:		Digitized from a satellite image			
Applicable Standards:		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use			
RSC PDF:					

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
----	------------------------	---------	------	--------

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-May 31, 2022

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2021

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-May 31, 2022

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 -Sep 2022

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-Feb 2023

Certificates of Property Use:Provincial [CPU](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Feb 28, 2023

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Oct 2022

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

Government Publication Date: Oct 2011- Feb 28, 2023

Environmental Registry:

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Feb 28, 2023

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Feb 28, 2023

Environmental Effects Monitoring:

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Dec 31, 2022

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities:

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal

FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Dec 2022

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2023

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2021

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

[NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

[NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Nov 30, 2022**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2021**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Feb 28, 2023**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Feb 28, 2023

Pipeline Incidents:

Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Feb 28, 2023

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2020

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-Feb 2023

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Mar 2021; May 2021-Oct 2021

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Feb 28, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30th, 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: Jun 30 2022

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.

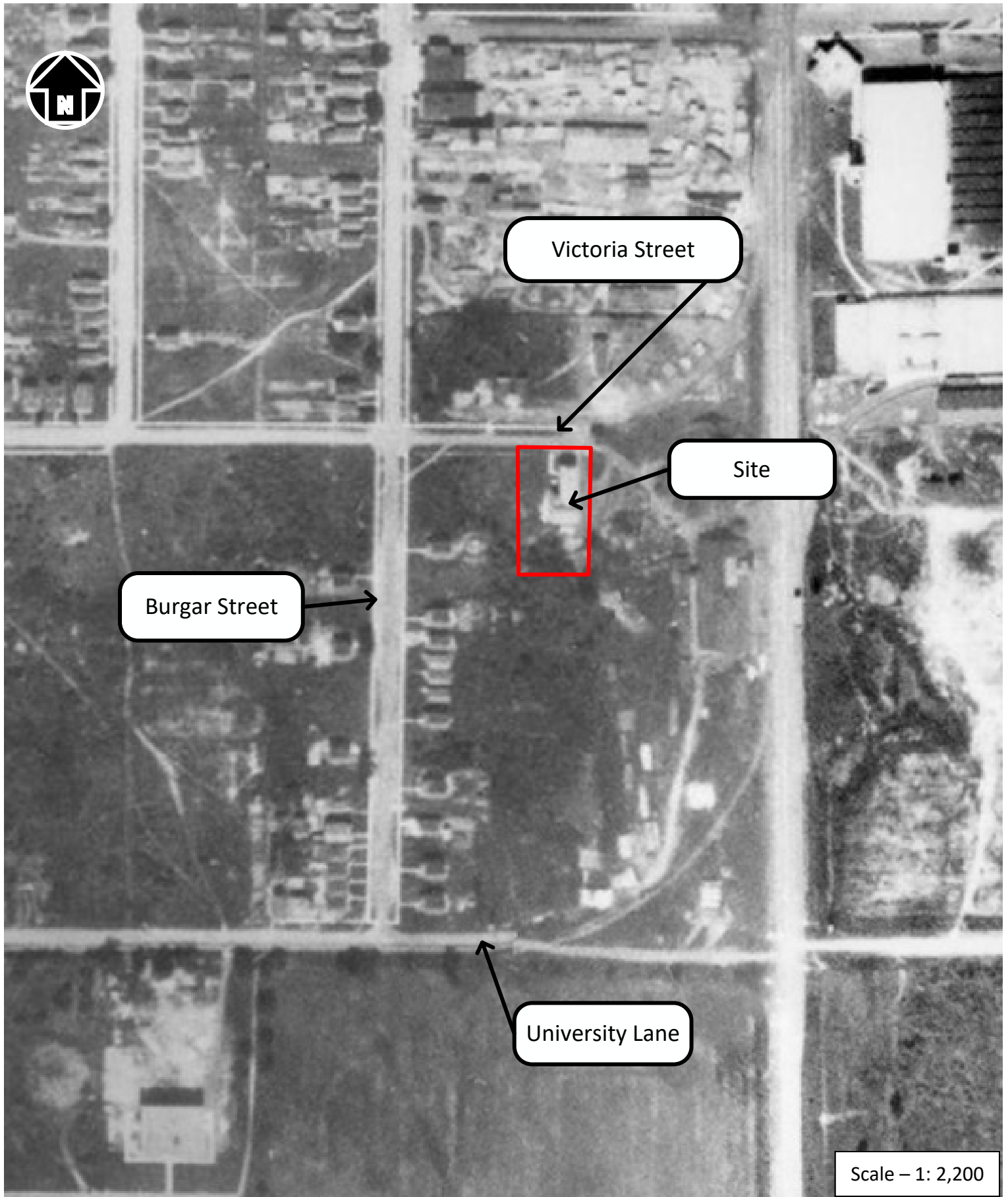
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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.

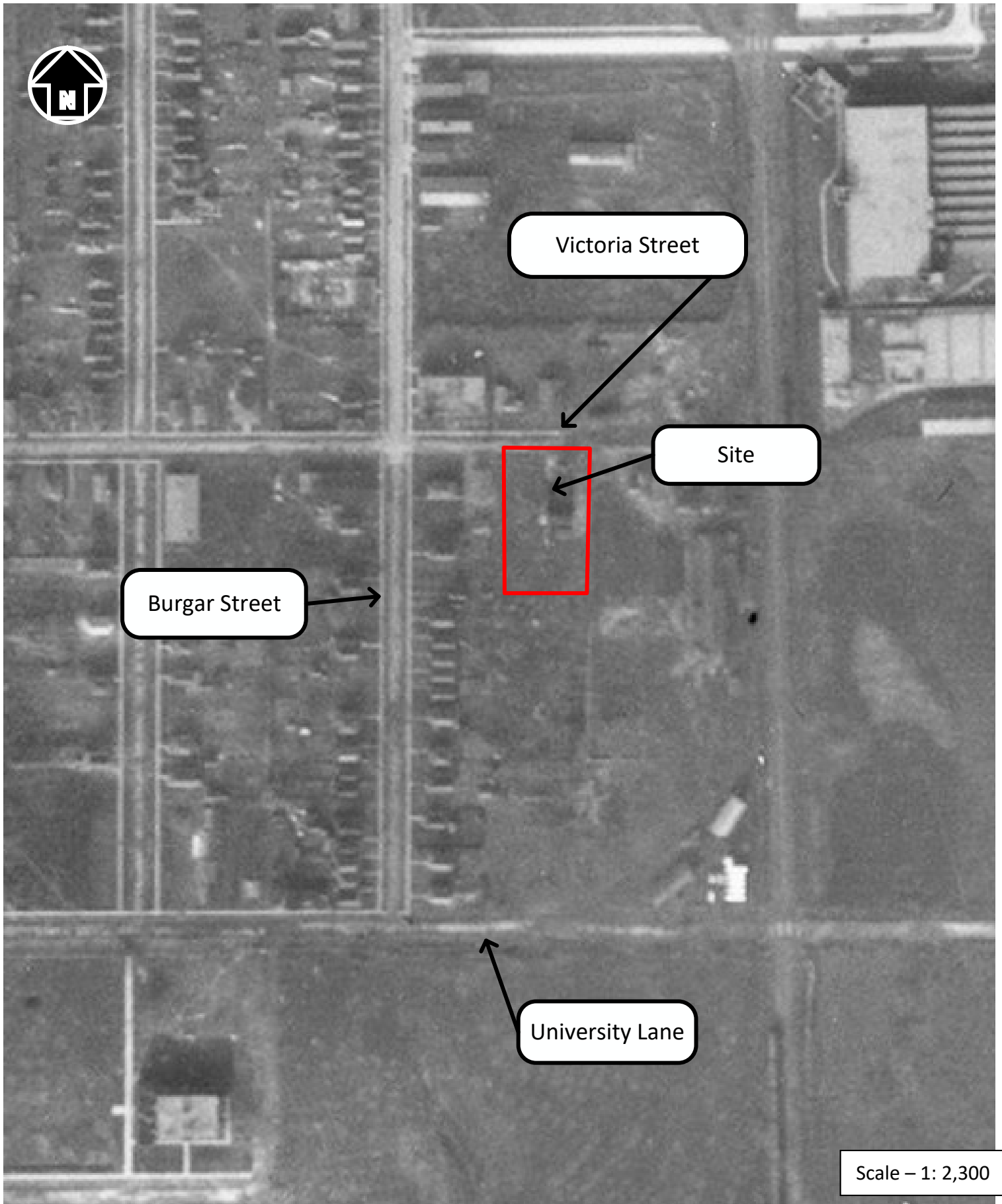
Appendix 'G'

1. 1921 Aerial Photograph;
2. 1934 Aerial Photograph;
3. 1948 Aerial Photograph;
4. 1955 Aerial Photograph;
5. 1968 Aerial Photograph;
6. 1971 Aerial Photograph;
7. 2000 Aerial Photograph;
8. 2010 Aerial Photograph, and;
9. 2018 Aerial Photograph.

Aerial Photo – 1921



Aerial Photo – 1934



Aerial Photo – 1948



Aerial Photo – 1955



Aerial Photo – 1968



Aerial Photo – 1971



Aerial Photo – 2000



Victoria Street

Site

Bugar Street

University Lane

Scale – 1: 2,500

Aerial Photo – 2010



Aerial Photo – 2018



Victoria Street

Site

Burgar Street

University Lane

Scale – 1: 2,500

Appendix 'H'

1. 1907 Topographic Map;
2. 1923 Topographic Map;
3. 1929 Topographic Map;
4. 1938 Topographic Map;
5. 1964 Topographic Map;
6. 1973 Topographic Map, and;
7. 2022 Topographic Map;



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland, Ontario.
3. Base map provided by: Department of Militia and Defense, 1907, Sheet No. 6.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1907

PROJECT No. SM 230169-E

SCALE 1: 63,360

DATE April 2023

CHECKED PM

DRAWN SD

FILE NAME
230056 Topo 1907.vsd

DRAWING No. 4A



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland, Ontario.
3. Base map provided by: Department of National Defense, 1923, Sheet 6 30L/14.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1923

PROJECT No. SM 230169-E

SCALE 1: 63,360

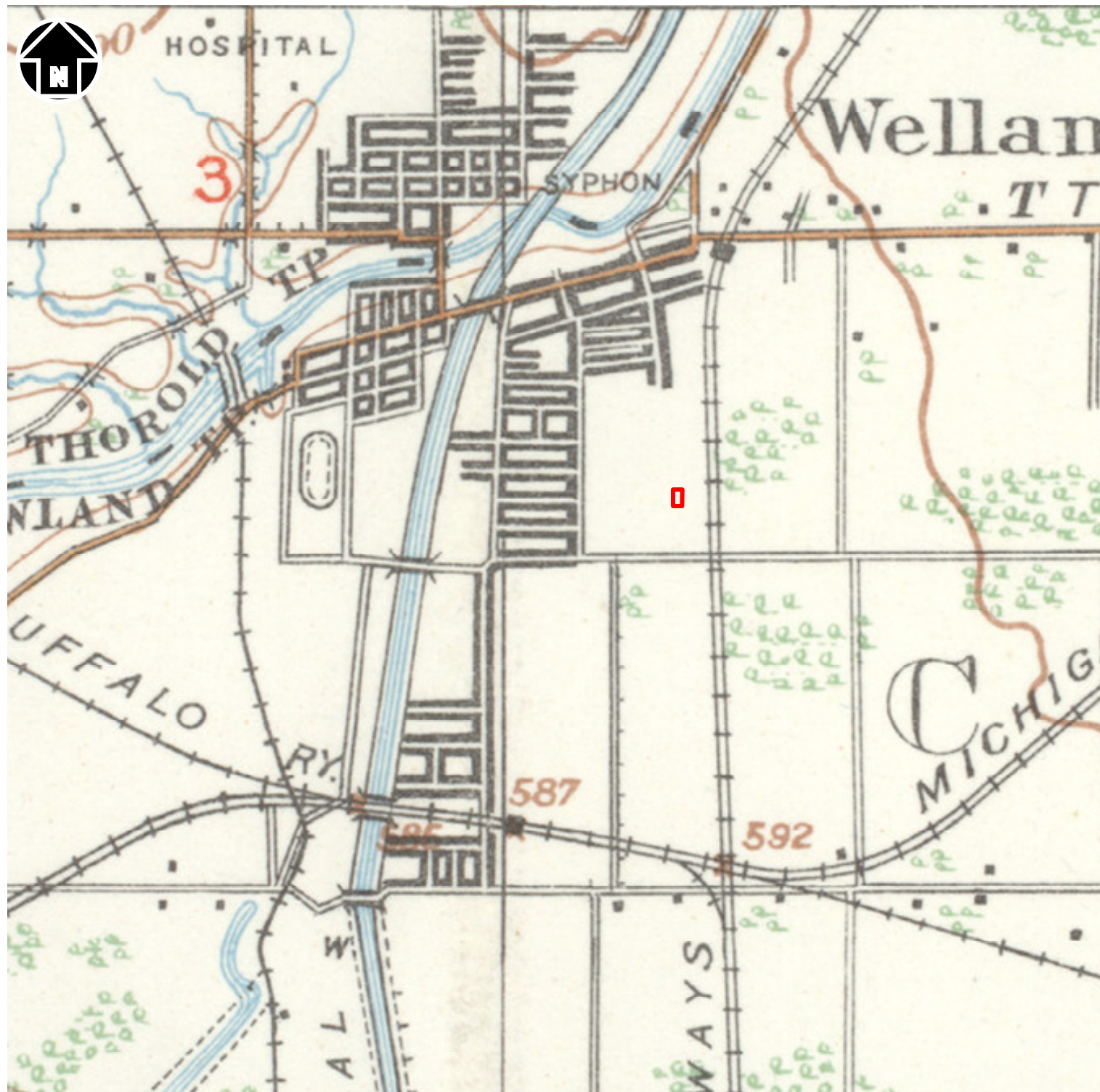
DATE April 2023

CHECKED PM

DRAWN SD

FILE NAME
230056 Topo 1923.vsd

DRAWING No. 4B



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland, Ontario.
3. Base map provided by: Department of National Defense, 1929, Sheet 6 30L 14.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1929

PROJECT No. SM 230169-E

SCALE 1: 63,360

DATE April 2023

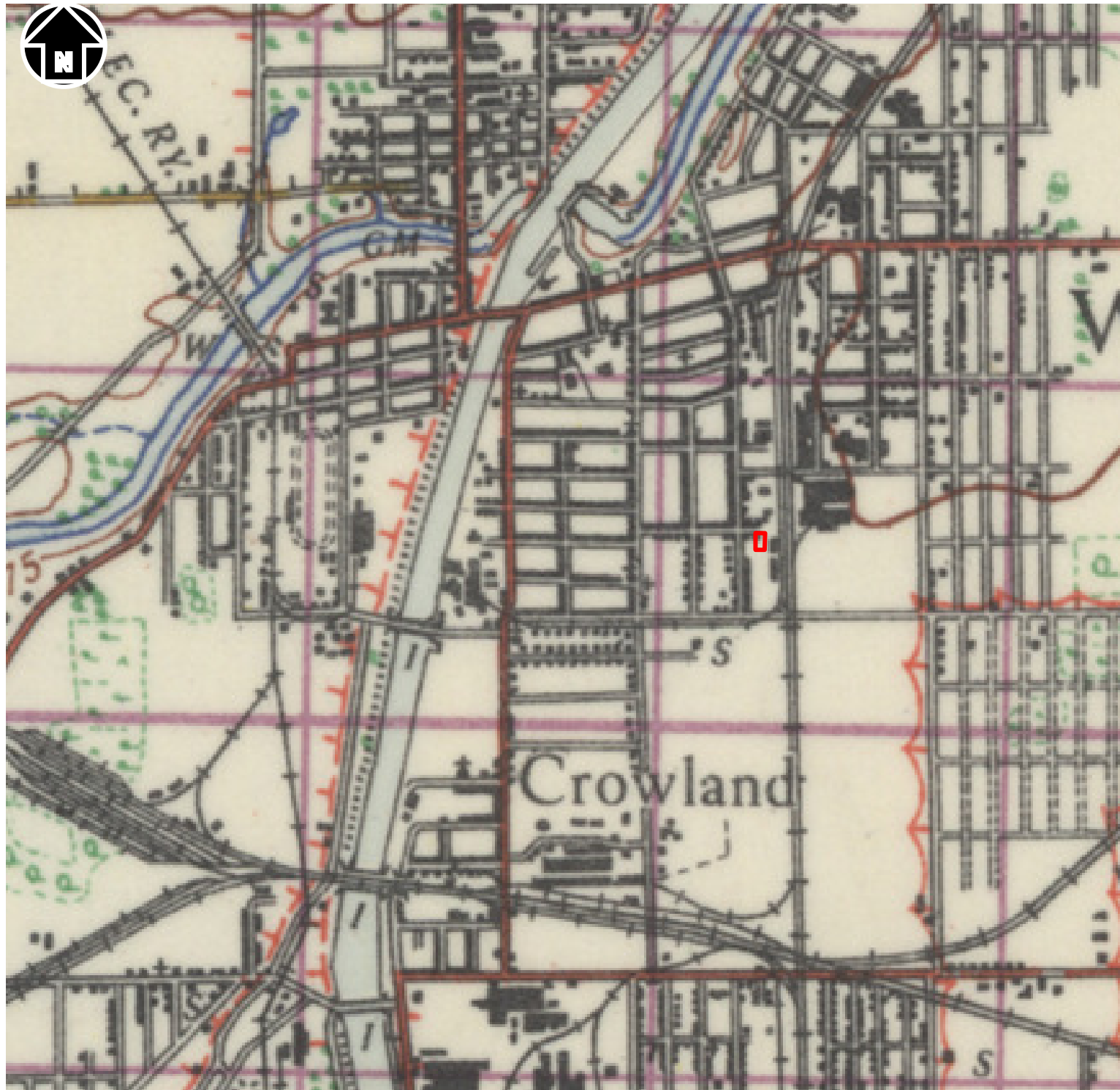
CHECKED PM

DRAWN SD

FILE NAME

230056 Topo 1929.vsd

DRAWING No. 4C



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland, Ontario.
3. Base map provided by: Department of National Defense, 1938, Sheet 30L/4.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1938

PROJECT No. SM 230169-E

SCALE 1: 63,360

DATE April 2023

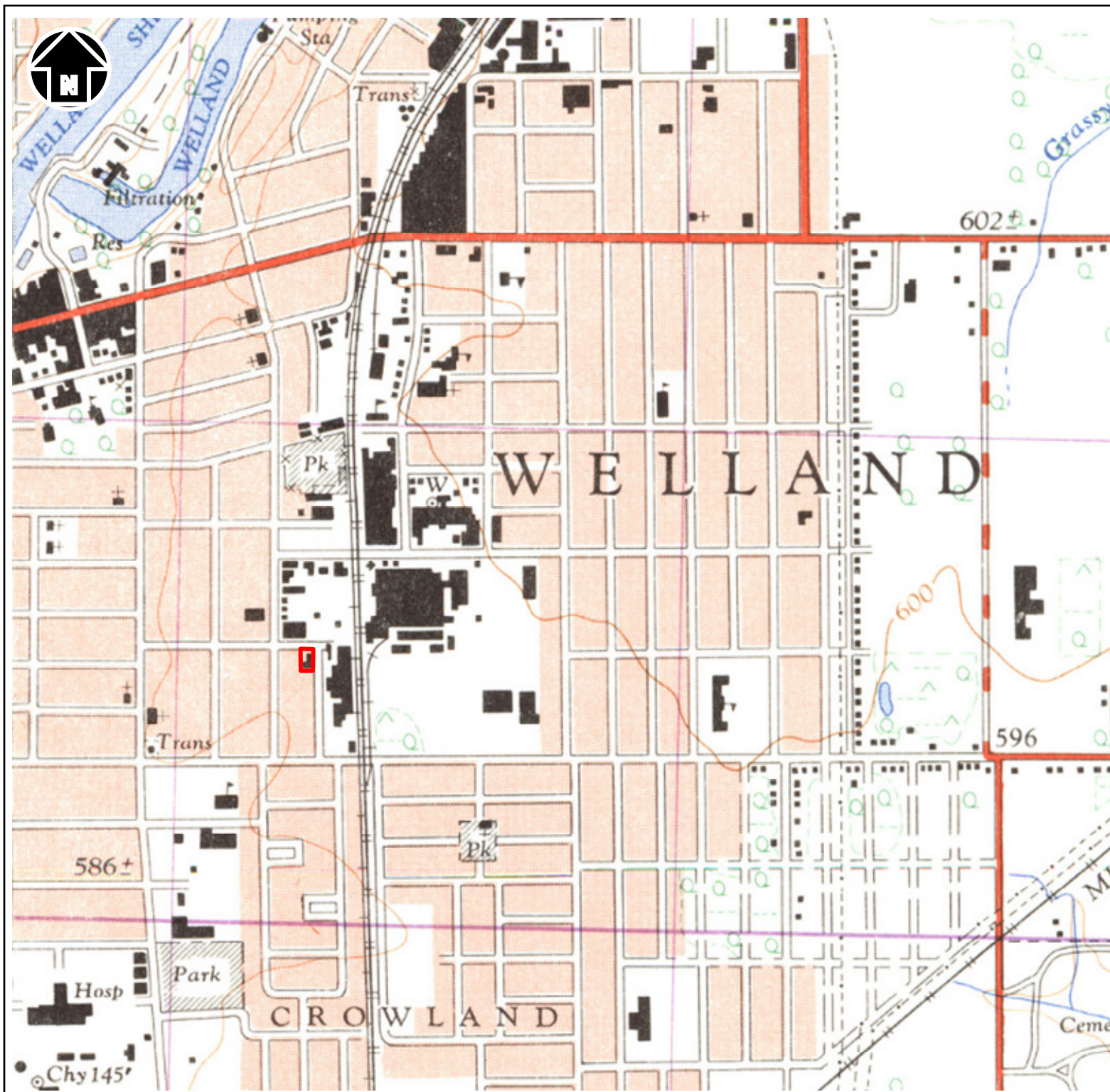
CHECKED PM

DRAWN SD

FILE NAME

230056 Topo 1938.vsd

DRAWING No. 4D



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland Junction, Ontario.
3. Base map provided by: Army Survey Establishment, 1964, 30 L/14.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1964

PROJECT No. SM 230169-E

SCALE 1: 25,000

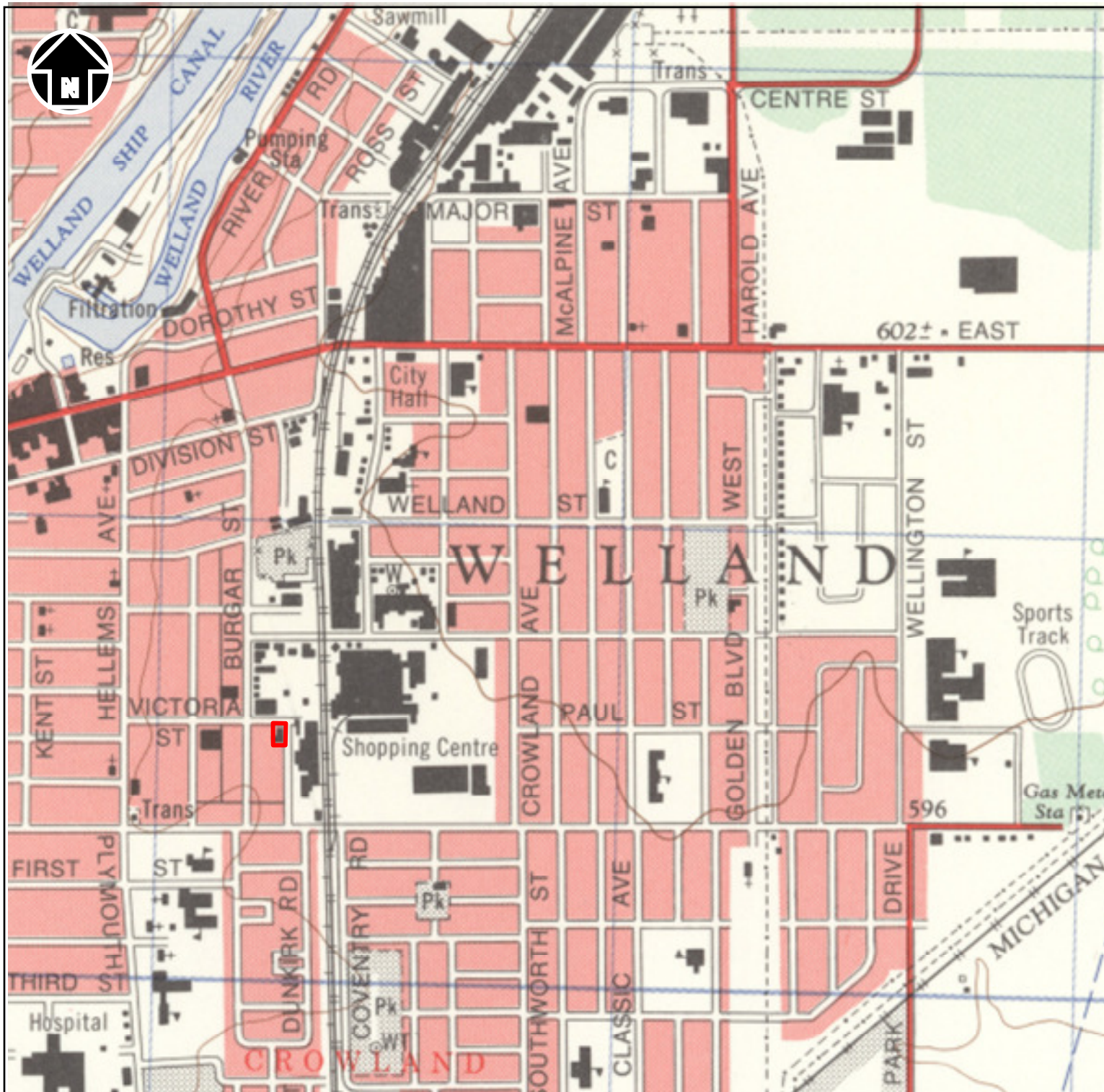
DATE April 2023

CHECKED PM

DRAWN SD

FILE NAME
230056 Topo 1964.vsd

DRAWING No. 4E



LEGEND



= Site Boundary

NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Welland Junction, Ontario.
3. Base map provided by: Department of Energy, Mines and Resources, 1973, 30 L/14.

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 1973

PROJECT No. SM 230169-E

SCALE 1: 25,000

DATE April 2023

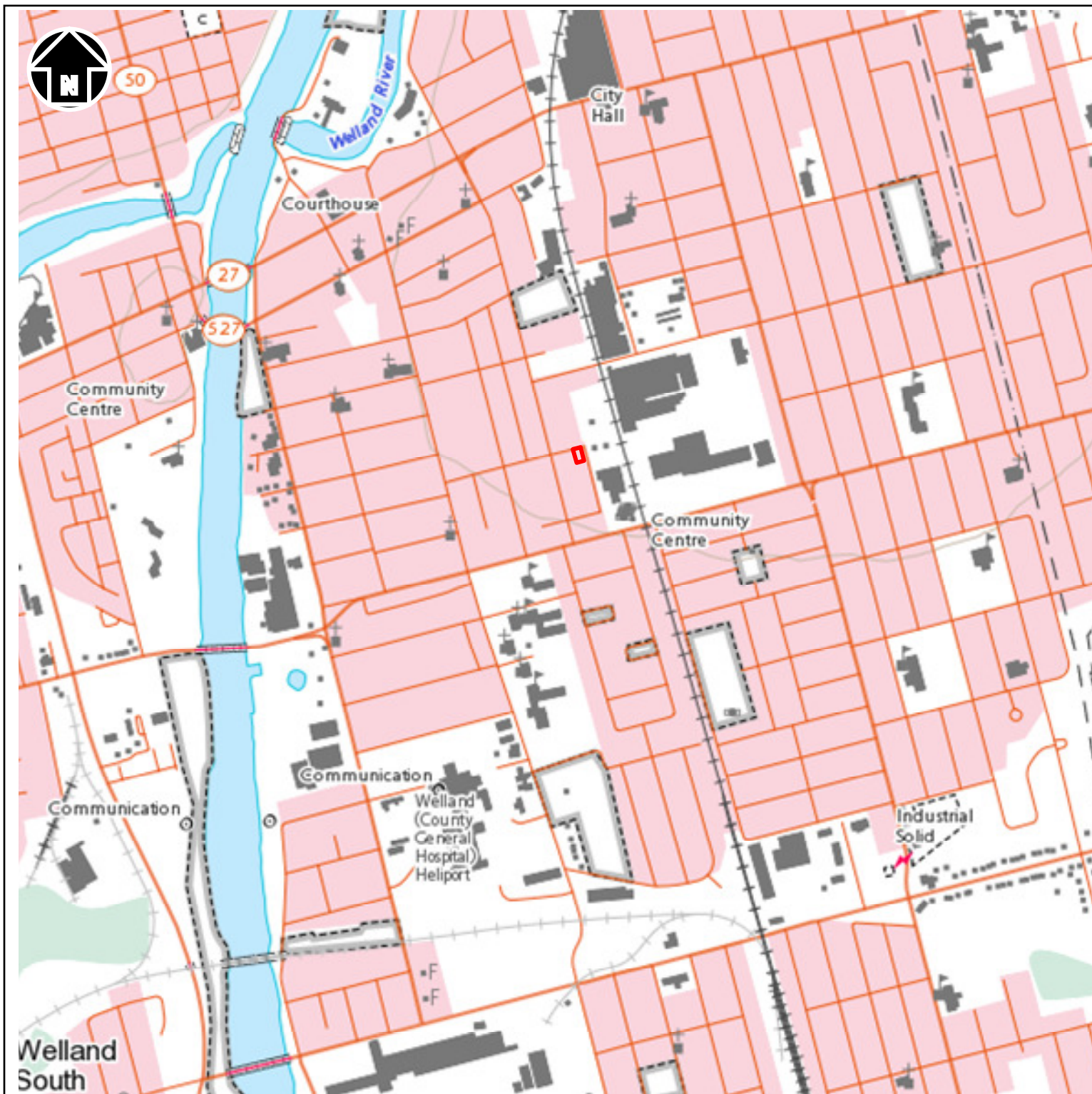
CHECKED PM

DRAWN SD

FILE NAME

230056 Topo 1973.vsd

DRAWING No. 4F



LEGEND



NOTES:

1. This drawing should be read in conjunction with Soil-Mat Engineers and Consultants Ltd. Report No.: SM 230169-E
2. Topographic Map of Ontario
3. Base map provided by: <https://atlas.gc.ca/toporama/en/index.html>

Soil-Mat

Engineers & Consultants Ltd.

CLIENT

DEHAM CANADA INC.

PROJECT TITLE

Phase One Environmental Site Assessment
111 Victoria Street
Welland, Ontario

DRAWING TITLE

Topographic Map 2022

PROJECT No. SM 230169-E

SCALE 1: 10,000

DATE April 2023

CHECKED PM

DRAWN SD

FILE NAME
230056 Topo 2022.vsd

DRAWING No. 4A

Appendix 'I'

1. Table of Current and Past Uses

111 Victoria Street, Welland

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
2022 to present	Deham Canada Inc.	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> A topographic map from 2022 illustrates the Phase One Property as developed land.
2009 to 2022	1597037 Ontario Inc.	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> Arial photographs from 2010 and 2018 illustrate the Phase One Property as a vacant lot.
2008 to 2009	Kevin Gayadeen & Henry Virasmi	The Phase One Property was comprised of vacant, grass covered land.	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
2006 to 2008	Joanne Koudys	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
2002 to 2006	Susan Fieldman	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
2001 to 2002	Evelyn Pilsmaker	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1998 to 2001	Peter Typer	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> An arial photograph from 2000 illustrates a structure and a detached garage on the Phase One Property.
1987 to 1998	Jennie Roberto	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1909 to 1987	Marshall Vaughan	The Phase One Property was occupied by a commercial use building [The Vaughan Seed Company]	Commercial	<ul style="list-style-type: none"> Fire insurance plans from 1916 and 1944 illustrate a structure and a detached garage on the northern portion of the Phase One Property. A Topographic map from 1907 illustrates the Site as vacant land. Topographic maps from 1923, 1929, 1964 and 1973 illustrate a building on the Site. Arial photographs from 1921, 1934, 1948, 1955, 1968, and 1971 illustrate the Site as developed land with a structure on the Phase One Property.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1906 to 1909	O. H. Garner	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1870 to 1906	Alexander Asher	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1859 to 1870	William Lowell	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1854 to 1859	Duncan McFarland	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1836 to 1854	John Donaldion & Duncan McFarland	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1819 to 1836	Mary Ann Mettis	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1809 to 1819	William Dickins	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1806 to 1809	Roland Hamilton	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
1796 to 1806	Thomas Welch	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.
Up to 1796	Crown	The Phase One Property was comprised of undeveloped lands	Agriculture or Other	<ul style="list-style-type: none"> There were no readily available visual aids for the Phase One Property for this time period.

Appendix 'J'

1. Phase One Conceptual Site Model;

Conceptual Site Model Notes

CSM Off-Site Property Number	Current Occupant	Potential Contaminating Activity	Contaminants of Potential Concern	Qualified Person Specific Comments
1	Marcel's Variety	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
2	Niagara Barbershop	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Tuanis Baked Goods	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Select Water Company	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Avenue Locksmith	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
3	Niagara Peninsula Homes	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
4	Silver Creek Cabinetry	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
5	Lynn's Pet Centre	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
6	JT Fabrication	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 30 metres east of the Site. Although this property is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction, given the proximity of the property to the Site, there may be an adverse environmental impact to the Site from this property.
	Ward Industrial Equipment Inc.	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 30 metres east of the Site. Although this property is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction, given the proximity of the property to the Site, there may be an adverse environmental impact to the Site from this property.

CSM Off-Site Property Number	Current Occupant	Potential Contaminating Activity	Contaminants of Potential Concern	Qualified Person Specific Comments
7	Petro Pass Truck Stop	Yes	PHCs & BTEX	This operation is located approximately 130 metres south-southeast of the Site and is located trans-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
8	No Frills	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Vape Escapes	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Crunch Fitness	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
	Tim Hortons	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
	Little Caesars	None	Not Applicable	Operations are limited to retail commercial services that are not considered potential contaminating activities.
9	K-Line Manufacturing	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 230 metres northeast of the Site and is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
	A Team Plastics	Yes	PHCs, VOCs & BTEX	This operation is located approximately 230 metres northeast of the Site and is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
	DnA Car Service	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 230 metres northeast of the Site and is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
	Top Dawgs Fitness	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
	AAA Steam Carpet Cleaning	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
10	Vacant [formerly a Bread Factory]	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
11	Jimmy D's Auto Repair	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 120 metres north of the Site and is located trans-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.

CSM Off-Site Property Number	Current Occupant	Potential Contaminating Activity	Contaminants of Potential Concern	Qualified Person Specific Comments
12	Welland Metal Supplies Ltd.	Yes	Metals, PHCs, VOCs, BTEX	This operation is located approximately 130 metres north of the Site and is located trans-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
13	Welders Service Inc.	Yes	Metals, PHCs, VOCs, BTEX	This operation is located approximately 140 metres north of the Site and is located trans-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
14	Digital Detail	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
15	JR's Service Centre	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 170 metres north of the Site and is located trans-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
16	Welland Packaging & Assembling	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
17	Burgar Street Laundry	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
18	Burgar Park Storage	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
19	CanForge	Yes	Metals, PHCs, VOCs, ABNs, PAHs & BTEX	This operation is located approximately 270 metres northeast of the Site and is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
20	Gil's Auto	Yes	Metals, PHCs, VOCs, PAHs & BTEX	This operation is located approximately 300 metres northeast of the Site and is located down-gradient to the Site with respect to the inferred local and regional groundwater flow direction. Based on the above this property is not considered a significant environmental liability to the Phase One Property.
21	Canada Forgings Inc. [Office]	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
22	Small Storage Incorporated	None	Not Applicable	Operations are limited to commercial services that are not considered potential contaminating activities.
23	Holy Trinity Orthodox Church	None	Not Applicable	Operations are limited to institutional services that are not considered potential contaminating activities.
24	Plymouth Public School	None	Not Applicable	Operations are limited to institutional services that are not considered potential contaminating activities.

SUPPORTING INFORMATION TO SATISFY TABLE 1, SCHEDULE D, PART VI OF THE RSC REGULATION

1. Based on the findings of the Phase One ESA, three [3] potentially contaminating activities [PCAs] were identified on the Phase One ESA property and two [2] PCAs were identified in the Phase One ESA Study Area. The remaining properties located in the Phase One ESA Study Area were not considered significant environmental liabilities to the Property. The on-site PCA is listed below in Table format.

The Phase One ESA property is illustrated on the attached Drawing No.: 1. The APEC associated with the PCA on the Property is illustrated on the attached Drawing No.: 1A.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern in Phase One ESA Study Area	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC #1	The centre of the Phase One Property	30. Importation of Fill Material of Unknown Quality	On-Site	Metals, PHCs and BTEX	Soil
		40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals and Inorganics, OCs	Soil and groundwater
		Other. Incomplete Combustion of Organic Matter	On-Site	Metals, PHCs, BTEX, VOCs and PAHs	Soil
APEC #2	The eastern property line	32.Iron and Steel Manufacturing and Processing	Off-Site	Metals and Inorganics. PHCs, BTEX and VOCs	Soil and groundwater
		34. Metal Fabrication	Off-Site	Metals and Inorganics, PHCs, BTEX and VOCs	Soil and groundwater
Notes: APEC = area of potential environmental concern, PCA = potential contaminating activity, COPCs = Contaminants of Potential Concern, PHC = Petroleum Hydrocarbons, OC = Organochlorine Pesticides, VOC = Volatile Organic Compounds BTEX = Benzene, Toluene, Ethylbenzene, and Xylene Mixture, PAH = Polycyclic Aromatic Hydrocarbons					

2. There are no water bodies in whole or in part on the Phase One Property or within the Phase One Study Area [250 metre radius from the limits of the Phase One Property]. The local and regional groundwater flow direction is inferred to the east towards the Welland Canal.
3. There are no areas of natural significance located in whole or in part on the Phase One Property or in the Phase One Study Area.
4. The reconnaissance of the Site did not reveal any obvious visual evidence of a suspected groundwater well or cistern. In addition, a review of the MOE's water well records did not reveal any potable groundwater wells or monitoring wells on the Phase One Property.

In addition to the above, a review of the MOE's water well records revealed no potable wells and five [5] monitoring wells within the Phase One Study Area. The groundwater monitoring wells are reportedly located between 130 and 240 metres from the Site and reportedly terminate between 4.3 to 30 metres beneath the ground surface.

5. The Phase One property is currently not serviced with any natural gas, storm sewers, or sanitary sewers. As such, these are not anticipated to affect, direct or alter the migration of any potential off-site contaminants.
6. It is unclear whether the proposed development on the Phase One Property will be serviced with buried utilities, including storm and sanitary sewers, a municipal water supply, hydro and other soft services. However, the depth and location of these service trenches are not anticipated to affect, direct or alter the migration of any potential off-site contaminants.
7. A review of the Ministry of Northern Development and Mine's "Quaternary Geology of the Orillia Area, Southern Ontario Sheet Map P2697" and the "Bedrock Geology of Ontario, Southern Sheet Map M2544", revealed the Site to be underlain by glaciolacustrine deeper water clay and silt, in turn, underlain by Silurian Salina Formation argillaceous dolostone, evaporates bedrock. The depth to the groundwater table is anticipated to be approximately 2.3 metres below the ground surface elevation and the depth to bedrock is anticipated to be between 30 and 32 metres below ground surface based on information ferreted out from groundwater well records for water wells located within the Phase One Study Area
8. The validity of the CSM may be affected if the future use of the Property diverts from the current understanding of the proposed development to include the installation of multi-level basements or deep groundwater wells that may artificially alter or redirect local groundwater toward the Property. In this scenario, given the distance of the limited potential contaminating activities with relation to the Site, these activities are not considered a significant liability to the property, and as a result it is recommended that intrusive soil and/or groundwater sampling and monitoring would not be required in this scenario.
9. Based on the results of the Phase One, it is the opinion of SOIL-MAT ENGINEERS & CONSULTANTS LTD. that a Phase Two ESA is required.

Appendix 'K'

1. Site Reconnaissance Photographs;



Photo taken from the southeast corner of the Site, facing north-northwest.



Photo taken from the west end of the Site, facing east.



Photo taken from the west end of the Site, facing north.



Historical Google Earth Street View Photo from 2007 showing the former Site structure, from the northwest corner of the Site, facing southeast.

Appendix 'L'

1. Qualifications of Assessor

COMPANY BACKGROUND

SOIL-MAT ENGINEERS & CONSULTANTS LTD. [SOIL-MAT ENGINEERS] is a Canadian Consulting Engineering firm owned by its senior staff. Over the past thirty years the principals of SOIL-MAT ENGINEERS have undertaken geotechnical investigations in all areas of Hamilton and surrounding area and are familiar with the distinct geology of the area and therefore well-versed with the various soil, bedrock and groundwater conditions. SOIL-MAT ENGINEERS has a staff of over twenty-five engineers and technical staff who specialize in geotechnical assignments, environmental assessments, hydrogeological investigations and construction quality control/assurance projects. The company commenced operation on June 15, 1992 and has undertaken over 5,000 projects since its inception. The firm and all professional staff are in good standing with Professional Engineers Ontario. The company has maintained a current Certificate of Authorisation since it was granted on April 28, 1992. The firm's office and laboratory facilities are located at 130 Lancing Drive in Hamilton, Ontario.

REPORT AUTHORS

Peter Markesic, B.Sc.

Project Manager

Mr. Markesic has over ten years of experience in conducting Phase I ESA research and Phase II ESA fieldwork, including soil and groundwater sampling. Mr. Markesic has also been a key project member on a number of Phase III Environmental Site Assessment projects, including the decommissioning of underground fuel storage tanks and both in-situ and ex-situ remediation projects.

Stephen R. Sears, B. Eng. Mgmt., P. Eng.

[Director/ Senior Professional]

Mr. Sears has over twenty-two years of experience in the geotechnical and geo-environmental fields. Mr. Sears holds current Consulting Engineer designations with the Professional Engineers Ontario and the Association of Professional Engineers and Geoscientists of Saskatchewan and has supervised the geotechnical investigations for numerous industrial, commercial and residential development projects in Southern Ontario, slope stability assignments associated with Hamilton Conservation Authority, Conservation Halton and Niagara Peninsula Conservation Authority requirements, and several high rise developments throughout Ontario. Mr. Sears has also been involved in geotechnical and hydrogeological investigations for industrial park developments in the Greater Toronto Area and Niagara Peninsula. Some of Mr. Sears' projects have included the decommissioning and reconstruction of underground and above ground fuel oil storage tanks in Ontario and Saskatchewan, the study of the containment structures at a number of Petroleum Storage Facilities in Ontario and numerous 'dig and dump' remediation projects.

Keith Gleadall, B.A., EA Dipl.

Vice-President [Senior Professional]

Mr. Gleadall has over fourteen years of experience in conducting Phase I, II and III Environmental Site Assessments and has successfully completed the requirements of the Associated Environmental Site Assessors of Canada and a Post Graduate Diploma in Environmental Site Assessment from Niagara College. Mr. Gleadall is responsible for undertaking numerous hydrogeological investigations, primarily within the City of Hamilton, associated with the development of residential and commercial subdivision projects, together with Phase I, II and III Environmental Site Assessments. Projects have included the decommissioning of underground and above ground fuel oil storage tanks, the implementation of in-situ and ex-situ remediation programmes, the decommissioning of a former dry cleaning facility and numerous 'dig and dump' remediation projects.