

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

5584 Fraser Street, NIAGARA FALLS



Project Location:

5584 Fraser Street
Niagara Falls, ON
L2E 3C9

Prepared For:

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EXECUTIVE SUMMARY

Niagara Soils Solutions Ltd. [NSSL] was retained by Sam Visca Electric to conduct a Phase One Environmental Site Assessment [ESA] of the vacant residential lot located at 5584 Fraser Street in the City of Niagara Falls, Ontario [herein referred to as the “Phase One Property” or the “Site”]. The Phase One Property is currently owned by Ms. Rita Visca. The Phase One ESA was requested for due diligence purposes relating to potential site re-development.

The size of the Phase One Site is approximately 0.11 hectares with the rectangular shaped parcel of land situated south of Fraser Street and 155 m west of Stanley Avenue. The subject property is situated between commercial businesses to the west and residential properties to the north and east. The property boundary to the south is characterized by a deep vegetated swale, with historical records identifying the swale location as the Niagara, St. Catharines and Toronto [NS & T] historical railway corridor that was in use from 1899 to the early 1950’s. South of the railway track is Niagara Fall’s Fairview Cemetery. Historical documents depict the Phase One Property with a dwelling or structure built or documented on-site dating from 1934 to approximately 2000. Currently the subject property is a vacant parcel of land covered with manicured landscaped grass. The south portion of the property has successional vegetation growth that extends into the adjacent swale and remnant train tracks. The Phase One property has a raised central elevation that slopes downwards towards Fraser Street to the north and a steeper decline to the created railway swale at the south.

The Phase One ESA identified twenty-one [21] Potentially Contaminating Activities [PCAs] that resulted in two [2] on-site Areas of Potential Environmental Concern [APEC] on the Phase One property including:

On-Site

PCA-1/APEC-1: #30. Importation of Fill Material of Unknown Quality. The landcover of the subject property is uneven and has been graded to allow overland run off to flow to hydraulically downgradient areas on the west and north sides of the Site. In addition, the railroad adjacent to the southern property boundary reveals that soil material has been altered most likely attributed to the original railway construction. Fill material is known to have historically comprised the construction of railway beds with granular fill aggregate utilized to underly rail tracks as ballast. Historical documentation confirms a structure or residence occupying the Phase One Property from at least 1934 to 2000. The demolition and potential infilling of the building footprint is undocumented and as such, the composition of materials on the Phase One Property is unknown. A geotechnical investigation in the summer of 2022 found that fill material was present in borehole samples to an approximate depth ranging from 1.5 to 2.0 m across the Site.

Off-Site

PCA-2/APEC-2: #46, Rail Yard, Tracks and Spurs. A review of historical topographical maps of the Niagara Falls area reveals a documented historic set of train tracks running along the southern property boundary of the Phase One Site. The NS & T Electric Railway was constructed in 1899, crossing west to east carrying passengers entering and exiting the Niagara Falls area. The rail line was utilized to the early 1950's when portions were removed. The Site visit confirmed that rail tracks and supporting ballast material remains at the bottom of the constructed berm adjacent to the southern property line. A railway, tracks and spurs represent an off-site PCA that results in an on-site APEC to the Phase One's soil.

- **PCA-3: #41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage.**
- **PCA-4: #58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.**
- **PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks [5523 Fraser Street – Sam Visca Electric].**
- **PCA-6: #22. Fertilizer Manufacturing, Processing and Bulk Storage [4300 Stanley – Premier Ferti Tech].**
- **PCA-7: #10. Commercial Autobody Shop [5552 George Street – High Tech Auto Repair].**
- **PCA-8: #28. Gasoline and Associated Products Storage in Fixed Tanks [4169 Stanley Avenue – Premium Pre-Owned Autos].**
- **PCA-9: #52. Storage, maintenance, fuelling and repair of equipment, vehicles and material used to maintain transportation systems [4169 Stanley Avenue Doc Jones Auto 4x4].**
- **PCA-10: #39. Paints Manufacturing, Processing and Bulk Storage. [5559 George Street – Niagara Battery and Tire Ltd.].**
- **PCA-11: #10. Commercial Autobody Shop [5559 George Street – Niagara Battery and Tire Ltd.].**
- **PCA-12: #10. Commercial Autobody Shop [4129 Stanley Avenue- Mister Transmission].**
- **PCA-13: #39. Paints Manufacturing, Processing and Bulk Storage [4129 Stanley Avenue – Mister Transmission].**
- **PCAs 14 through 21 [5800 Thorold Stone Road -Lubrizol Canada Ltd.].**
 - **PCA-14: #1. Acid and Alkali Manufacturing, Processing and Bulk Storage.**
 - **PCA-15: #8. Chemical Manufacturing, Processing and Bulk Storage.**
 - **PCA-16: #11. Commercial Trucking and Container Terminals.**
 - **PCA-17: #28. Gasoline and Associated Products Storage in Fixed Tanks.**
 - **PCA-18: #39. Paints Manufacturing, Processing and Bulk Storage.**
 - **PCA-19: #41 Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage**
 - **PCA-20: #46. Rail Yards, Tracks and Spurs.**
 - **PCA-21: #51. Solvent Manufacturing, Processing and Bulk Storage.**

Based on the Phase One ESA research as summarized above, Niagara Soils Solutions Ltd. recommends a Phase Two ESA be completed to assess the potential environmental impacts to the study site's soil from deposition of fill material at the site and adjacent historic railway.

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1.0 INTRODUCTION

1.1 Phase One Property Information

Niagara Soils Solutions Ltd. [NSSL] was retained by Sam Visca Electric to conduct a Phase One Environmental Site Assessment [ESA] of the vacant residential lot located at 5584 Fraser Street in the City of Niagara Falls, Ontario [herein referred to as the “Phase One Property” or the “Site”]. The Phase One Property is currently owned by Ms. Rita Visca. The Phase One ESA was requested for due diligence purposes relating to potential site re-development. The Site location is shown on Figure 1.

The legal description of the sites is stated as; LT 29 PL 31 STAMFORD; LT 30 PL 31 STAMFORD; NIAGARA FALLS. The Property Identification Number [PIN] is 64323-0208 [LT]. A copy of the Parcel Register is included in Appendix A. Authorization to proceed with the Phase One ESA was received from Mr. Sam Visca. The contact information for Mr. Visca is:

Sam Visca Electric
Unit 4, 5602 George Street
Niagara Falls ON
L2E 3E2

The size of the Phase One Site is approximately 0.11 hectares with the rectangular shaped parcel of land situated south of Fraser Street and 155 m west of Stanley Avenue. The subject property is situated between commercial businesses to the west and residential properties to the north and east. The property boundary to the south is characterized by a deep vegetated swale, with historical records identifying the swale location as the Niagara, St, Catharines and Toronto [NS & T] historical railway corridor that was in use from 1899 to the early 1950's. South of the railway track is Niagara Fall's Fairview Cemetery. Historical documents depict the Phase One Property with a dwelling or structure built or documented on-site dating from 1934 to approximately 2000. Currently the subject property is a vacant parcel of land covered with manicured landscaped grass. The south portion of the property has successional vegetation growth that extends into the adjacent swale and remnant train tracks. The Phase One property has a raised central elevation that slopes downwards towards Fraser Street to the north and a steeper decline to the created railway swale at the south. The Site layout is illustrated on Figure 2.

2.0 SCOPE OF INVESTIGATION

The Phase One ESA was completed in general accordance with Ontario Regulation 153/04 [as amended]. The purpose of the Phase One ESA was to identify evidence of actual or potential contamination on the Site based on an evaluation of information collected through records review, Site visit and interview. The report was prepared under the supervision of a Qualified Person [QP_{ESA}] and may be used in filing of a Record of Site Condition [RSC] with the Ministry of the Environment, Conservation and Parks [MECP] if required. The scope of work for the Phase One ESA included the following:

- Review of available environmental reports that are pertinent to the Site and surrounding lands.
- Review of municipal directory records related to the Site and surrounding lands [where available].
- Review of Chain-of-Title information.
- Review of physical setting information including aerial photographs, fire insurance plans [FIPs], topographic maps and geologic information related to the Site and surrounding lands.
- Review of EcoLog ERIS database report for the Site and surrounding lands.
- Review of environmental source information including published and online records from the Ministry of the Environment, Conservation and Parks [MECP], Ministry of Natural Resources and Forestry [MNRF], Niagara Peninsula Conservation Authority [NPCA] Watershed Explorer, Brock University Niagara Air Photo Index Interactive Map.
- Site reconnaissance to observe the Site and surrounding lands.
- Interview with key persons knowledgeable about the current and historical operations of the Site.
- Preparation of a photographic log.
- Preparation of a summary report of findings and recommendations.
- Assessment of information and preparation of a Conceptual Site Model [CSM] to illustrate the Site location and limits, the surrounding lands, Potentially Contaminating Activities [PCAs] and Areas of Potential Environmental Concern [APECs] on the Phase One Property.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area includes properties located wholly or partially, within 250 m of the nearest point on a boundary of the Phase One ESA property. There were no other properties located beyond 250 m of the Phase One ESA property that were considered relevant to the Phase One ESA assessment at this time. The Phase One ESA is not considered an enhanced investigation property. The Study Area is illustrated on Figure 1.

3.1.2 First Developed Use Determination

O. Reg. 153/04 22. [1] defines first developed land use as the earlier of a: the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, and b: the first potentially contaminating use or activity on the Phase One Property". Historical records show the Phase One Property having been utilized for residential purposes with a residential dwelling located on the Site from at least 1934. Ownership for this time period is depicted as Anastasia Yatchuk and Victoria Moshenko.

3.1.3 Fire Insurance Plans

NSSL contacted OPTA Enviroscan to conduct a search of Fire Insurance Plans (FIPs) for information pertaining to the Phase One ESA property and surrounding area. Four [4] fire maps were found dating from 1932 and 1965 that depicted the study area. None of the Fire maps depicted the location of the Phase One Property Site.

The earliest Fire map available for review was from 1932 [Niagara Falls-Chippawa Fire map, Sheet 21] and it highlighted the area east of Stanley Street south of the Stamford limit [current day Palmer Park]. The 1965 Niagara Falls Fire map, Sheet 110, reveals that the same area east of Stanley Avenue is occupied by an industrial company, the Herbert Morris Crane & Hoist Co. Ltd. CNR train rails extend west to east over Stanley Street south of the current Study Site location. A 1,000-gallon fuel oil tank is shown situated between the Crane Assembly building and the Machine Shop, outside of the 250 m radius of the Phase One Study Area. The third map, 1965 Niagara Falls 2 Fire map, Sheet 211, depicts the northeast portion of the Study Area at the intersection of Thorold Stone Road and Stanley Avenue. The Lubrizol of Canada Ltd. industrial property is shown occupying the west lands adjacent to the Hydro Canal. Multiple storage tanks, both above ground and below ground for a variety of gasses, chemicals and wastes are noted on the Fire map.

The final Fire map Niagara Falls 2, Sheet 212, dated 1965, portrays the area north of Fraser Street and west of Stanley Avenue. An auto service station with one UST is depicted at the corner of George Street and Stanley Ave. The 'Slumberland Cabins' are situated on the northwest corner of Fraser and Stanley Ave. The north adjacent area is shown as consisting of 'dwellings of mixed construction'. The Fire map does not depict any information south of Fraser Street, where the Phase One Property is located.

3.1.4 Chain of Title

MacKenzie Title was engaged by NSSL to complete a historical property ownership search for the study Site. According to search results, the earliest available record relating to the Site was from 1797 where the parcel of land was transferred from the Crown to John Reilly. Historically the subject Site was noted to have belonged to Private Owners until 2000 when the property was bought by a numbered Ontario company.

A current parcel register [land title document] for the vacant lot of the Phase One subject property located south of Fraser Street in Niagara Falls was obtained from Teranet Express via MacKenzie Title. The document identified the Property Identifier Number [PIN] as 64323-0280 [LT]]. The document covered the period of land ownership from 1995 to the present day. Current landownership was confirmed as belonging to Rita Visca. A copy of all property ownership records is included in Appendix A.

3.1.5 Vernon's City Directories

Opta Historical Documents was engaged by NSSL to complete an historical Vernon's City Directory search of the study site and select properties within the study area to determine chronicled property land use. The directories were reported dating from 1934 to 2012 in approximately ten [10] year increments. Site ownership was confirmed as being for residential land use purposes. The search results are provided in Appendix B.

3.1.6 Environmental Reports

NSSL reviewed additional environmental resources for information pertaining to the Phase One Property and Study Area. A summary of the information below provides details of the findings with any associated supporting documents located in Appendix B.

Geotechnical Investigation, Niagara Testing & Inspection Ltd. [2022]. Four [4] boreholes were advanced across the property to a depth of 6.5 m below ground surface during a geotechnical investigation to determine subsurface soils information and provide comments in addition to design and construction recommendations. General findings across the Site were reported as a layer of topsoil to a depth of 15 cm, a silty clay / clayey silt containing fill material and sand potentially associated with the previously

demolished Site structure to an average depth of 1.5 to 2.0 m below ground surface. Native sand was encountered between 1.5 and 2.0 m bgs. Ground water was not encountered in any of the boreholes, which remained open and dry at the time of completion. Foundation, pavement structure design, seismic design and backfill considerations based on the results of the geotechnical investigation were further discussed in the report.

3.2 Environmental Source Information

3.2.1 Environmental Risk information Services

ERIS was contracted to conduct a search of available government and private records for information pertaining to the Phase One ESA property and surrounding study area. A copy of the full report is provided in Appendix C. Key Findings are tabulated below.

Municipal Address	Property relationship to Site	Database Record, brief description
5563 Fraser St.	68 m Northeast	One [1] PINC: Homeowner Pipeline Incident [2012]
4169 Stanley Ave.	173 m Northeast	<u>Pioneer Congo Management Inc. c/o Coopers and Lybra</u> One [1] PRT: 160,000 L Capacity <u>Wrong Indorg Beaver / Was Congo</u> One [1] PRT: 4,000 L Capacity <u>Congo Inc.</u> One [1] DTNK: Propane Refill Center / Motor Fill [2012] <u>1488700 Ontario Inc.</u> Two [2] DTNK: Propane Refill Center / Cylinder Fill [2012] <u>Ladha Group</u> One [1] EBR: Registry No. IT9E0087 [1999] One [1] GEN: Waste Class 252 Waste Oils & Lubricants [2003 – 2004] <u>Bala Niranjana</u> Three [3] FST: 24,000 L Capacity Four [4] DTNK: FS Liquid Fuel Tank [1989], FS Gasoline Station, FS Propane Tank [2012] <u>Sedru Lada</u> One [1] GEN: Waste Class 221 Light Fuels [2010]
5559 George St.	196 m Northeast	<u>GFL Environmental Inc.</u> One [1] SPL: Waste Oil Leak [2016] <u>Niagara Battery & Tire Ltd. Head Office</u> Five [5] GEN: Waste Class 251 Oil Skimmings & Sludges [2016], 251 L Waste Oils / Sludges (petroleum based) [2018, 2020-2022]

DTNK = Delisted Fuel Tanks, EBR= Environmental Registry, FST = Fuel Storage Tank, GEN = Ontario Regulation 347 Waste Generators Summary, PINC = Pipeline Incidents, PRT = Private and Retail Fuel Storage Tanks, SPL = Ontario Spills

3.2.2 Insurance Reports

NSSL conducted a search of Insurance Reports that would pertain to the Phase One ESA property; however, no Insurance documentation was available for review.

3.2.3 Other Environmental Sources

NSSL reviewed additional environmental resources for information pertaining to the Phase One Property. The table below provides details of the findings with any associated supporting documents located in Appendix B.

Source	Study Site Details
Environmental Incidents, Orders, Offences, Spills and Discharges	No records
Environmental Registry of Ontario	Oleo Energies Inc., ERO number 013-4385 for Environmental Compliance Approval [Air] of blended bulk lubricants and specialty chemicals. 1939522 Ontario Limited, ERO number 019-5038 and 019-5188 for Certificate of Property use outlining risk management measures for the former Cytec Lands.
Federal Contaminated Sites and Solid Waste Landfills Inventory	No records
Hazardous Waste Information Network	Waste Generator No: ON0608711. Fairview Cemetery, NAICS Code 81220 [Cemeteries and crematoria], Active Waste Streams; No. 252 L Waste Oils & Lubricants, 221 I Light Fuels, 213 I Petroleum Distillates.
Inventory of Coal Gasification Plants	No records
Inventory of Industrial Sites Producing or Using Coal Tar in Ontario	No records
Ministry of Natural Resources [MNR]	No records
National Pollutant Release Inventory	The NPRI Inventory Records show Lubrizol [230 m NE] as an Ontario Ministry of the Environment Hazardous Waste permit holder [No. ON294500] dating from 1998 to 2008.
PCB Waste Storage Inventory	No records
Record of Site Condition [RSC]/ Brownfields Environmental Registry	No records
Reports submitted to the MECP [Freedom of Information]	At the time of report issuance, no records returned. Any documents received will be provided to the client.
TSSA Retail Fuel Storage Tank Info	A request was submitted to the Technical Safety and Standards Authority [TSSA] for information concerning fueling systems [USTs, ASTs]. Email correspondence from TSSA dated December 6 th indicated “we confirm that there are no records in our database of any fuel storage tanks at the subject address”.
Waste Disposal Site Inventory	Closed Waste Disposal Site No. 8040, Fairview Cemetery [1925].
Waste Management Records	No records

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs were reviewed for information pertaining to the Study Site and Study Area. The photographs were obtained through the Niagara Air Photo Index interactive database at Brock University and Google Earth. The earliest available aerial image for review was from 1934. Of the available aerials the following were selected for analysis based on scale and quality. Images are provided in Appendix D.

Date	Study Site	Study Area
1934	The Phase One Property has a residential dwelling situated on the north end of the lot facing Fraser Street. A driveway enters the Site from Fraser Street at the northwest corner of the subject property. A small outbuilding is located on the west central portion of the Site.	The residential homes on the north and south sides of Fraser Street are situated close to Fraser Road with open backyards. The adjacent north, east and west properties each exhibit residential structures. The adjacent railway line borders the southern property boundary of the site. Stanley Avenue is seen passing north to south on the right-hand side of the photograph. The hydro canal is located west of the Phase One Property and can be seen traversing through the top left-hand corner of the photograph. George Street has not yet been constructed with the study area comprised of open area beyond the residential parcels of land on Fraser Street. Structures are located to the east of Stanley Avenue, south of the Study Area.
1954/55	There are no significant changes to the Phase One Property between the 1934 and 1954/55 aerial photographs.	The study area includes commercial properties west of Stanley Avenue. George Street can be seen at the top of the photograph with residential dwellings located south of the street. The railroad tracks are visible south of the subject property. The adjacent parcels of land to the north, east and west remain residential land use.
1972	The Phase One Property remains a residential parcel of land with one [1] dwelling located on the north end of the property.	Additional commercial properties have been constructed on the west side of Stanley Avenue within the northern part of the Study Area. A gasoline service station is visible at the corner of George Street and Stanley Avenue. Further roadwork appears to have been constructed east of Stanley Ave. A large commercial structure can be seen in the bottom right-hand corner of the photograph.
2002	The Phase One Property is vacant, with no structures or dwelling. The landcover appears to consist of an open area of manicured landscaped grass, including the area of the former driveway.	A commercial building has been constructed west of the Phase One Property. An additional road has been constructed south of the subject property within the cemetery. A baseball diamond has been constructed east of Stanley Avenue. South of George Street all parcels of land have structures or dwellings occupying the lots. A new commercial structure is observed north of George Street, aligning with the hydro canal in position. Large commercial structures have been constructed at the corner of Stanley Ave. north of Fraser Street and north of George Street.
2010	There are no significant changes to the Phase One Property between the 2002 and 2010.	Additional roads have been built within the cemetery. The baseball diamonds and large commercial structure remain to the east of Stanley Avenue in the study area. To the west of the hydro canal the Lubrizol Canada Ltd. property has expanded with tanks and structures visible. The commercial structure north of George Street adjacent to the hydro canal has had an expansion to the building on the north end.

Date	Study Site	Study Area
2020	No change.	The former railway tracks are covered in dense vegetation. The cemetery is shown to contain multiple rows of headstone markers. An area east of Stanley Avenue, north of the baseball diamonds, has been disturbed, with a large section of open soils.

3.3.2 Topography, Hydrology, Geology

A review of the “Quaternary Geology of Niagara-Welland” Geological Series, Map 2496, shows the Phase One subject area is located within the Late Wisconsinian formation, consisting of Glaciolacustrine nearshore and deltaic sand and silt. The Paleozoic Geology of Southern Ontario, Ontario Division of Mines, Map 2254, reveals that the study area is situated on the Lockport-Amabel Formation consisting of dolomite. Groundwater was reported to be approximately 18–22 metres below ground surface based on a review of local well records. The study area contains the Queenston-Chippawa Hydro Canal, constructed between 1917-1925, for the purpose of transporting water from upstream Niagara River to the Sir Adam Beck Power Generating Station. The 10.2 km long Niagara Tunnel Project was bored between 2006-2013 approximately 140 m below the study area to allow for further diversion of water to the power generation station downstream.

3.3.3 Fill Materials

At the time of the Site Reconnaissance, railway tracks were noted in the overgrown vegetation of the deep berm constructed adjacent to the southern property boundary. NSSL reviewed historical topographical maps of the Region of Niagara that revealed the presence of an historical railway corridor along the southern property boundary of the site. Fill material was identified on-site during the Site reconnaissance. NSSL noted that the rail line is at a lower elevation than the subject property and cemetery. It is plausible that soil material originating from the excavation of the railway may have been placed on the adjacent properties that run parallel to the tracks. This would account for the noted discrepancy in elevations. The NS & T Electric Railway was constructed in 1899, however no known documentation can confirm the origin and composition of materials used to construct the base of railway beds adjacent to the south of the Phase One Property. In addition, the boreholes advanced for the geotechnical investigation encountered fill materials. A copy of the historical topographical maps are provided in Appendix B.

3.3.4 Water Bodies & Areas of Natural Significance

The Niagara Peninsula Conservation Authority [NPCA] watershed map shows the Phase One study area is part of the Chippawa Power Canal sub-watershed [34,904,898.96 m²] within the Lake Ontario watershed. The entirety of the Phase One Study area is located within a quality groundwater protection zone for highly vulnerable aquifers. NSSL did not identify any provincially significant wetlands, natural heritage features, or Areas of Natural Significance on-site or within the Study Area.

The Site is not considered a sensitive Site based on the definition of O. Reg. 153/04. “41. [1] This section applies in relation to a property if,

[a]The property is,

- (i) Within an area of natural significance,
- (ii) Includes or is adjacent to an area of natural significance or part of such an area, or
- (iii) Includes land that is within 30 meters of an area of natural significance or part of such an area.”

The open soil and landscaped grass surface cover of the Phase One Site indicates that water runoff would most likely consist of limited infiltration with overland flow to the north towards Fraser Street and then to the west towards the hydro canal, about 95 m to the west. Overall groundwater flow direction is inferred as northeast towards the Sir Adam Beck Hydro Generation Station and the Niagara River.

3.3.5 Well Records

The Study Area is serviced by the municipal drinking water system. A records review of Ontario Well Records shows that there are zero [0] drinking water wells or records for drinking water wells within 250 m of the study Site. The records for environmental monitoring wells installed within the study area have also been included in the Phase One ESA report as records can contain descriptive information pertaining to an area’s hydrogeological and geological characteristics. The information is summarized below. The records are provided in Appendix E.

Well ID	Location in Relation to Phase One Property	Description
7246439	205 m East	0 – 1.52 m Sand, Gravel, Fill 1.52 – 4.57 m Brown Silt 4.57 – 6.09 m Red Silt
7275276	245 m Northwest	0 – 2.13 m Topsoil, Fill 2.13 – 4.57 m Sand, Silt 4.57 – 9.14 m Silt

4.0 INTERVIEW

A questionnaire was provided to the Site representative, Mr. Sam Visca, who had knowledge of the property from 2010 to the present. Mr. Visca confirmed the subject property has never been utilized for industrial purposes. He was unaware of information pertaining to historical structures on the Site. He also confirmed municipal water and waster water utility services are available for the site.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

A Site reconnaissance was completed on Monday, December 16th, 2022, by Ms. Nicole Burke, BA., BEd., CERPIT, Project Coordinator, overseen by Mr. John Monkman, P. Eng, FEC, QP_{ESA}. The weather was partly cloudy, with the temperature approximately 15°C. The Site reconnaissance and photo log are included in Appendix G.

The Site reconnaissance confirmed NSSL's research that the Phase One Property is comprised of a vacant former residential parcel of land facing Fraser Street. The Hydro Canal is located about 95 m to the west, running southwest to northeast, where Fraser Street becomes a dead end. The nearest intersection is to the east, where Fraser Street meets Stanley Avenue [155 m east]. The north and east adjacent properties are residential homes with a commercial property immediately adjacent on the west side of the site. The properties within the study area include residential properties, industrial and commercial businesses. The Phase One Property was observed to have a gentle downgradient slope towards the north and west with the highest elevation at the rear of the property [south]. Landcover is characterized by manicured grass with shrub vegetation growing on the southern area of the Site. At the time of the Site reconnaissance the ground across the subject Site was noted to be uneven with small indents and mounds over the landscaped grass cover. The Fairview Cemetery is situated south of the rail line. No other environmentally significant features were noted at the time of site reconnaissance.

5.2 Specific Observations at Phase One Property

The following table summarizes the general observations made at the Phase One property based upon NSSL's Site reconnaissance.

Item	Specific Observation
General Site Description	The Phase One Property is a rectangular shaped parcel of land. The highest elevation of the Site is located towards the southern portion of the property, with a gradual decrease in elevation as the property extends north towards Fraser Street. No structures or dwellings were observed on the property. Successional vegetation growth along the south property boundary continues down a steep slope into the adjacent former rail corridor.
General Description of Structures	Not applicable.
Above and Below Ground Tanks	Not observed.
Utilities and Water Sources	The Study Area is serviced with hydro, natural gas, municipal water, and wastewater systems. No potable groundwater sources were identified on-site.
Exit and Entry Points	The Phase One Property is open to foot traffic from all sides.

Item	Specific Observation
Existing and Former Heating/ Cooling Systems	Not observed.
Catch basins, drains, pits, pumps or sumps	Not observed.
Staining and corrosion	Not observed.
Wells	A records review shows that there are no drinking water wells within a 250 m radius of the Subject Site. Environmental monitoring wells are noted east and west of the subject property. No sources of potable water were identified during the Site Reconnaissance.
Sewage Work	The study area is serviced by municipal water and wastewater.
Surface Cover	Landcover was identified as manicured landscaped grass. The ground was noted to be uneven with shallow dips or mounds over the grass cover. A vegetated swale of successional shrubs and trees cover the south portion of the Site.
Areas of Stained Soil, Vegetation, Pavement, and Stressed Vegetation	Areas of burned materials were observed at the top of the berm amongst the vegetation.
Current or Former Railway Lines or Spurs	Railway tracks were observed at the bottom of the south adjacent swale.
Debris & Fill Material	Detritus and debris were noted protruding from the soil and vegetative cover within the southern areas of the Site.
Details of Unidentified Substances	N/A
Designated Substances & Hazardous Materials	Not observed.
Surrounding Properties within the Phase One Study Area	The surrounding properties north and east of the subject Site are residential. West of the Phase One Property is commercial business Deep Steam Master Cleaners [carpet cleaning business]. Properties south of the site include former railway line and cemetery.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Potentially Contaminating Activities

O. Reg. 153/04 Table 2 of Schedule D – List of Potentially Contaminating Activities are provided in Appendix G for reference purposes. The Phase One ESA identified nineteen [19] Potentially Contaminating Activities [PCAs] that resulted in two [2] on-site Areas of Potential Environmental Concern [APEC] on the Phase One property including:

On-Site

PCA-1/APEC-1: #30. Importation of Fill Material of Unknown Quality. The landcover of the subject property is uneven and has been graded to allow overland run off to flow to hydraulically downgradient areas on the west and north sides of the Site. In addition, the railroad adjacent to the southern property boundary reveals that soil material has been altered most likely attributed to the original railway construction. Fill material is known to have historically comprised the construction of railway beds with granular fill aggregate utilized to underly rail tracks as ballast. Historical documentation confirms a structure or residence occupying the Phase One Property from at least 1934 to 2000. The demolition and potential infilling of the building footprint is undocumented and as such, the composition of materials on the Phase One Property is unknown. A geotechnical investigation in the summer of 2022 found that fill material was present in borehole samples to an approximate depth ranging from 1.5 to 2.0 m across the Site.

Off-Site

PCA-2/APEC-2: #46, Rail Yard, Tracks and Spurs. A review of historical topographical maps of the Niagara Falls area reveals a documented historic set of train tracks running along the southern property boundary of the Phase One Site. The NS & T Electric Railway was constructed in 1899, crossing west to east carrying passengers entering and exiting the Niagara Falls area. The rail line was utilized to the early 1950's when portions were removed. The Site visit confirmed that rail tracks and supporting ballast material remains at the bottom of the constructed berm adjacent to the southern property line. A railway, tracks and spurs represent an off-site PCA that results in an on-site APEC to the Phase One's soil.

PCA-3: #41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage. A review of the Hazardous Waste Inventory Network reveals that Fairview Cemetery is a registered crematorium [Waste Generator No: ON0608711NAICS Code 81220]. Waste streams of potential contaminants of concern include Waste Oils & Lubricants, Light Fuels and Petroleum Distillates. The distance from the study site to the crematorium building is approximately 425 m, therefore it is not considered to represent an on-site APEC.

PCA-4: #58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners. The Waste Disposal Sites – MOE 1991 Historical Approval Inventory identifies Fairview Cemetery as a historical landfill facility that was utilized until 1925. As a closed site, information is provided regarding the closure date and site classification, however information regarding landfill material accepted is not listed. Historic landfills can contain a diverse range of materials and items as refuse was disposed of at a time when requirements were less stringent in comparison to current regulations. As the site has since been developed for use as a cemetery, its historic use is not considered to represent an on-site APEC.

PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks [5523 Fraser Street – Sam Visca Electric]. A gasoline AST tank is located at 5523 Fraser Street along the northern property boundary, northwest of the study site. The tank is a new installation with placed on a cement platform with bumper guards surrounding. A leak or spill could result in soil and/or groundwater impact, however the distance from the tank to the study site and groundwater flow direction inferred as northeast would not result in an onsite APEC.

PCA-6: #22. Fertilizer Manufacturing, Processing and Bulk Storage [4300 Stanley – Premier Ferti Tech]. From 2015 to the present day, this industrial company has developed, manufactured, and produced fertilizers. This industrial property lies within a separate watershed from the Phase One Property [Niagara River North sub watershed], and together with the distance and inferred groundwater flow water direction, this off-site PCA is not considered as an on-site Area of Potential Environmental Concern at the study site due to its distance and being trans-gradient of the subject site.

PCA-7: #10. Commercial Autobody Shop [5552 George Street – High Tech Auto Repair]. The Eris Historical Vernon's City Directory search of the subject property and parcels of land within the study area show that an autobody shop has operated at 5552 George Street from at least 1972 to the current day. The use of land for such purposes is an off-site PCA is not considered to be an on-site APEC to the study Site due to the distance [110 m northeast] and being down gradient of the subject property.

PCA-8: #28. Gasoline and Associated Products Storage in Fixed Tanks [4169 Stanley Avenue – Premium Pre-Owned Autos]. The 1965 FIP reveals the presence of an underground storage tank [UST] at the gasoline service station located at the corner of George Street and Stanley Street. The Ecolog ERIS report identifies an additional three [3] USTs at this location. The use of land for this type of purpose is an off-site PCA but is not considered to be an on-site APEC to the study Site due to the distance [140 m east] from the subject property and being down gradient from the study Site.

PCA-9: #52. Storage, maintenance, fuelling and repair of equipment, vehicles and material used to maintain transportation systems [4169 Stanley Avenue Doc Jones Auto 4x4]. Trans-gradient migration

of any potential contaminants is low due to being down-gradient of the subject site towards the Niagara River and therefore is not considered to result in an on-site APEC.

PCA-10: #39. Paints Manufacturing, Processing and Bulk Storage. [5559 George Street – Niagara Battery and Tire Ltd.]. A review of the Ecolog ERIS report reveals that this commercial business located north of George Street generates waste material of potential environmental concern. Utility trenches present within George and Fraser Streets may act as pathways for potential contaminant transport with groundwater flow direction inferred as northeast, away from the subject property, this off-site PCA does not result in an on-site APEC.

PCA-11: #10. Commercial Autobody Shop [5559 George Street – Niagara Battery and Tire Ltd.]. Investigation of the activities completed at this property show that the commercial business is a certified autobody vehicle repair shop. This type of activity involves contaminants that may have the potential to impact the study Site's soil and/or groundwater, however the inferred groundwater flow away direction away from the Site [down-gradient] and therefore this off-site PCA is not considered to be an on-site APEC to the subject property.

PCA-12: #10. Commercial Autobody Shop [4129 Stanley Avenue- Mister Transmission]. During the Site reconnaissance one [1] additional automotive maintenance and repair facility was noted on Stanley Avenue. This presence of this off-site PCA is not considered to be an on-site APEC to the study Site due to the distance from the subject property [236 m northeast] and being down-gradient of the Phase One ESA property.

PCA-13: #39. Paints Manufacturing, Processing and Bulk Storage [4129 Stanley Avenue – Mister Transmission]. A review of the Ecolog ERIS report reveals that this commercial business generates waste material of potential environmental concern. The inferred groundwater flow to the northeast and therefore is not considered to be an on-site APEC to the Phase One Property.

PCAs 14 through 21 [5800 Thorold Stone Road -Lubrizol Canada Ltd.]. From 1953 to 2009 Lubrizol Additives Canada Ltd. operated a blending, packaging and warehouse site along the northwest part of the Queenston-Chippawa Hydro Canal. Oil additives, blending of chemicals and storage of a variety of acids, solvents, paints and chemicals were transported to and from the Site utilizing both a railway line and commercial trucking. The company is noted to have listings on the National Pollutant Release Inventory [NPRI] for release of toxic substances into the atmosphere as well as storage for off-site treatment of contaminants of concern. The chemical plant was shuttered in 2009, the use of land for this type of purpose is an off-site PCA however is not considered to be an on-site APEC to the study Site due to the distance between the Phase One Property [230 m] and inferred groundwater flow [down-gradient from the Site [down gradient].

- **PCA-14: #1. Acid and Alkali Manufacturing, Processing and Bulk Storage.**
- **PCA-15: #8. Chemical Manufacturing, Processing and Bulk Storage.**
- **PCA-16: #11. Commercial Trucking and Container Terminals.**
- **PCA-17: #28. Gasoline and Associated Products Storage in Fixed Tanks.**
- **PCA-18: #39. Paints Manufacturing, Processing and Bulk Storage.**
- **PCA-19: #41 Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage**
- **PCA-20: #46. Rail Yards, Tracks and Spurs.**
- **PCA-21: #51. Solvent Manufacturing, Processing and Bulk Storage.**

6.2 Areas of Potential Environmental Concern

The PCAs identified above resulted in the creation of two [2] Areas of Potential Environmental Concern to the Phase One ESA property with the potential to have impacted the study Site's soil. A Phase One Conceptual Site Model [CSM] was prepared in accordance with Schedule D, Part V of O. Reg. 153/04 [as amended]. The CSM includes Figures 1 - 4 and is provided in Appendix I.

Area of potential environmental concern ¹	Location of area of potential environmental concern on phase one property	Potentially contaminating activity ²	Location of PCA [on-site or off-site]	Contaminants of potential concern ³	Media potentially impacted [Groundwater, soil and/or sediment]
APEC-1	Entire Phase One Property	#30. Importation of Fill Material of Unknown Quality	On-site	Metals, PHCs, BTEX, PAHs, pH/SAR/EC	Soil
APEC-2	Southern portion of Site along property boundary	#46 Rail Yard, Tracks and Spurs	Off-site	Metals, PHCs, BTEX, PAHs, OC	Soil

7.0 CONCLUSIONS

7.1 Phase Two Environmental Site Assessment Recommended

Based on the Phase One ESA research as summarized above, Niagara Soils Solutions Ltd. recommends a Phase Two ESA be completed to assess the potential environmental impacts to the study site's soil from deposition of fill material at the site and adjacent historic railway.

7.2 Limitations and Use of the Report

Achieving the objectives that are stated in this report has required Niagara Soils Solutions Ltd. to derive conclusions based upon the best and most recent information currently available to Niagara Soils Solutions Ltd. No investigative method can completely eliminate the possibility of obtaining partially imprecise information. Niagara Soils Solutions Ltd. has expressed professional judgement in gathering and 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 Niagara Soils Solutions Ltd.'s knowledge, the information gathered from outside sources contained in this report on which Niagara Soils Solutions Ltd. has formulated its opinions and conclusions, are both true and correct. Niagara Soils Solutions Ltd. assumes no responsibility for any misrepresentation of facts gathered from outside sources.

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

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

Yours very truly,
Niagara Soils Solutions Ltd.

A handwritten signature in blue ink, appearing to read 'J. Monkman'.

John Monkman, P.Eng., FEC, QP_{ESA}
President

A handwritten signature in blue ink, appearing to read 'Jodie Glasier'.

Jodie Glasier, HB.A., M.MM, EP
Vice President

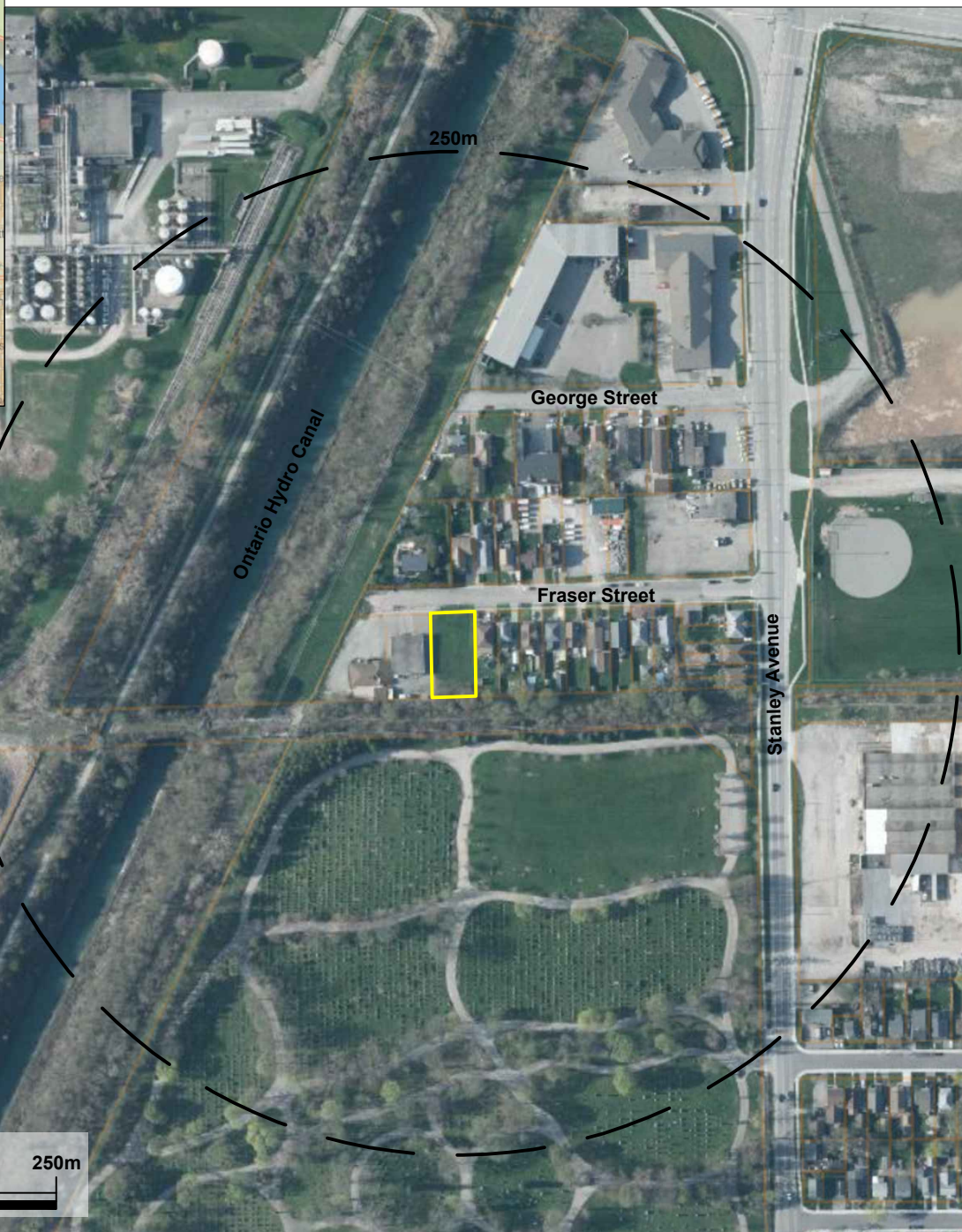
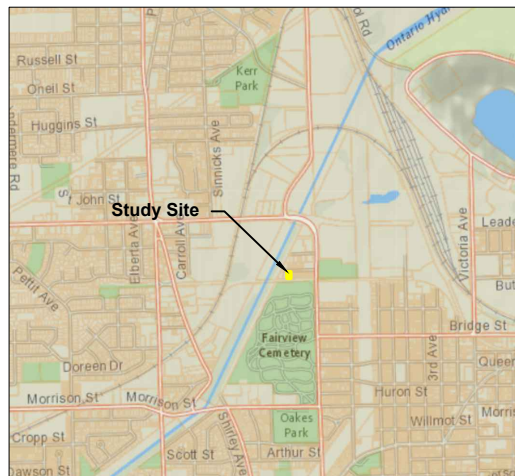
8.0 REFERENCES

The following resources were utilized as references:

- Canadian Niagara Power, City of Niagara Falls
- City of Niagara Falls
- EcoLog ERIS
- Ecological Land Classification [Southern Ontario]
- Environmental Assessment Act
- Environmental Registry of Ontario
- Federal Contaminated Sites Inventory
- Interactive Map – Niagara Navigator, <https://navigator.niagararegion.ca/>
- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II; MOE, 1987
- Ministry of Environment, Conservation & Parks Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario
- Ministry of the Environment Freedom of Information and Protection of Privacy Search
- Ministry of the Environment Hazardous Waste Information Network
- Ministry of Natural Resources [ANSIs]
- Ministry of Northern Development and Mines. Bedrock Geology of Ontario
- National Pollutant Release Inventory [NPRI] database
- Niagara Peninsula Conservation Authority [NPCA] Watershed Explorer
- Nutrient Managing Act
- Ontario Base Mapping
- Ontario Inventory of PCB Storage Site October 1991, Ministry of the Environment, January 1992.
- Ontario Oil, Gas, and Salt Resources Library
- Ontario Power Generation; Niagara Tunnel Project <https://www.opg.com/strengthening-the-economy/our-projects/niagara-tunnel/>
- Ontario Water Resources Act
- Safe Drinking Water Act
- Source Protection Information Atlas [MECP]
- Technical Safety and Standards Authority [TSSA] Fuel Storage Information
- Topographic Maps of Niagara Region, <https://brock.maps.arcgis.com/>
- Waste Disposal Site Inventory, Ministry of the Environment, 1991.

FIGURES

1. SITE LOCATION
2. SITE LAYOUT
3. POTENTIALLY CONTAMINATING ACTIVITIES
4. AREAS OF POTENTIAL ENVIRONMENTAL CONCERN



LEGEND

- Phase One ESA Property Boundary
- 250 m Study Area



CLIENT:

Sam Visca Electric

PROJECT:

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
5584 Fraser Street,
Niagara Falls, Ontario

TITLE:

SITE LOCATION PLAN

DRAWN BY:

DN

CHECKED BY:

JM

DATE:

January 2022

PROJECT NO:

NS22122-01

SCALE:

AS SHOWN

NO:

Figure 1

REFERENCE: BASE MAP PROVIDED BY NIAGARA NAVIGATOR, <https://maps-beta.niagararegion.ca/Navigator/>
NOTE: FOR ILLUSTRATION PURPOSES ONLY, ALL LOCATIONS APPROXIMATE.



LEGEND

Phase One ESA Property Boundary



CLIENT:

Sam Visca Electric

PROJECT:

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
5584 Fraser Street,
Niagara Falls, Ontario**

TITLE:

SITE LAYOUT & FEATURES

DRAWN BY:

DN

CHECKED BY:

JM

DATE:

January 2022

PROJECT NO:

NS22122-01

SCALE:

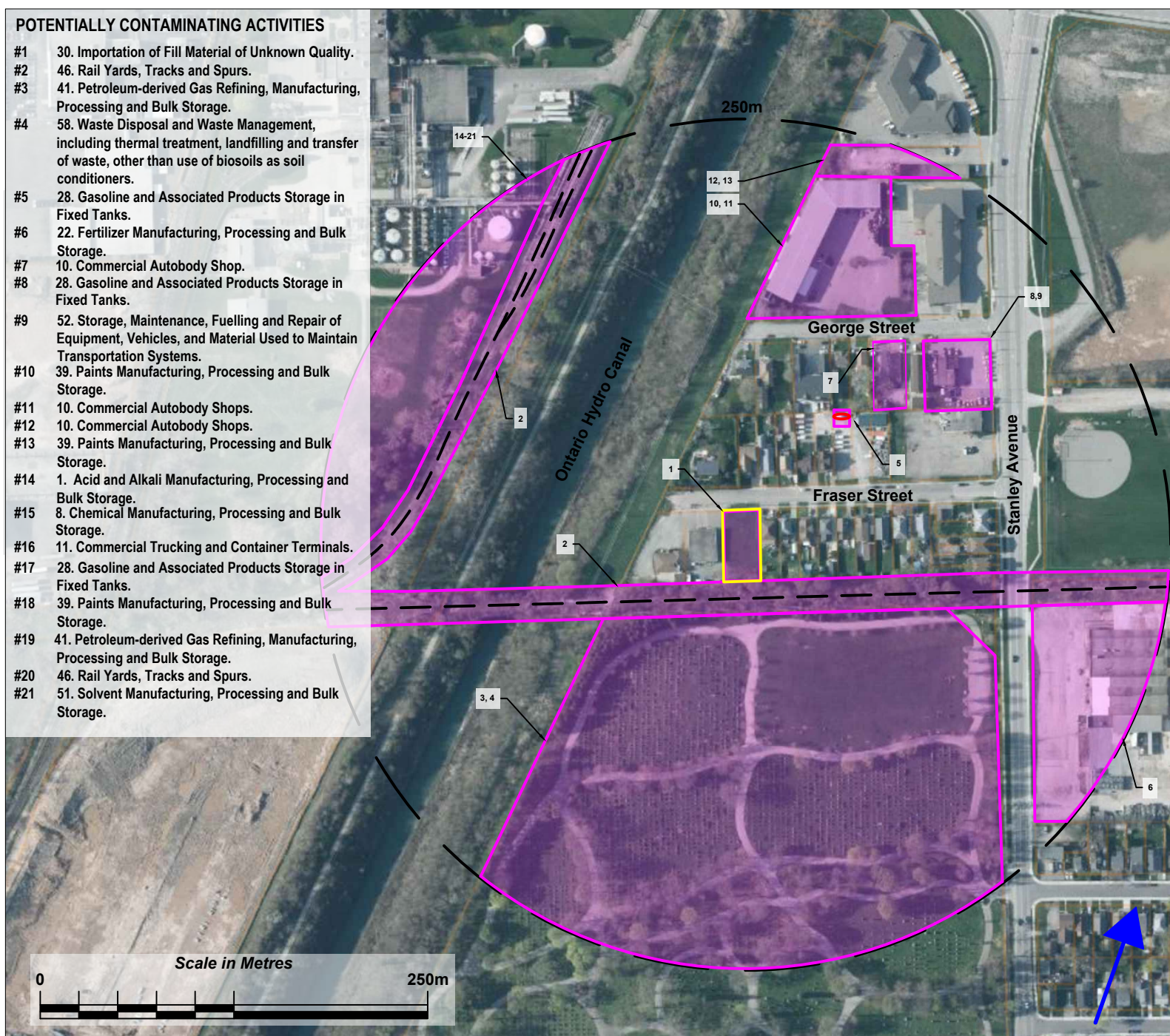
AS SHOWN

NO:

Figure 2

POTENTIALLY CONTAMINATING ACTIVITIES

- #1 30. Importation of Fill Material of Unknown Quality.
- #2 46. Rail Yards, Tracks and Spurs.
- #3 41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage.
- #4 58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.
- #5 28. Gasoline and Associated Products Storage in Fixed Tanks.
- #6 22. Fertilizer Manufacturing, Processing and Bulk Storage.
- #7 10. Commercial Autobody Shop.
- #8 28. Gasoline and Associated Products Storage in Fixed Tanks.
- #9 52. Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems.
- #10 39. Paints Manufacturing, Processing and Bulk Storage.
- #11 10. Commercial Autobody Shops.
- #12 10. Commercial Autobody Shops.
- #13 39. Paints Manufacturing, Processing and Bulk Storage.
- #14 1. Acid and Alkali Manufacturing, Processing and Bulk Storage.
- #15 8. Chemical Manufacturing, Processing and Bulk Storage.
- #16 11. Commercial Trucking and Container Terminals.
- #17 28. Gasoline and Associated Products Storage in Fixed Tanks.
- #18 39. Paints Manufacturing, Processing and Bulk Storage.
- #19 41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage.
- #20 46. Rail Yards, Tracks and Spurs.
- #21 51. Solvent Manufacturing, Processing and Bulk Storage.



LEGEND

- Phase One ESA Property Boundary
- 250 m Study Area
- PCA Areas
- Underground Storage Tanks [UST]
- ➔ Inferred Groundwater Flow Direction



CLIENT:

Sam Visca Electric

PROJECT:

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
5584 Fraser Street,
Niagara Falls, Ontario

TITLE:

**POTENTIALLY
CONTAMINATING ACTIVITIES**

DRAWN BY:

DN

CHECKED BY:

JM

DATE:

January 2022

PROJECT NO:

NS22122-01

SCALE:

AS SHOWN

NO:

Figure 3

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

NOTE: FOR ILLUSTRATION PURPOSES ONLY, ALL LOCATIONS APPROXIMATE.

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

- #1 30. Importation of Fill Material of Unknown Quality.
- #2 46. Rail Yards, Tracks and Spurs.

Fraser Street



LEGEND

- Phase One ESA Property Boundary
- APEC Areas



CLIENT:
Sam Visca Electric

PROJECT:
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
5584 Fraser Street,
Niagara Falls, Ontario

TITLE:

DRAWN BY: DN

CHECKED BY: JM

DATE: January 2022

PROJECT NO: NS22122-01

SCALE: AS SHOWN

NO:
Figure 4

APPENDIX A

TABLE OF CURRENT AND PAST USE / VERNON'S CITY
DIRECTORY SEARCH/ PARCEL REGISTER / CHAIN OF TITLE

Table of Current and past uses of the Phase One Property”
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

LT 29 PL 31 STAMFORD; LT 30 PL 31 STAMFORD; NIAGARA FALLS. PIN: 64323-0280 [LT]

Year	Name of Owner	Description of Property Use	Property Use	Other observations from aerial photographs, fire insurance plans, etc.
1797	The Crown	Agricultural farmland	Agricultural or other use	1791 Stamford Township Map No. 2 confirms land ownership and use for purposes of farming.
1797 – 1861	John Reilly			Niagara Settlers Land Records, Stamford Map 1862, confirms land ownership and use for the purposes of farming.
1861 – 1861	William Reilly			Township of Stamford [Page’s Atlas 1876, TRW Canada Ltd.] confirms land ownership and use for the purposes of farming.
1861 – 1877	William J. O’Reilly			Historical records show the purchase of 23 acres of land from farmer Adam K. Shugg for Fairview Cemetery [south of subject property].
	Henry Roswell & R.P. Stearns, Trustees of William J. O’Reilly.			Union Publishing Co’s Farmers’ Business Directory for Haldimand, Lincoln, Norfolk and Welland [1884-5] confirms land ownership and use for the purposes of farming.
1877 – 1883	Adam K. Shugg			Further information for this time period unavailable.
1883 – 1884	Isaiah Ryder			Mortgage #3046. Assignment of Mortgage #3972.
1884 – 1885	Squire F. Wilson			Farmers’ and Business Directory for Haldimand, Lincoln, Welland & Wentworth [1887] confirms land ownership and occupation as farmer.
1885 - 1894	John M. Smith			Conveyance Under Power of Sale, April 10, 1894
1894 – 1894	Bosville Place			Further information for this time period unavailable.
1894 – 1904	John M. Smith			Historic topographic maps confirm land use for agricultural purposes.
1904 - 1905	William McGill			The 1914 Vernon’s Farmers and Business Directory for Haldimand, Lincoln, Welland and Wentworth confirms ownership and use of land for farming.
1905 – 1907	William McGill			
1907 – 1914	William H. Bickle			
1914 - 1921	Joseph L. Macartney Ernest E. Macartney Carrie E. Macartney Frank E. Macartney	Agricultural farmland	Agricultural or other use	Joseph L. Macartney, DOD: unknown. Ernest E. Macartney, DOD March 9, 1918. As owners and as Executors of Ernest E. Macartney.
1921 – 1923	Carrie E. Macartney Frank E. Macartney			Grant No. 12832, April 30, 1921.

Year	Name of Owner	Description of Property Use	Property Use	Other observations from aerial photographs, fire insurance plans, etc.
1923 – 1937	Michael Kukulski Anastasia Kukulski	Residential	Residential Use	Michael Kukulski, DOD: unknown. Aerial photographs confirm land use for residential purposes
	Anastasia Yatchuk			Name change, formerly Anastasia Kukulski
1937 – 1946	Anastasia Yatchuk			No additional information available.
	Victoria Moshenko			Grant No. 22929 [Lot 29], August 27, 1937.
1946 – 1946	Walter Vinnick May Vinnick			Grant No. 28084 [Lot 29 & 30] June 14, 1946.
1946 – 1950	Martin Chiki			Grant No. 38119, June 26, 1946.
1950 – 1958	Louis Kulchar Ann Kulchar			Grant No. 44211, June 1, 1950. Historical aerial photographs confirm land use for residential purposes.
1958 – 1962	Nicolo A. Parmigiano			Grant No. AA7535, June 6, 1958.
1962 – 1964	Marie M. Parmigiano			Grant No. AA70524, May 30, 1962.
1964 – 1971	Martin Berov Elizabeth Berov			Grant No. BB15258, September 21, 1964. Historical aerial photographs confirm land use for residential purposes.
1971 – 1976	Alexander Charron			Grant No. 146940, August 16, 1971.
1976 – 1995	Aleksandar Tomin			Grant No. 274002, December 17, 1976.
	Canadian Imperial Bank of Commerce			Mortgage #594099. Historical aerial photographs confirm use of land for residential purposes.
1995 – 1995	Raymond Earl Henderson			Transfer Under Power of Sale. RO684116.
1995 – 2000	Antonio Maiolo Barbara Maiolo			Transfer RO685493. Historical aerial photographs confirm use of land for residential purposes.
2000 – 2007	13697914 Ontario Limited.	Vacant	Residential Use	Transfer LT152794. Historical topographical maps confirm vacant parcel of land with no structures or dwellings.
2007 – 2010	1720756 Ontario Inc.			Transfer LT157922. Aerial photographs confirm vacant parcel of land with no structures or dwellings.
2010 – current	Rita Visca			Transfer SN292478. Site visit confirms vacant parcel of land with no structures or dwellings.

1. For each owner, specify one of the following types of property use (as defined in *O. Reg. 153/04*) that applies:

Agriculture or other use
Commercial use
Community use
Industrial use
Institutional use
Parkland use

Residential use

2. When submitting a record of site condition for filing, a copy of this table must be attached.

*****Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en français, veuillez communiquer avec le ministère de l'Environnement et de l'Action en matière de changement climatique au 1-800-461-6290***

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property: *5584 Fraser Street, Niagara Falls, Ontario*
Report Type: *City Directory*
Order No: *22121900151*
Information Source: *Vernon's Niagara Falls and Niagara on the Lake, Ontario City Directory (LAC)*
Date Completed: *09/01/2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

City Directory Information Source
Vernon's Niagara Falls and Niagara on the Lake, Ontario City Directory

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 2012	
Site Listing:	-No Return
Adjacent Properties:	
5523 Fraser Street	-No Return
5531 Fraser Street	-No Return
5539 Fraser Street	-No Return
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Deep Steam Master Cleaners -Streamline Auto & Marine Upholstery

5610 Fraser Street	-Moose Lodge
5552 George Street	-High Tech Auto Repair
5602 George Street	-Residential (2 Tenants) -Sam Visca Electric
4189 Stanley Avenue	-The House of Comedy

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 2007/08	
Site Listing:	-No Return
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-No Return
5539 Fraser Street	-Residential (1 Tenant)

5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Deep Steam Master Cleaners -Streamline Auto & Marine Upholstery
5610 Fraser Street	-Moose Lodge
5552 George Street	-High Tech Auto Repair -Niagara High Tech Auto Repair
5602 George Street	-Visca Sam Electric -Residential (1 Tenant)
4189 Stanley Avenue	-Monte Cristo's

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 2002/03	
Site Listing:	-No Return
Adjacent Properties:	

5523 Fraser Street	-Residential (2 Tenants)
5531 Fraser Street	-No Return
5539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Magi-Topit Inc -ViscaSeal
5610 Fraser Street	-Moose Lodge
5552 George Street	-High Tech Auto Repair
5602 George Street	-Visca Sam Electric -Residential (1 Tenant)
4189 Stanley Avenue	-Longshot OTB & Sports Bar

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario

Site Address:	5555 Fraser Street, Niagara Falls, Ontario
Year: 1997/98	
Site Listing:	-No Return
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-No Return
5539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-T & D Impex Products Inc (Exclusive Enfield Dealer)
5610 Fraser Street	-Address Not Listed
5552 George Street	-High Tech Auto Repair
5602 George Street	-Regional Siding Window & Door Showroom (M Bangs Constr)

	-Residential (1 Tenant)
4189 Stanley Avenue	-Northend Bar & Grill Inc

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 1993/94	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-No Return
5539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Address Not Listed

5610 Fraser Street	-Address Not Listed
5552 George Street	-High Tech Auto Repair
5602 George Street	-Tomin Industries Inc -Residential (1 Tenant)
4189 Stanley Avenue	-Roundup -Golden Gate Motel

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 1987	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Residential (1 Tenant)

5555 Fraser St

5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Address Not Listed
5610 Fraser Street	-Address Not Listed
5552 George Street	-Stamford Auto Body
5602 George Street	-Tomin Industries Inc -Residential (1 Tenant)
4189 Stanley Avenue	-Casey's Mustache -Golden Gate Motel

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 1982	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	

5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Address Not Listed
5610 Fraser Street	-Address Not Listed
5552 George Street	-Stamford Auto Body
5602 George Street	-Tomin's Aluminum Installations & Home Improvements -Residential (1 Tenant)
4189 Stanley Avenue	-Casey's Mustache -Golden Gate Motel -Residential (1 Tenant)

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario

Site Address:	5555 Fraser Street, Niagara Falls, Ontario
Year: 1977	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Address Not Listed
5610 Fraser Street	-Address Not Listed
5552 George Street	-Stamford Auto Body
5602 George Street	-Address Not Listed

4189 Stanley Avenue	-Golden Gate Motel -Residential (1 Tenant)

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
Year: 1972	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Vacant
5547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street	-Address Not Listed

5610 Fraser Street	-Address Not Listed
5552 George Street	-Stamford Auto Body
5602 George Street	-Address Not Listed
4189 Stanley Avenue	-Slumberland Motel

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1967	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street 1531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Residential (1 Tenant)

1539 Fraser Street	
5547 Fraser Street 1547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street 1555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street 1594 Fraser Street	-Address Not Listed
5610 Fraser Street 1610 Fraser Street	-Address Not Listed
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue 189 Stanley Avenue	-Address Not Listed

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1962	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street 1531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street 1539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street 1547 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street 1555 Fraser Street	-Residential (1 Tenant)

5594 Fraser Street 1594 Fraser Street	-Address Not Listed
5610 Fraser Street 1610 Fraser Street	-Address Not Listed
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue 189 Stanley Avenue	-Address Not Listed

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1957	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	

5523 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street 1531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street 1539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street 1547 Fraser Street	-Residential (2 Tenants)
5555 Fraser Street 1555 Fraser Street	-Residential (2 Tenants)
5594 Fraser Street 1594 Fraser Street	-Address Not Listed
5610 Fraser Street 1610 Fraser Street	-Address Not Listed
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed

4189 Stanley Avenue	-Address Not Listed
189 Stanley Avenue	

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1952	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5523 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5531 Fraser Street 1531 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street 1539 Fraser Street	-Residential (1 Tenant)
5547 Fraser Street 1547 Fraser Street	-Residential (2 Tenants)

5555 Fraser Street 1555 Fraser Street	-Residential (1 Tenant)
5594 Fraser Street 1594 Fraser Street	-Address Not Listed
5610 Fraser Street 1610 Fraser Street	-Address Not Listed
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue 189 Stanley Avenue	-Address Not Listed

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1947	

Site Listing:	-Historic Address Unknown
Adjacent Properties:	
5523 Fraser Street	-Historic Address Unknown
5531 Fraser Street 1507 Fraser Street	-Residential (2 Tenants)
5539 Fraser Street	-Historic Address Unknown
5547 Fraser Street 1523 Fraser Street	-Residential (3 Tenants)
5555 Fraser Street 1555 Fraser Street	-Historic Address Unknown
5594 Fraser Street	-Historic Address Unknown
5610 Fraser Street	-Historic Address Unknown
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street	-Address Not Listed

1602 George Street	
4189 Stanley Avenue	-Address Not Listed
189 Stanley Avenue	

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario
	1584 Fraser Street, Niagara Falls, Ontario
Year: 1942	
Site Listing:	-Historic Address Unknown
Adjacent Properties:	
5523 Fraser Street	-Historic Address Unknown
5531 Fraser Street	-Residential (1 Tenant)
1507 Fraser Street	
5539 Fraser Street	-Historic Address Unknown
5547 Fraser Street	-Residential (1 Tenant)
1523 Fraser Street	

5555 Fraser Street 1555 Fraser Street	-Historic Address Unknown
5594 Fraser Street	-Historic Address Unknown
5610 Fraser Street	-Historic Address Unknown
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue 189 Stanley Avenue	-Address Not Listed

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1939	
Site Listing:	-Historic Address Unknown
Adjacent Properties:	

5523 Fraser Street	-Historic Address Unknown
5531 Fraser Street 1507 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Historic Address Unknown
5547 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street 1555 Fraser Street	-Historic Address Unknown
5594 Fraser Street	-Historic Address Unknown
5610 Fraser Street	-Historic Address Unknown
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue	-Address Not Listed

189 Stanley Avenue	
--------------------	--

PROJECT NUMBER: 22121900151	
Site Address:	5584 Fraser Street, Niagara Falls, Ontario 1584 Fraser Street, Niagara Falls, Ontario
Year: 1934	
Site Listing:	-Historic Address Unknown
Adjacent Properties:	
5523 Fraser Street	-Historic Address Unknown
5531 Fraser Street 1507 Fraser Street	-Residential (1 Tenant)
5539 Fraser Street	-Historic Address Unknown
5547 Fraser Street 1523 Fraser Street	-Residential (1 Tenant)
5555 Fraser Street 1555 Fraser Street	-Historic Address Unknown

5594 Fraser Street	-Historic Address Unknown
5610 Fraser Street	-Historic Address Unknown
5552 George Street 1552 George Street	-Address Not Listed
5602 George Street 1602 George Street	-Address Not Listed
4189 Stanley Avenue 189 Stanley Avenue	-Address Not Listed

*****There is a shift in civic addresses in 1967. Adjustments have been made where possible to give accurate information, based on patterns in address changes and matching prior tenants where possible.*****

*****There is a shift in civic addresses in 1947. Unfortunately, it was impossible to discern what most of the addresses may have switched to in this year via previous tenants.*****

*****Niagara Falls, Ontario is listed within the city directory archives from 1934-2012.*****

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

PROPERTY DESCRIPTION: LT 29 PL 31 STAMFORD; LT 30 PL 31 STAMFORD ; NIAGARA FALLS

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

1999/08/16

OWNERS' NAMES

VISCA, RITA

CAPACITY SHARE

ROWN

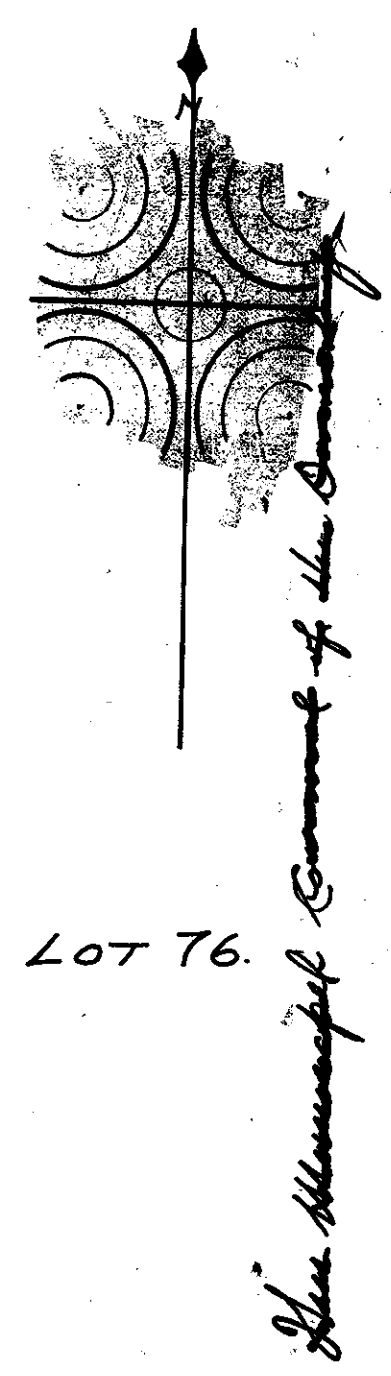
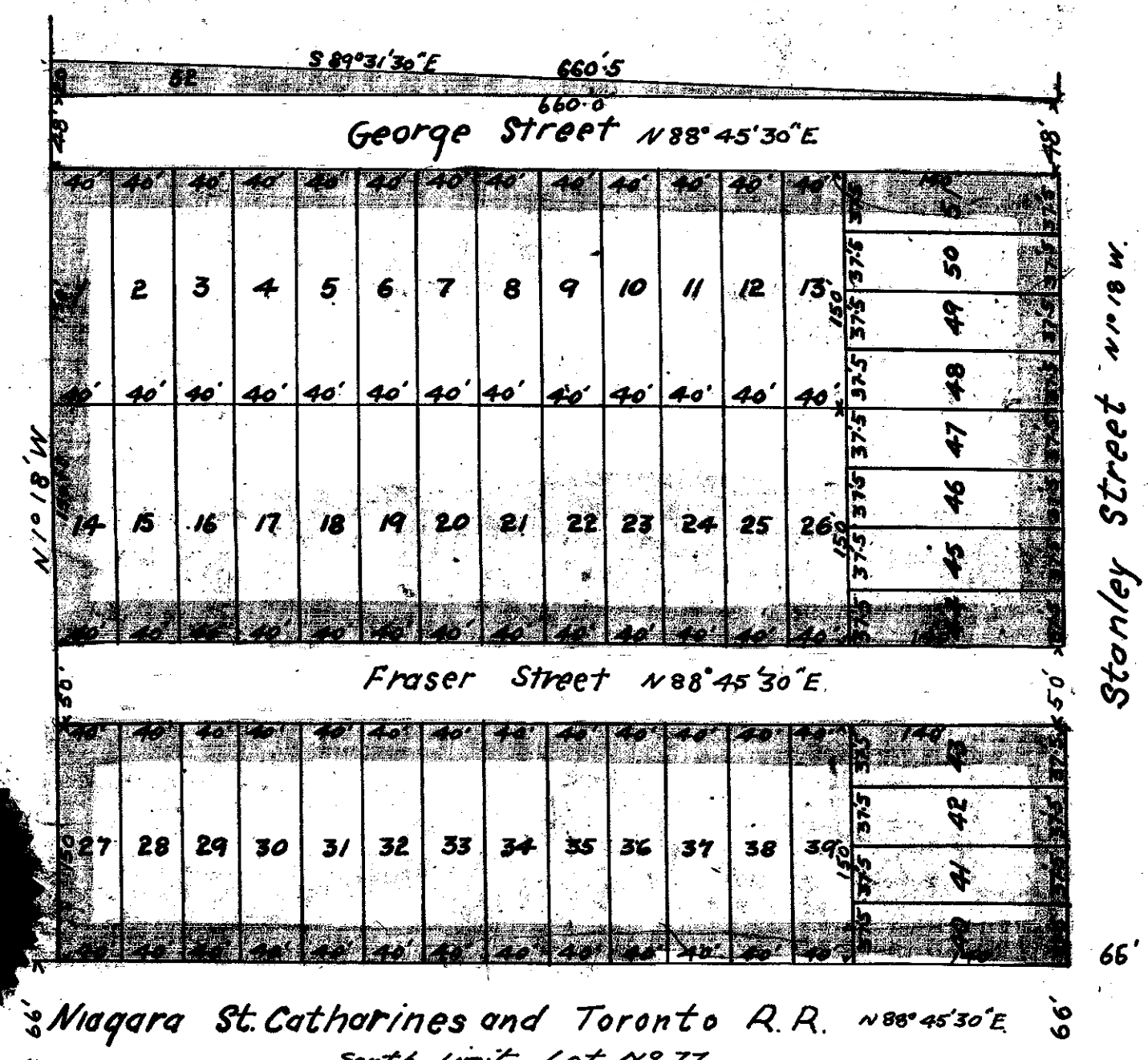
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
<div><div>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1999/08/16 ON THIS PIN**</div><div>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/08/16**</div><div>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1999/08/13 **</div><div>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</div><div>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</div><div>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</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>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</div><div>** CONVENTION.</div><div>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</div><div>**DATE OF CONVERSION TO LAND TITLES: 1999/08/16 **</div></div>						
RO685493	1995/03/01	TRANSFER		*** COMPLETELY DELETED ***	MAIOLO, ANTONIO MAIOLO, BARBARA	
LT152794	2000/03/06	TRANSFER		*** COMPLETELY DELETED *** MAIOLO, ANTONIO MAIOLO, BARBARA	1397914 ONTARIO LIMITED	
REMARKS: PLANNING ACT STATEMENT						
SN157922	2007/04/03	TRANSFER		*** COMPLETELY DELETED *** 1397914 ONTARIO LIMITED	1720756 ONTARIO INC.	
REMARKS: PLANNING ACT STATEMENTS						
SN292478	2010/09/09	TRANSFER	\$75,000	1720756 ONTARIO INC.	VISCA, RITA	C

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.

31

No. 31.

PLAN
OF SUBDIVISION OF PART OF
LOT N^o 77
TOWNSHIP OF STAMFORD
Scale: - 100 feet = 1 inch.



LOT 76.

I hereby certify that the within plan is duly entered and filed in the Registry Office for the County of Welland in plan Index Book N^o 1 for said County at 3:20 O'clock P.M. of the 9 day of Feb'y AD 1905 as plan N^o 31 for the Township of Stamford
J. Brown
Registrar

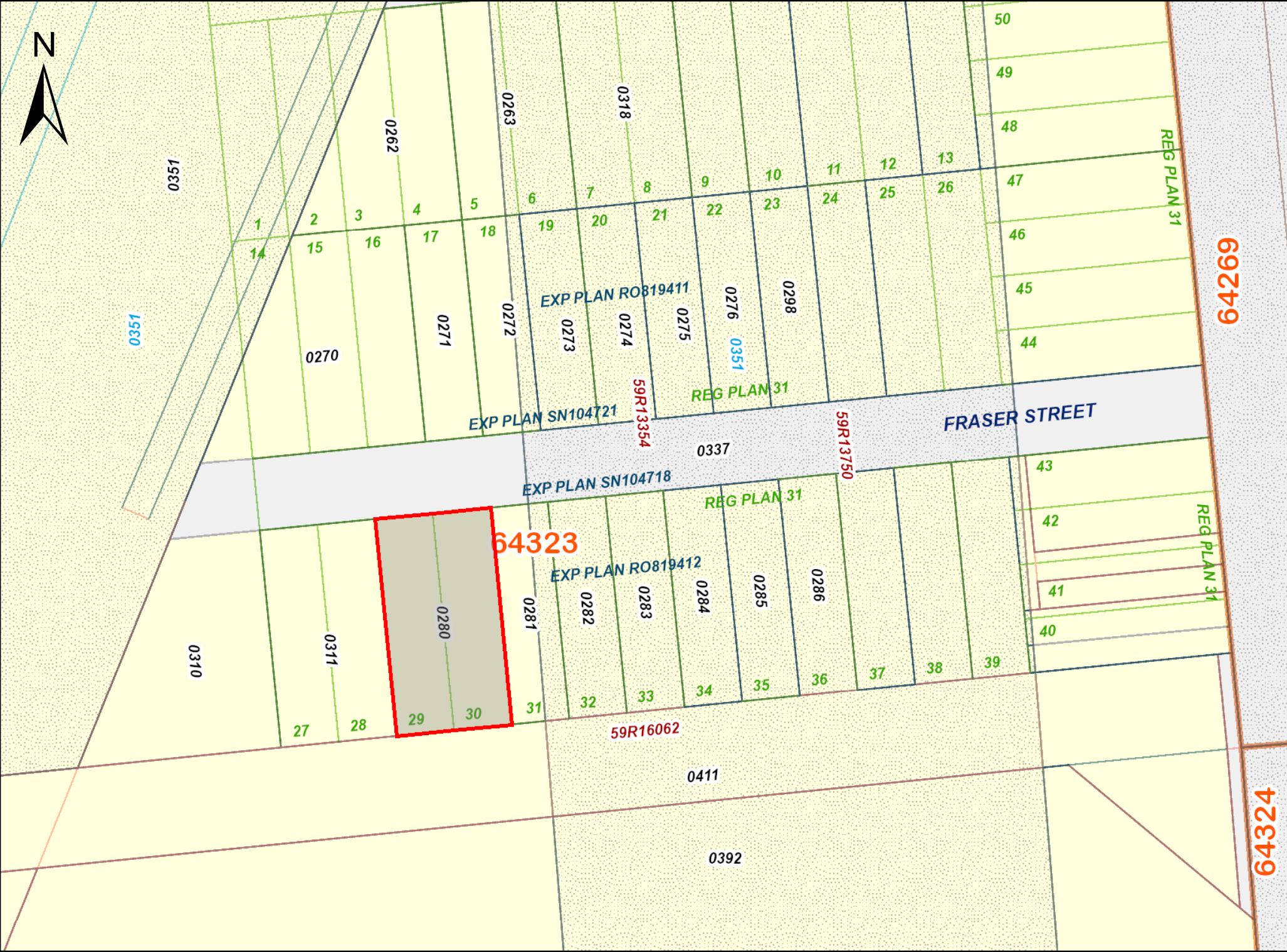
SURVEYOR'S CERTIFICATE
I hereby certify that this Plan accurately shows the manner in which the land included therein has been surveyed and subdivided by me, and that the said Plan is prepared in accordance with the provisions of the Registry Act.

Dated at Niagara Falls Canada the 16th day of Jan'y 1905 Ontario Land Surveyor.

OWNER'S CERTIFICATE
The Lots tinted "Red" and the Streets tinted "Brown" are laid out in accordance with our instructions
Witness *H. Hadden*

AFFIDAVIT OF WITNESS
County of Welland } *J. Fraser* Mayor of the City of Niagara Falls
To Wit
+ of the _____ in the County of Welland make oath and say
1. That I was personally present and did see the within Plan and duplicate duly signed sealed and executed by *William McFarlane*
2. That the said Plan and duplicate were executed at the City of Niagara Falls
3. That I know the said party
4. That I am a subscribing witness to said Plan and duplicate *H. Hadden*
Sworn before me at the City of Niagara Falls in the County of Welland this 26th day of January AD 1905
W. H. Hadden
A Commissioner

The Municipal Council of the Township of Stamford hereby assents to the registration of this Plan.
J. E. Jones Clerk Town of Stamford



PROPERTY INDEX MAP
NIAGARA SOUTH(No. 59)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

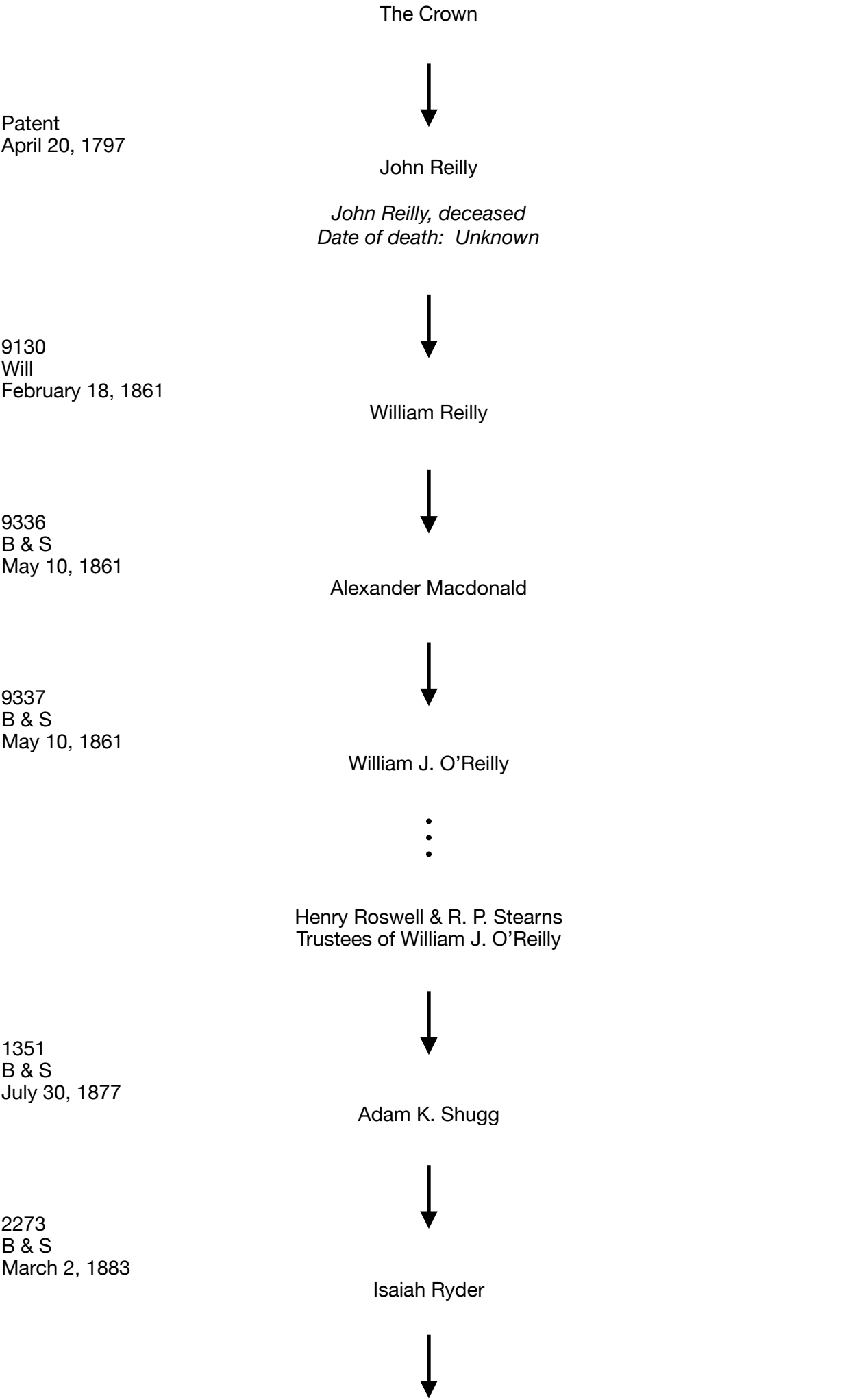
REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



HISTORICAL CHAIN OF TITLE

5584 Fraser Street, Niagara Falls
Pin: 64323-0280(LT)

LT 29 PL 31 STAMFORD; LT 30 PL 31 STAMFORD; NIAGARA FALLS



2399
B & S
January 17, 1884

Squire F. Wilson



2644
B & S
October 20, 1885

John M. Smith

Mortgage #3046
Assignment of Mortgage #3972

John M. Smith



3973
Conveyance
Under Power of Sale
April 10, 1894

Bosville Place



3974
B & S
April 10, 1894

John M. Smith



5617
B & S
May 28, 1904

William McGill



Plan 31 Registered February 9, 1905



William McGill



6378
B & S
March 28, 1907

William H. Bickle



9111
Quit Claim
February 20, 1914

Joseph L. Macartney

Joseph L. Macartney, deceased
Date of death: Unknown

It appears the lands were left to
Ernest E. Macartney, Carrie E. Macartney
And Frank E. Macartney

Ernest E. Macartney, deceased
Date of death: March 9, 1918

Carrie E. Macartney
Frank E. Macartney, as owners and as
Executors of Ernest E. Macartney



12832
Grant
April 30, 1921

Carrie E. Macartney
Frank E. Macartney



13840
Grant
June 6, 1923

Michael Kukulski
Anastasia Kukulski

Michael Kukulski, deceased
Date of death: Unknown

Anastasia Yatchuk
(Formerly Anastasia Kukulski)



22929
Grant
August 27, 1937
(Lot 29)

Victoria Moshenko



38084
Grant
June 14, 1946
(Lot 29 & 30)

Walter Vinnick
May Vinnick



38119
Grant
June 26, 1946

Martin Chiki



44211
Grant
June 1, 1950

Louis Kulchar
Ann Kulchar



AA7535
Grant
June 6, 1958

Nicolò A. Parmigiano



AA70524
Grant
May 30, 1962

Marie M. Parmigiano



BB15258
Grant
September 21, 1964

Martin Berov
Elizabeth Berov



146940
Grant
August 16, 1971

Alexander Charron



274002
Grant
December 17, 1976

Aleksandar Tomin

Mortgage #594099

Canadian Imperial Bank of Commerce



RO684116
Transfer Under
Power of Sale
January 30, 1995

Raymond Earl Henderson



RO685493
Transfer
March 1, 1995

Antonio Maiolo
Barbara Maiolo



LT152794
Transfer
March 6, 2000

1397914 Ontario Limited



LT157922
Transfer
April 3, 2007

1720756 Ontario Inc.

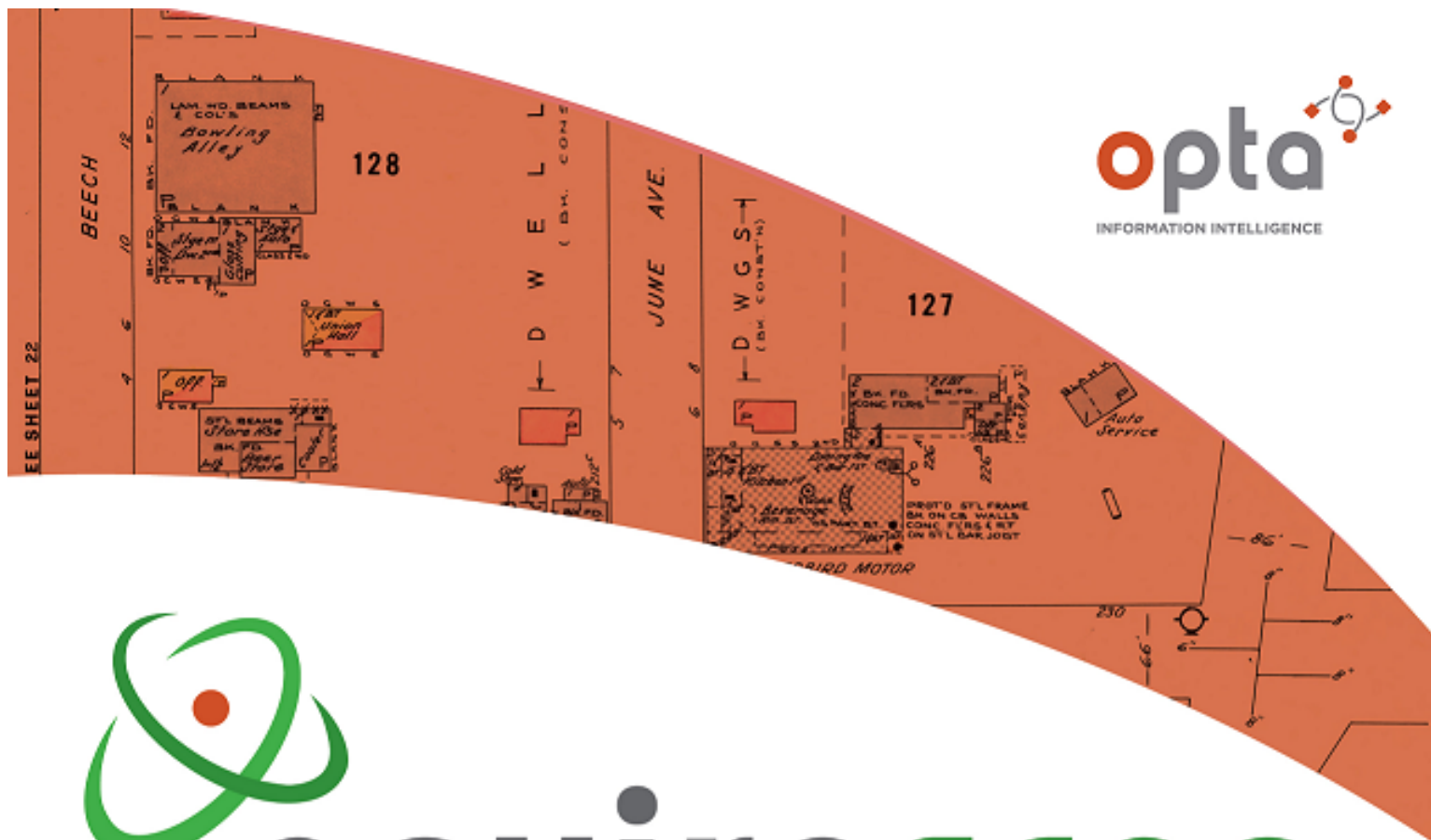


SN292478
Transfer
September 9, 2010

Rita Visca
(CURRENT OWNER)

APPENDIX B

FIRE INSURANCE PLANS, INSURANCE REPORTS & OTHER
ENVIRONMENTAL SOURCE INFORMATION



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:
Stephanie

Site Address:

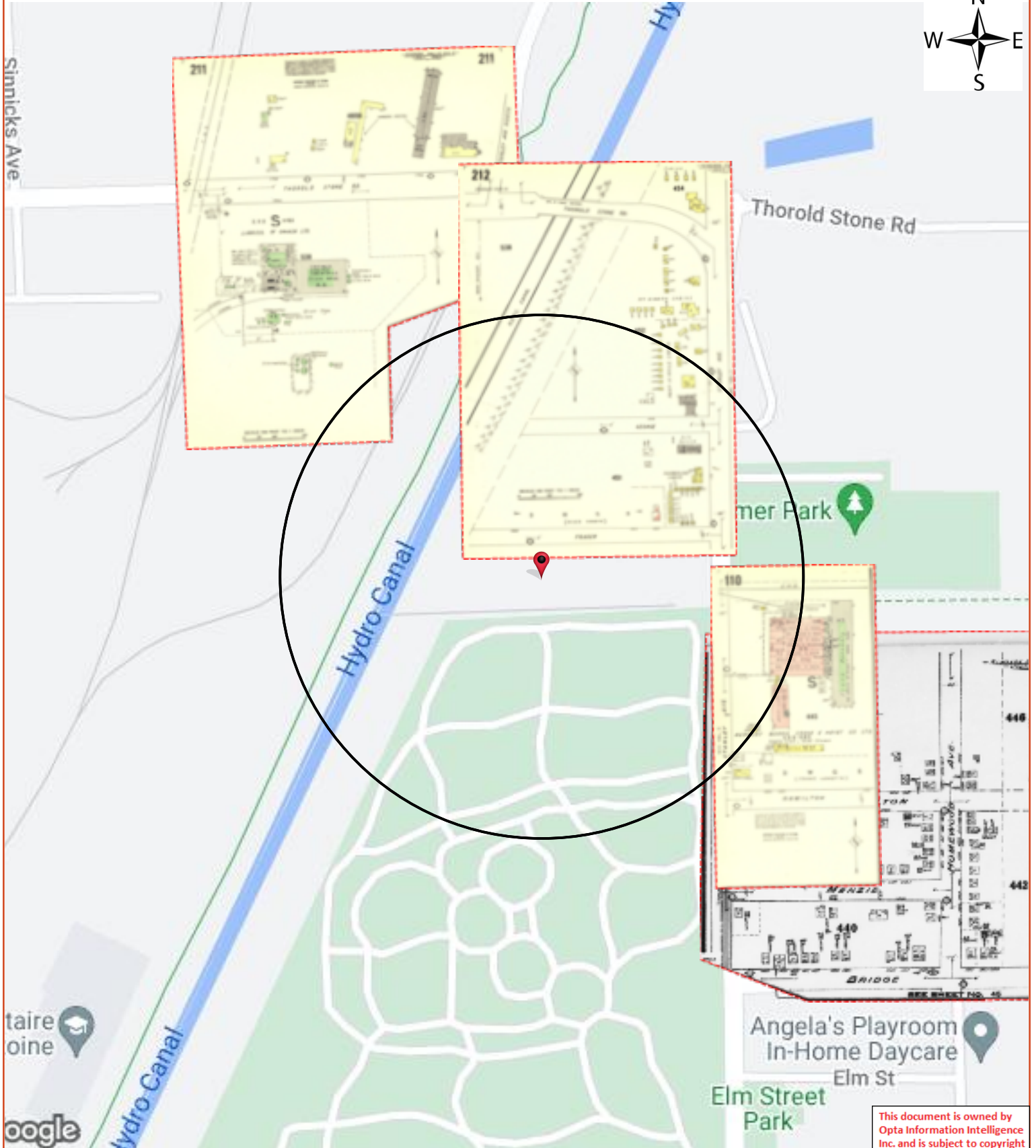
5584 Fraser Street Niagara Falls ON
Project No:

22120400002
Opta Order ID:

121724

Requested by:
Eleanor Goolab
Ecolog Eris

Date Completed:
12/9/2022 7:02:06 PM



Opta Historical Environmental Services EnviroscanTM

Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Report Index

Requested by:
Eleanor Goolab

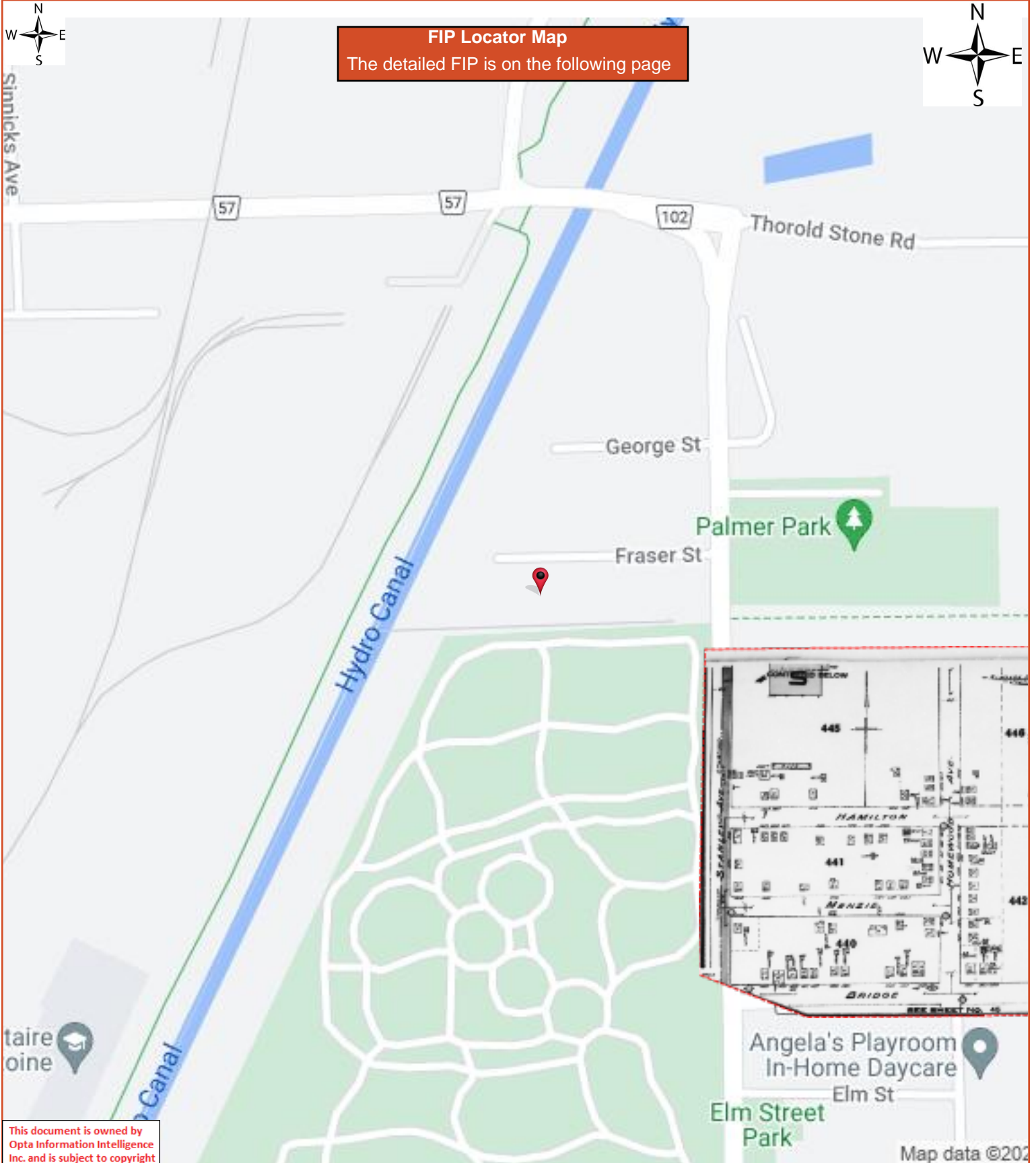
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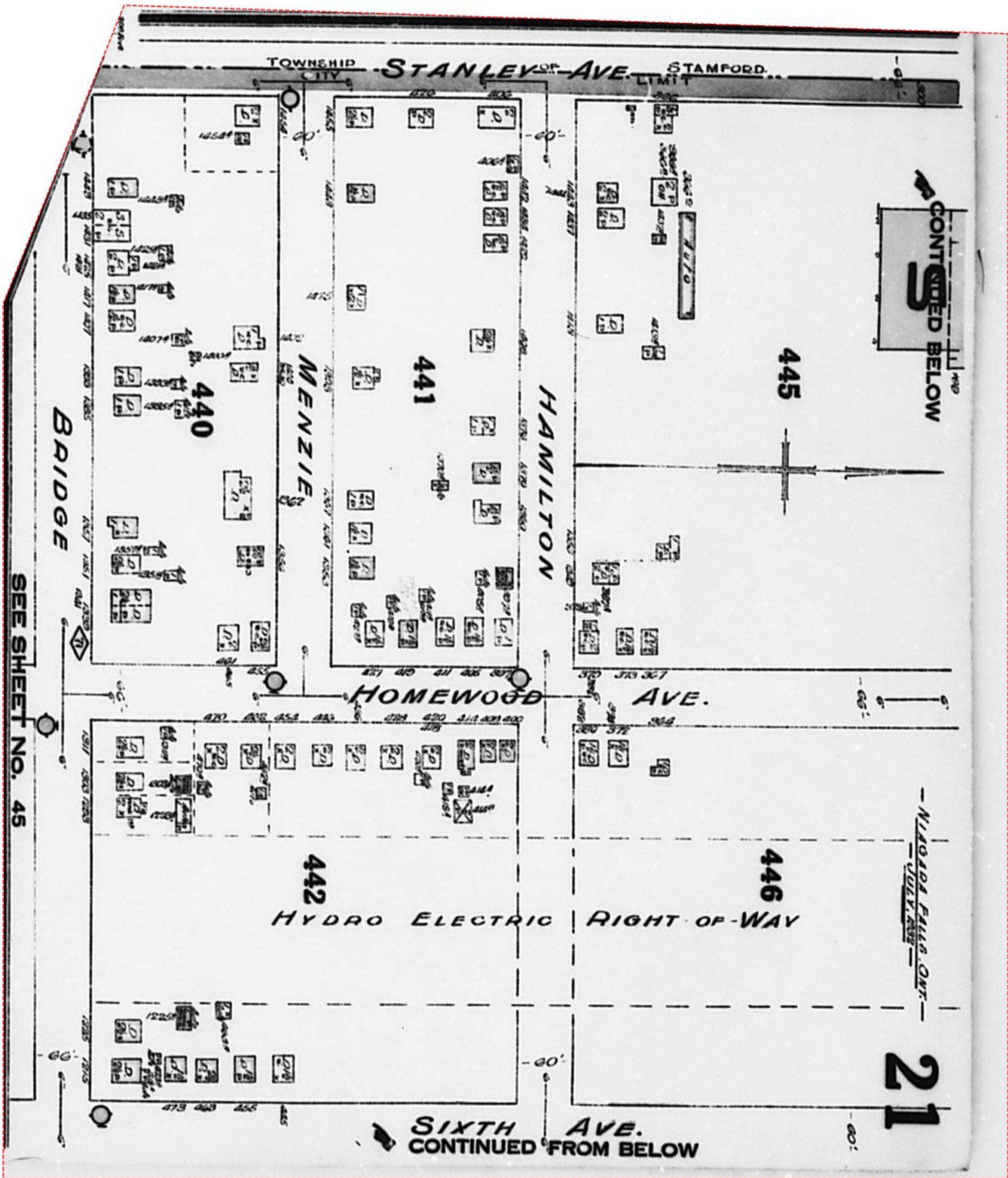


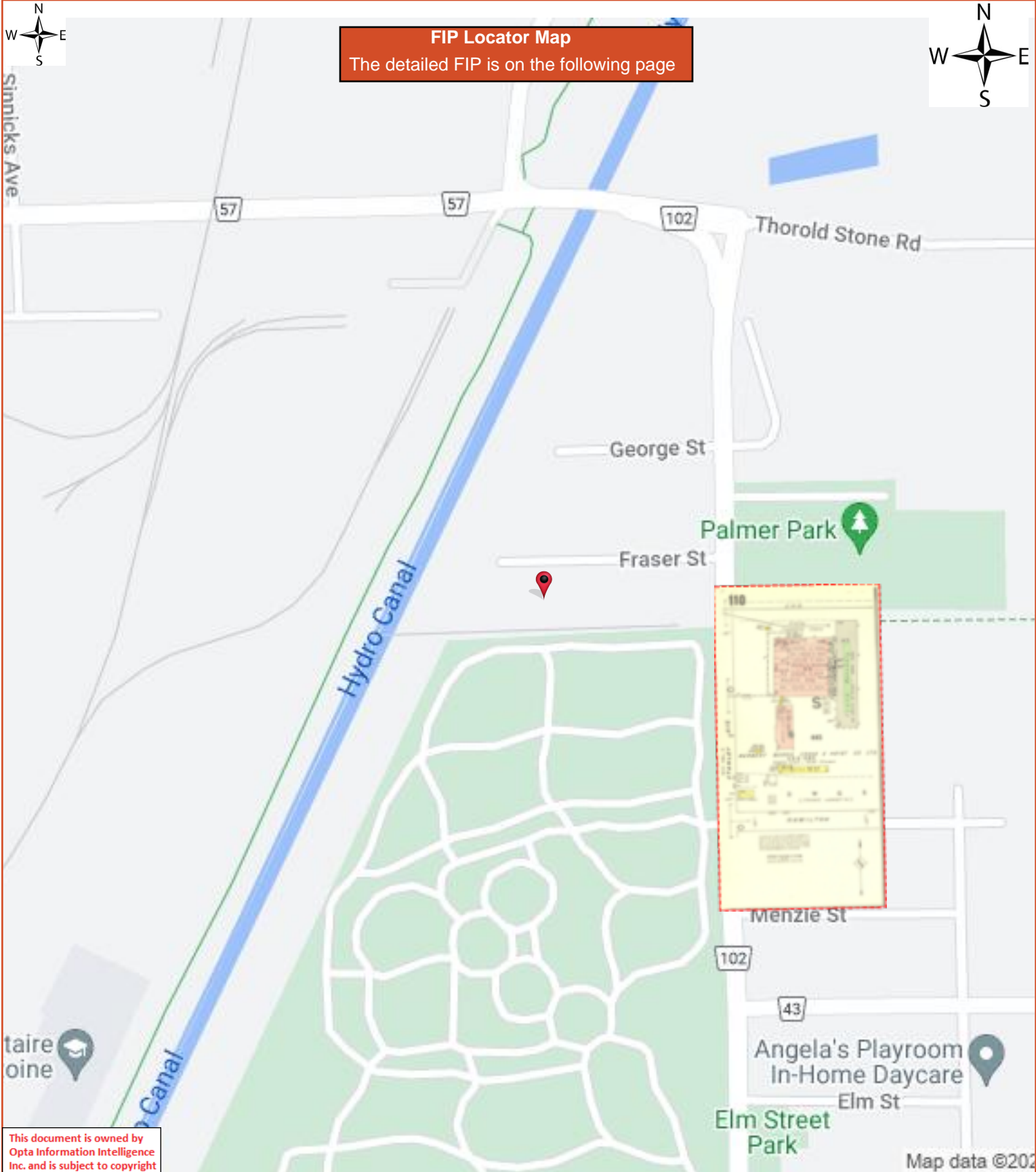
OPTA INFORMATION INTELLIGENCE

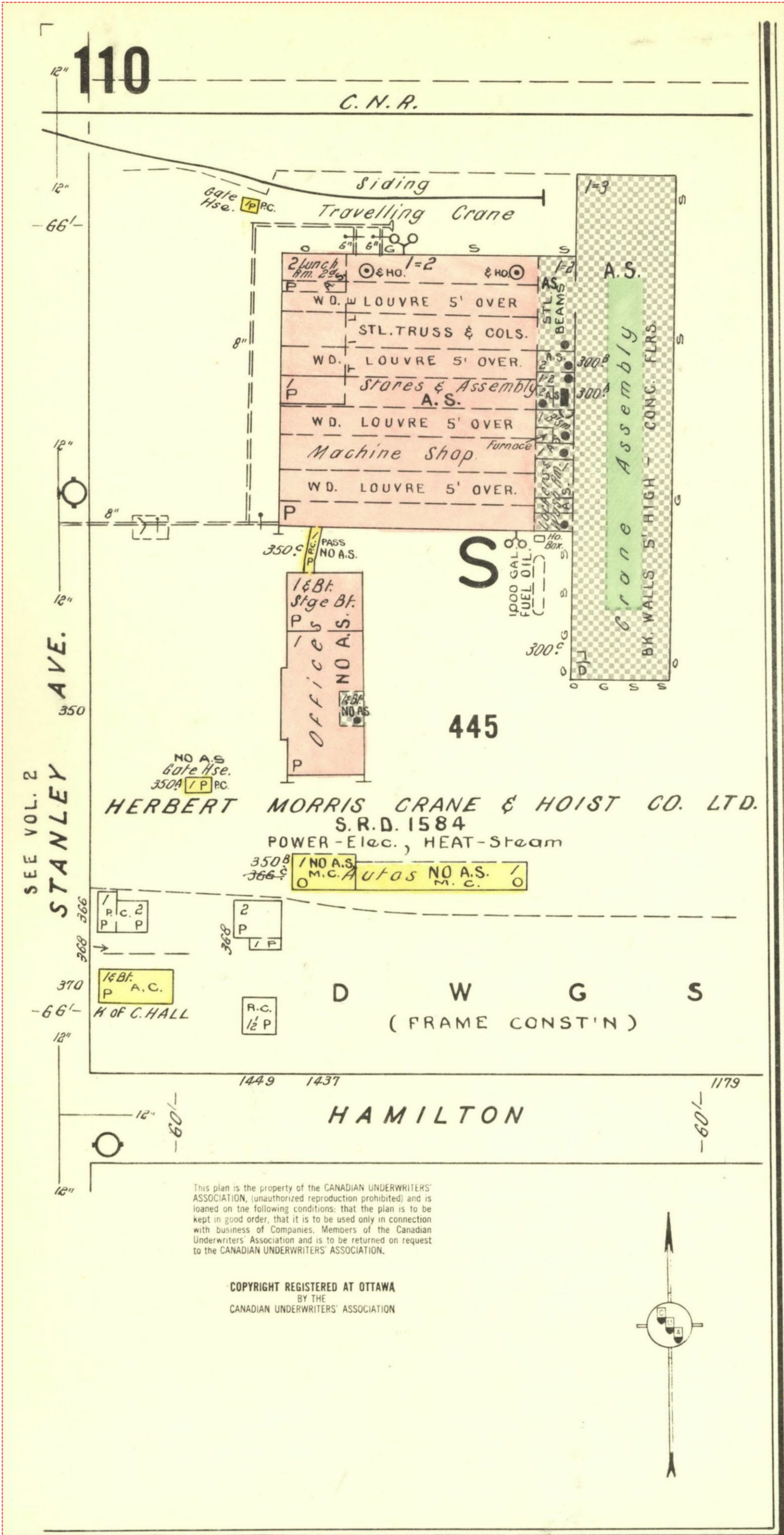
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6	(1932) Volume: Niagara Falls - Chippawa Firemap: 21
8	(1965) Volume: Niagara Falls Volume 1 Firemap: 110
10	(1965) Volume: Niagara Falls Volume 2 Firemap: 211
12	(1965) Volume: Niagara Falls Volume 2 Firemap: 212







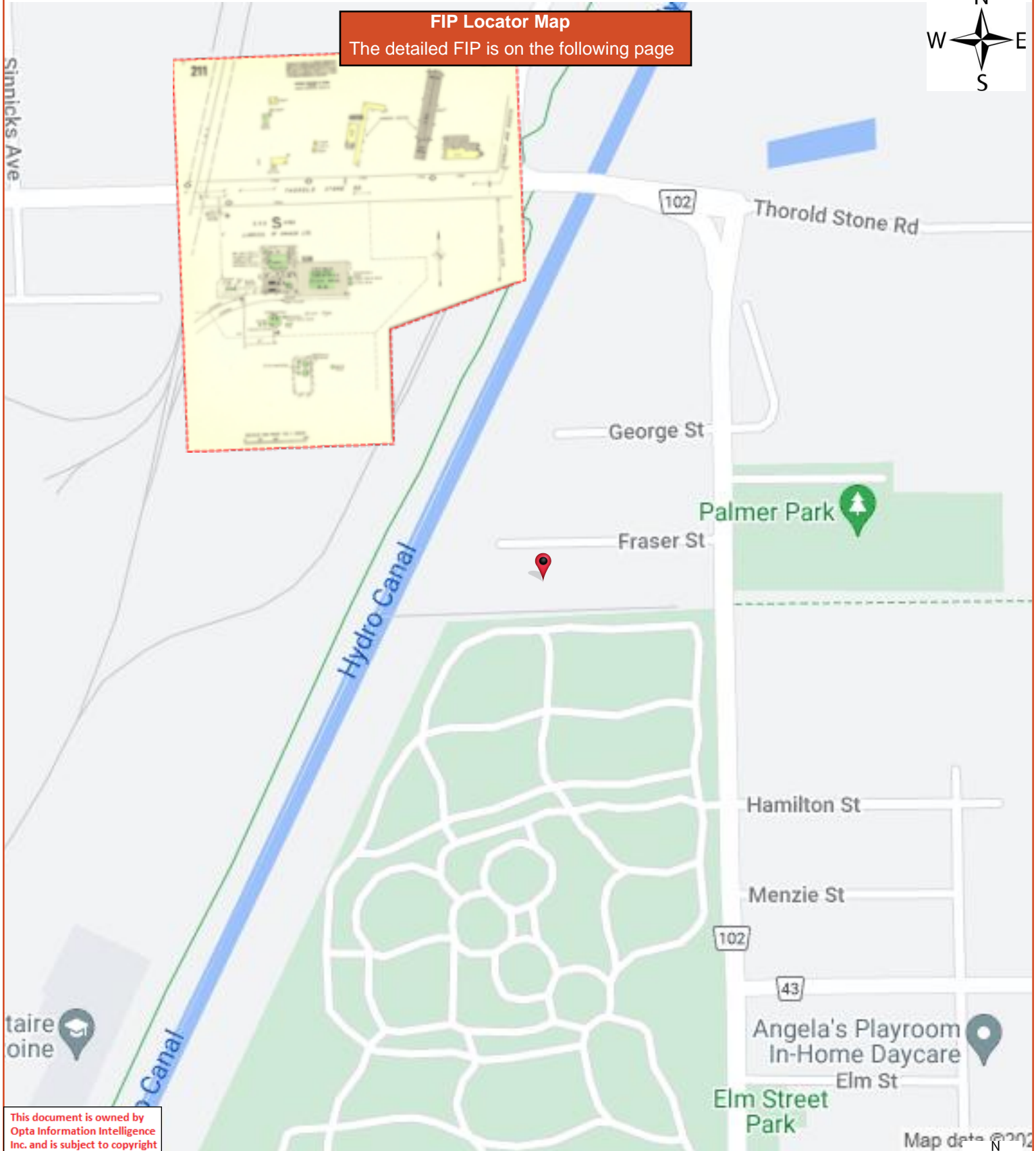


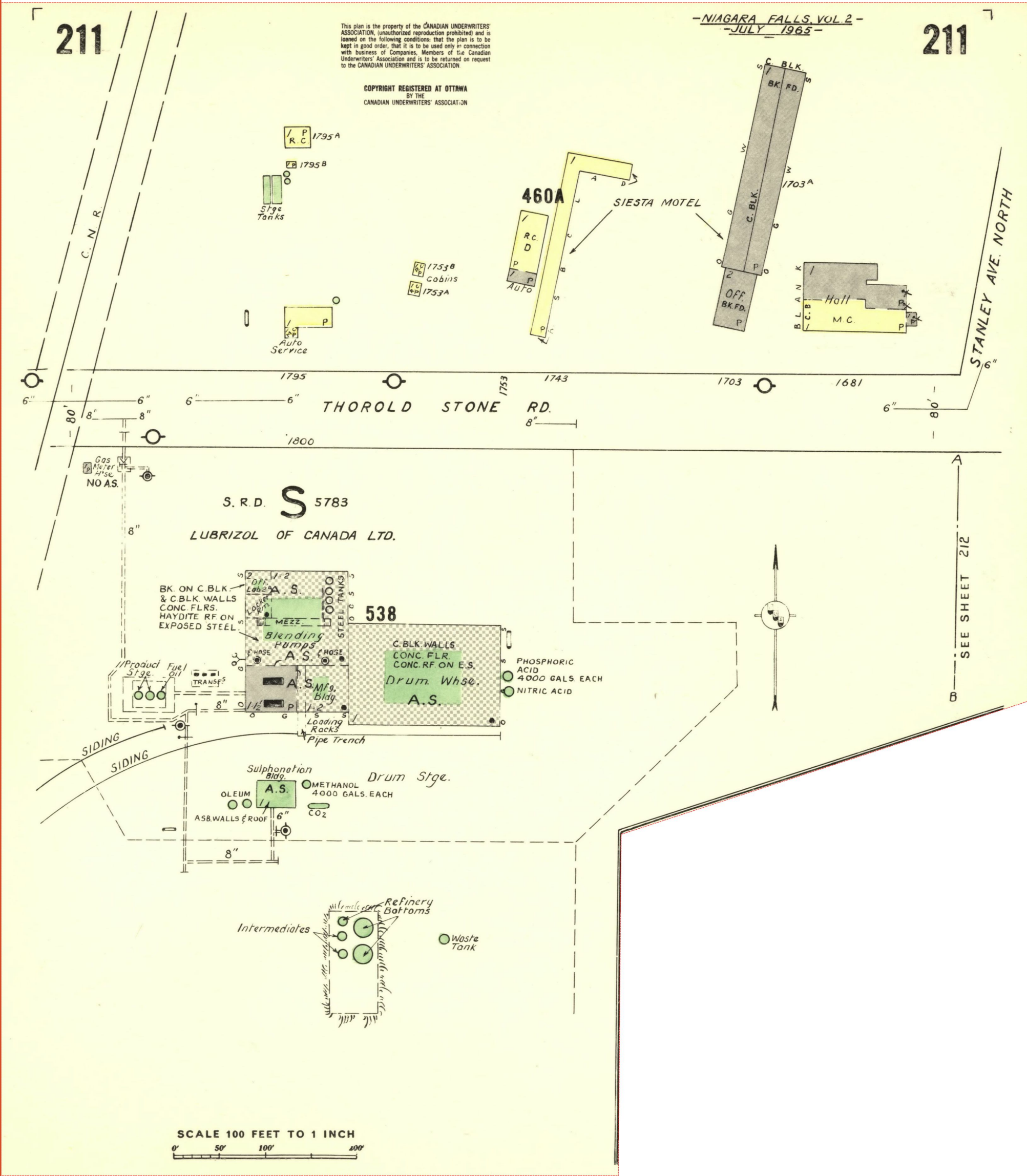




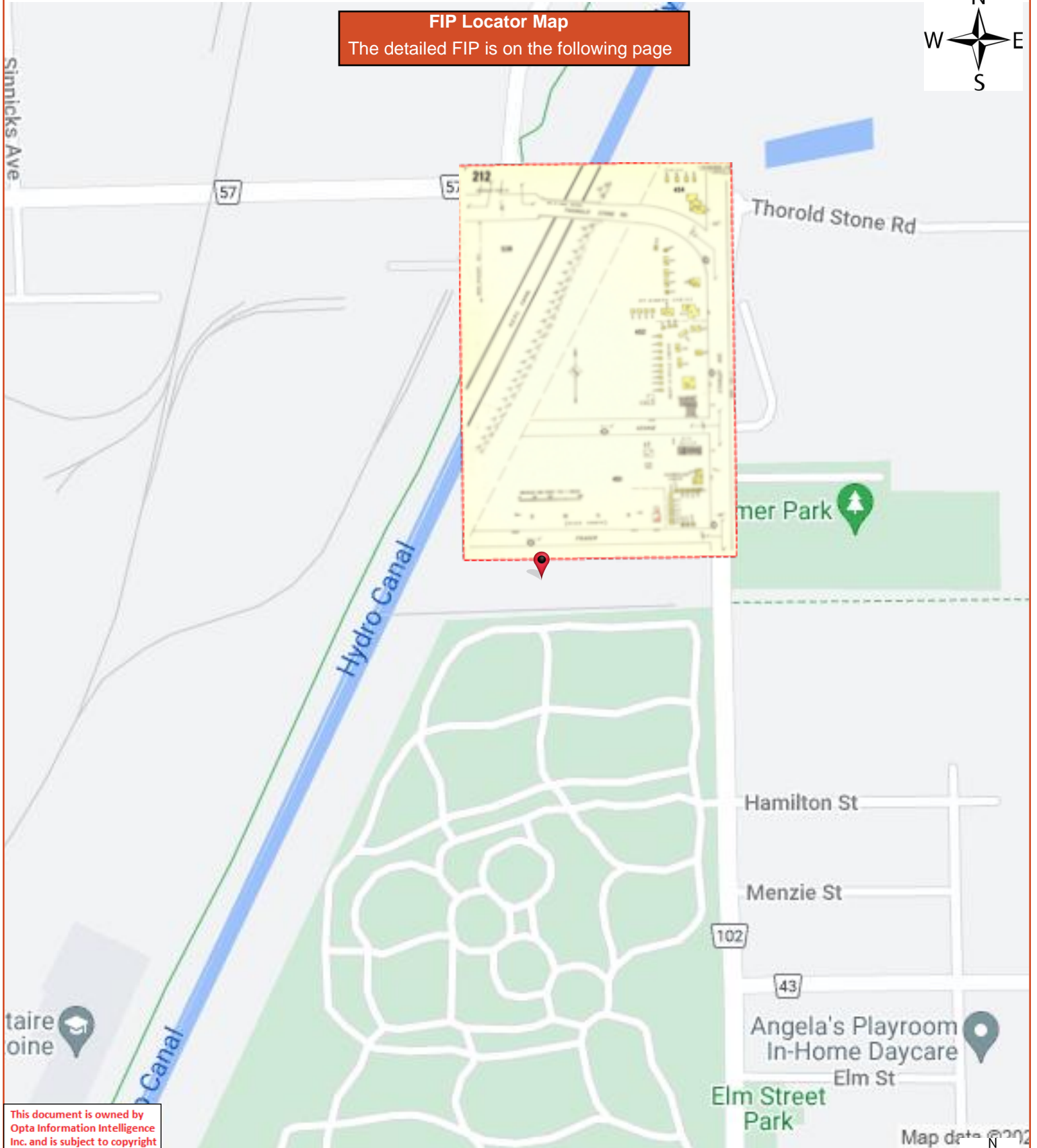
FIP Locator Map

The detailed FIP is on the following page



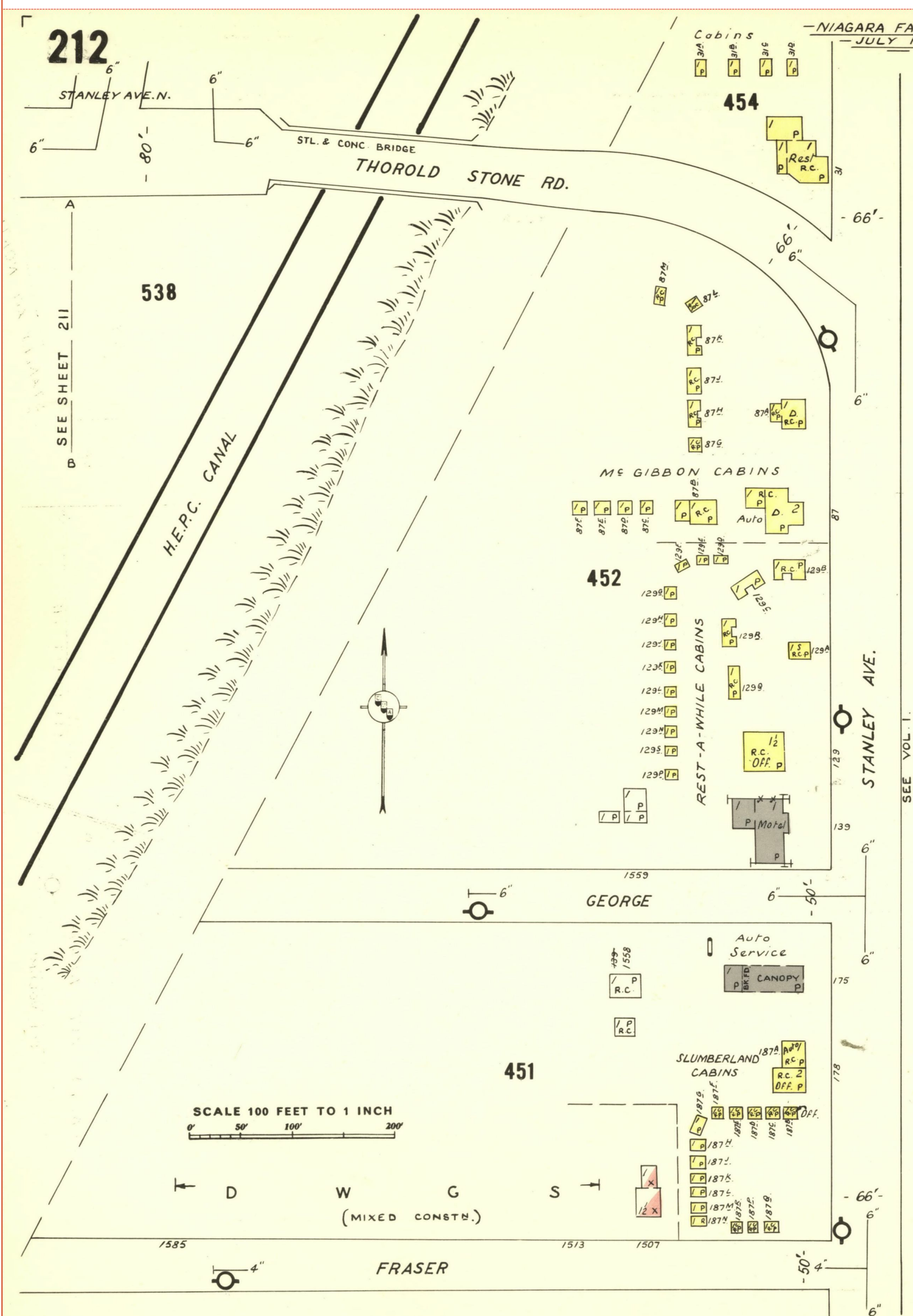


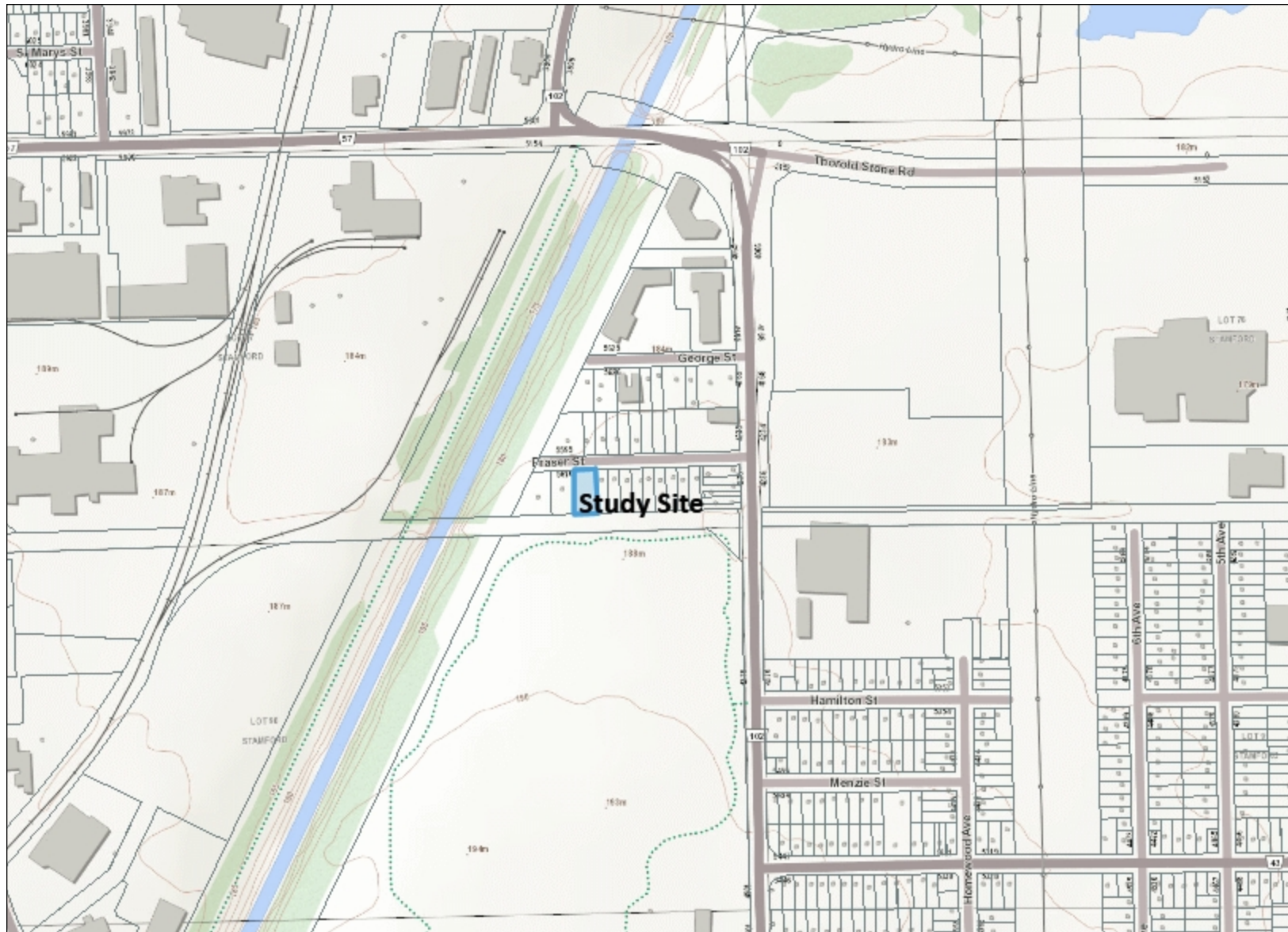
FIP Locator Map
The detailed FIP is on the following page



Map data 2022







Legend

- Building as Symbol
- Building to Scale
- Airport
- Helipoint \ Hospital Helipoint
- Seaplane Base
- Ferry Route
- Trail Head \ Trail
- Railway \ Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major \ Minor)
- Winter Road
- Road with Bridge
- Road with Tunnel
- Primary, Kings or 400 Series Highway
- Secondary Highway
- Tertiary Highway
- District, County, Regional or Municipal Road
- Toll Highway
- One Way Road
- Road with Permanent Blocked Passage
- Road with Address Ranges
- Hydro Line, Communication Line or Unknown Transmission Line
- Natural Gas Pipeline, Water Pipeline or Unknown Pipeline
- Spot Height
- Index Contour
- Contour
- Wooded Area
- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rapids \ Falls
- Rapids
- Rocks
- Lock Gate
- Dam \ Hydro Wall
- Dam \ Hydro Wall
- Provincial \ State Boundary
- International Boundary
- Upper Tier \ District Municipal Boundary
- Lower Tier \ Single Tier Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands

0 0.3 km

Projection: Web Mercator



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

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VERNON'S CITY DIRECTORIES

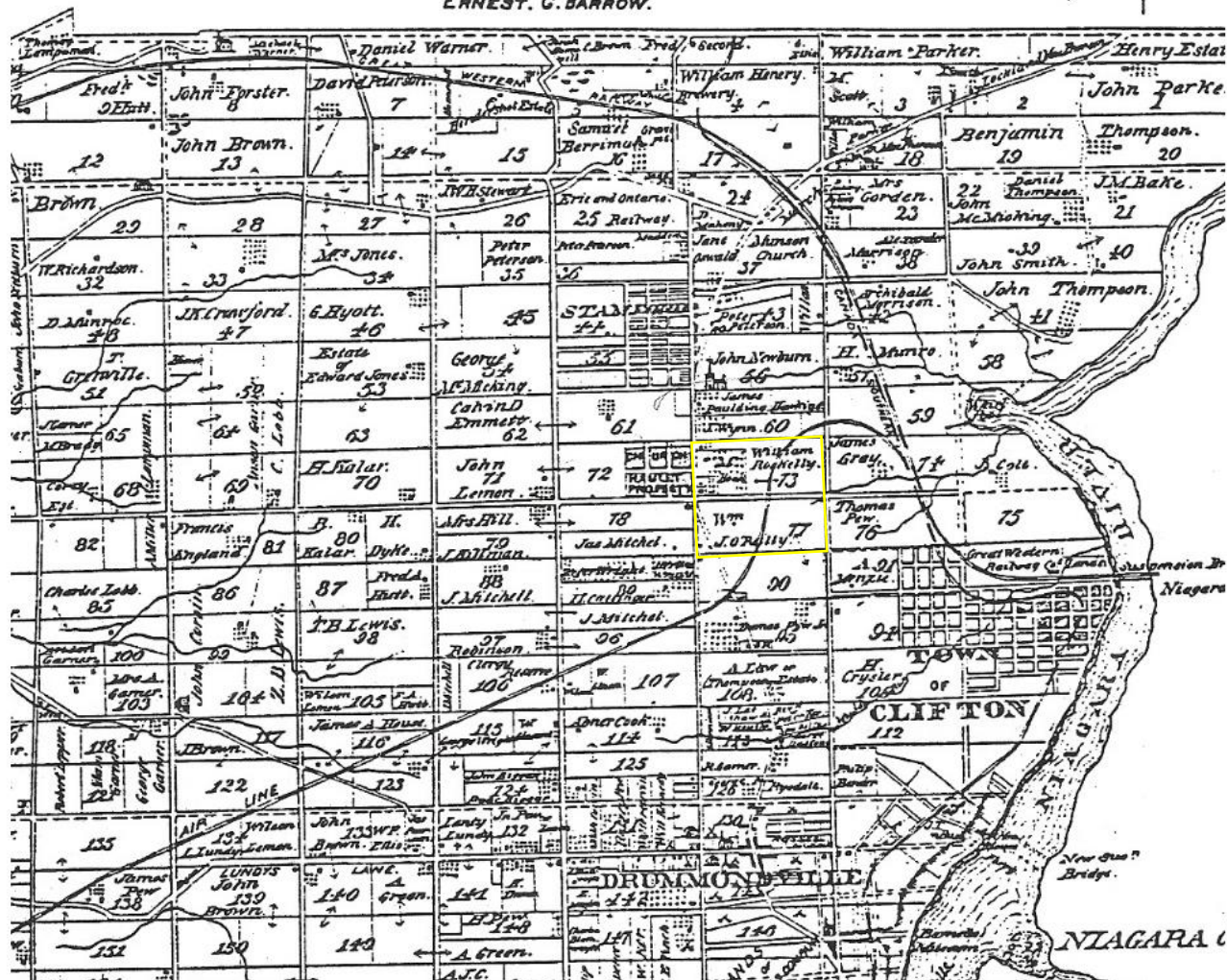


Retrieved from Niagara Settlers Land Records, 1862.

VERNON'S CITY DIRECTORIES

TOWNSHIP — of — STAMFORD.

ERNEST. G. BARROW.



Retrieved from Niagara Settlers Land Records, 1876.

APPENDIX C

ECOLOG ERIS REPORT



DATABASE REPORT

Project Property:	<i>Phase One ESA - 5584 Fraser Street, Niagara Falls 5584 Fraser Street Niagara Falls ON L2E 3C9</i>
Project No:	<i>NS22122-01</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>22120400002</i>
Requested by:	<i>Niagara Soils Solutions Ltd.</i>
Date Completed:	<i>December 6, 2022</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property: *Phase One ESA - 5584 Fraser Street, Niagara Falls
5584 Fraser Street Niagara Falls ON L2E 3C9*

Project No: *NS22122-01*

Coordinates:

Latitude: *43.11208*
Longitude: *-79.08822*
UTM Northing: *4,775,035.06*
UTM Easting: *655,544.46*
UTM Zone: *17T*

Elevation: *610 FT
185.88 M*

Order Information:

Order No: *22120400002*
Date Requested: *December 4, 2022*
Requested by: *Niagara Soils Solutions Ltd.*
Report Type: *Standard Report*

Historical/Products:

ERIS Xplorer [*ERIS Xplorer*](#)
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	4	4
CA	<i>Certificates of Approval</i>	Y	0	6	6
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	2	2
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	12	12
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	3	3
ECA	<i>Environmental Compliance Approval</i>	Y	0	3	3
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	9	9
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<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	22	22
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	15	15
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	3	3
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	4	4
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	2	2
SPL	<i>Ontario Spills</i>	Y	0	9	9
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
		Total:	0	104	104

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	PINC	1/2" Pipeline Hit	5563 FRASER STREET,,NIAGARA FALLS, ON,L2E 3E1,CA ON	NNE/68.4	-1.05	<u>30</u>
<u>2</u>	BORE		ON	ESE/116.0	-0.20	<u>30</u>
<u>3</u>	BORE		ON	NNE/148.9	-2.61	<u>32</u>
<u>4</u>	BORE		ON	S/153.9	2.19	<u>34</u>
<u>5</u>	EHS		4189 Stanley Avenue Niagara Falls ON L2E 4Z2	ENE/164.9	-1.05	<u>37</u>
<u>5</u>	EHS		4189 Stanley Avenue Niagara Falls ON L2E 4Z2	ENE/164.9	-1.05	<u>37</u>
<u>6</u>	PRT	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRA	4169 STANLEY AV NIAGARA FALLS ON L2E 4Z2	ENE/173.8	-1.38	<u>37</u>
<u>6</u>	PRT	WRONG INDORG BEAVER /WAS CANGO	4169 STANLEY AV NIAGARA FALLS ON	ENE/173.8	-1.38	<u>37</u>
<u>6</u>	EBR	I.D. Consultants (on behalf of Mr & Mrs Ladha)	4169 Stanley Avenue Niagara Falls Ontario L2J 1A1 CITY OF NIAGARA FALLS ON	ENE/173.8	-1.38	<u>37</u>
<u>6</u>	GEN	Ladha Group	4169 Stanley Ave Niagara Falls ON L2E 4Z2	ENE/173.8	-1.38	<u>38</u>
<u>6</u>	DTNK	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS ON	ENE/173.8	-1.38	<u>38</u>
<u>6</u>	DTNK	1488700 ONTARIO LTD	4169 STANLEY AV NIAGARA FALLS ON	ENE/173.8	-1.38	<u>39</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>6</u>	DTNK	CANGO INC**	4169 STANLEY AV NIAGARA FALLS ON	ENE/173.8	-1.38	<u>39</u>
<u>6</u>	DTNK	1488700 ONTARIO LTD	4169 STANLEY AV NIAGARA FALLS ON	ENE/173.8	-1.38	<u>40</u>
<u>6</u>	GEN	Sedru Lada	4169 Stanley Ave. Niagara Falls ON L2E 4Z2	ENE/173.8	-1.38	<u>41</u>
<u>6</u>	DTNK	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>41</u>
<u>6</u>	DTNK	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>42</u>
<u>6</u>	DTNK	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>42</u>
<u>6</u>	FST	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>43</u>
<u>6</u>	FST	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>43</u>
<u>6</u>	FST	BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE/173.8	-1.38	<u>44</u>
<u>7</u>	SPL	GFL Environmental Inc.	5559 George St Niagara Falls ON	NNE/196.5	-3.92	<u>44</u>
<u>7</u>	GEN	NIAGARA BATTERY & TIRE LTD	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE/196.5	-3.92	<u>45</u>
<u>7</u>	GEN	NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE/196.5	-3.92	<u>45</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	GEN	NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE/196.5	-3.92	<u>46</u>
<u>7</u>	GEN	NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE/196.5	-3.92	<u>46</u>
<u>7</u>	GEN	NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE/196.5	-3.92	<u>46</u>
<u>8</u>	WWIS		4300 STANLEY AVENUE Niagara Falls ON Well ID: 7246439	E/205.9	-1.33	<u>47</u>
<u>9</u>	BORE		ON	NE/231.4	-2.89	<u>50</u>
<u>10</u>	CA	CUSTOM BREW BEER SYSTEMS (DAN LEE)	4129 STANLEY AVE., UNIT #6 NIAGARA FALLS CITY ON	NE/236.1	-2.90	<u>51</u>
<u>10</u>	SCT	ONYX NEON	4129 STANLEY AVE UNIT 2 NIAGARA FALLS ON L2E 7H3	NE/236.1	-2.90	<u>51</u>
<u>10</u>	GEN	Painters Supply & Equipment 9Canada) Inc.	4129 Stanley Ave. Unit 1 Niagara Falls ON	NE/236.1	-2.90	<u>51</u>
<u>10</u>	GEN	Painters Supply & Equipment (Canada) Inc.	4129 Stanley Ave. Unit 1 Niagara Falls ON L2E 7H3	NE/236.1	-2.90	<u>52</u>
<u>10</u>	EHS		4129 Stanley Ave., Unit 1 Niagara Falls ON L2E 7H3	NE/236.1	-2.90	<u>52</u>
<u>10</u>	GEN	CARQUEST AUTOMOTIVE FINISHES CANADA LTD	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON L2E 7H3	NE/236.1	-2.90	<u>52</u>
<u>10</u>	GEN	National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE/236.1	-2.90	<u>53</u>
<u>10</u>	GEN	National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE/236.1	-2.90	<u>53</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	GEN	National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE/236.1	-2.90	<u>53</u>
<u>10</u>	EHS		4129 Stanley Ave Niagara Falls ON L2E7H3	NE/236.1	-2.90	<u>54</u>
<u>11</u>	RSC	CYTEC Canada Inc.	4200 STANLEY AVENUE, NIAGARA FALLS, ONTARIO L2E 4Z4 Niagara Falls ON	ENE/241.2	-1.98	<u>54</u>
<u>11</u>	RSC	1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE/241.2	-1.98	<u>55</u>
<u>11</u>	RSC	1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE/241.2	-1.98	<u>57</u>
<u>11</u>	CPU	1939522 Ontario Limited	Part of 4200 Stanley Avenue, Former Cytec Lands, Parcel B Niagara Falls, ON Canada ON	ENE/241.2	-1.98	<u>58</u>
<u>11</u>	CPU	1939522 Ontario Limited,	4200 Stanley Avenue Niagara Falls, ON Canada ON	ENE/241.2	-1.98	<u>59</u>
<u>11</u>	RSC	1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE/241.2	-1.98	<u>59</u>
<u>12</u>	EHS		4300 Stanley Ave. Niagara Falls ON L2E 4Z4	ESE/241.4	-2.03	<u>60</u>
<u>12</u>	EHS		4300 Stanley Avenue Niagara Falls ON L2E 4Z4	ESE/241.4	-2.03	<u>61</u>
<u>12</u>	EHS		4300 Stanley Ave Niagara Falls ON L2E4Z4	ESE/241.4	-2.03	<u>61</u>
<u>12</u>	GEN	EMCO Corporation	4300 Stanley Avenue Niagara Falls ON L2E 4Z4	ESE/241.4	-2.03	<u>61</u>
<u>13</u>	WWIS		S/E CORNER THOROLD RD & STANLEY AVE Niagara Falls ON	ENE/245.6	-2.28	<u>61</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
Well ID: 7275276						
14	CA	LUBRIZOL OF CANADA LTD.	5800 THOROLD STONE RD. NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	65
14	CA	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	65
14	SPL	LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	65
14	SPL	LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	66
14	SPL	LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW/246.3	-6.48	66
14	SPL	LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW/246.3	-6.48	67
14	PRT	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	67
14	SCT	Lubrizol Canada Limited	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW/246.3	-6.48	67
14	SPL	LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW/246.3	-6.48	68
14	SPL	LUBRIZOL CANADA LTD.	5800 THOROLD STONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	68
14	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	69
14	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	69

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>72</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>75</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>79</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>81</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>83</u>
<u>14</u>	SPL	LUBRIZOL CANADA LTD.	LUBRISOL PLANT, BUILDING #4 BUILDING NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW/246.3	-6.48	<u>84</u>
<u>14</u>	SPL	LUBRIZOL CANADA LTD.	5800 THOROLDSTONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW/246.3	-6.48	<u>85</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>85</u>
<u>14</u>	CA	LUBRIZOL OF CANADA LTD.	5800 THOROLD STONE RD. NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	<u>86</u>
<u>14</u>	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	<u>87</u>
<u>14</u>	GEN	LUBRIZOL OF CDA LTD	P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	<u>87</u>
<u>14</u>	GEN	LUBRIZOL CANADA LIMITED	P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	<u>88</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	LUBRIZOL CANADA LIMITED 24-018	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	NW/246.3	-6.48	88
14	GEN	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	NW/246.3	-6.48	89
14	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	90
14	NPRI	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	91
14	NPRI	LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	93
14	NPRI	LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	95
14	FSTH	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	96
14	NPRI	LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	96
14	EBR	Lubrizol Canada Limited	5800 Thorhold Stone Road Niagara Falls Ontario Niagara Falls ON	NW/246.3	-6.48	97
14	NPRI	LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW/246.3	-6.48	98
14	EHS		5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW/246.3	-6.48	99
14	FSTH	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	99

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	EHS		5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>99</u>
<u>14</u>	CA	Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON	NW/246.3	-6.48	<u>99</u>
<u>14</u>	CA	Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>100</u>
<u>14</u>	DTNK	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW/246.3	-6.48	<u>100</u>
<u>14</u>	DTNK	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW/246.3	-6.48	<u>101</u>
<u>14</u>	DTNK	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW/246.3	-6.48	<u>101</u>
<u>14</u>	GEN	LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW/246.3	-6.48	<u>102</u>
<u>14</u>	DTNK	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW/246.3	-6.48	<u>103</u>
<u>14</u>	DTNK	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW/246.3	-6.48	<u>104</u>
<u>14</u>	ECA	Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON	NW/246.3	-6.48	<u>104</u>
<u>14</u>	ECA	Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON	NW/246.3	-6.48	<u>105</u>
<u>14</u>	GEN	Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>105</u>
<u>14</u>	EBR	Oleo Energies Inc.	5800 Thorold Stone Road Niagara Falls, ON L2J 1A2 Canada ON	NW/246.3	-6.48	<u>105</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	GEN	Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>106</u>
<u>14</u>	ECA	Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>106</u>
<u>14</u>	FST	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW/246.3	-6.48	<u>107</u>
<u>14</u>	FST	LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW/246.3	-6.48	<u>107</u>
<u>14</u>	GEN	Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW/246.3	-6.48	<u>108</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	S	153.90	<u>4</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ESE	115.99	<u>2</u>
	ON	NNE	148.89	<u>3</u>
	ON	NE	231.36	<u>9</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 6 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CUSTOM BREW BEER SYSTEMS (DAN LEE)	4129 STANLEY AVE., UNIT #6 NIAGARA FALLS CITY ON	NE	236.12	<u>10</u>
LUBRIZOL OF CANADA LTD.	5800 THOROLD STONE RD. NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	<u>14</u>
Lubrizol Canada Limited	5800 Thorhold Stone Road Niagara Falls ON	NW	246.33	<u>14</u>

Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	14
LUBRIZOL OF CANADA LTD.	5800 THOROLD STONE RD. NIAGARA FALLS ON L2J 1A2	NW	246.33	14

CPU - Certificates of Property Use

A search of the CPU database, dated 1994 - Oct 31, 2022 has found that there are 2 CPU site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1939522 Ontario Limited,	4200 Stanley Avenue Niagara Falls, ON Canada ON	ENE	241.21	11
1939522 Ontario Limited	Part of 4200 Stanley Avenue, Former Cytec Lands, Parcel B Niagara Falls, ON Canada ON	ENE	241.21	11

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 12 DTNK site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS ON	ENE	173.79	6
1488700 ONTARIO LTD	4169 STANLEY AV NIAGARA FALLS ON	ENE	173.79	6
CANGO INC**	4169 STANLEY AV NIAGARA FALLS ON	ENE	173.79	6
1488700 ONTARIO LTD	4169 STANLEY AV NIAGARA FALLS ON	ENE	173.79	6

BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW	246.33	14
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW	246.33	14
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW	246.33	14
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON	NW	246.33	14
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW	246.33	14

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Oct 31, 2022 has found that there are 3 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
I.D. Consultants (on behalf of Mr & Mrs Ladha)	4169 Stanley Avenue Niagara Falls Ontario L2J 1A1 CITY OF NIAGARA FALLS ON	ENE	173.79	6
Oleo Energies Inc.	5800 Thorold Stone Road Niagara Falls, ON L2J 1A2 Canada ON	NW	246.33	14
Lubrizol Canada Limited	5800 Thorhold Stone Road Niagara Falls Ontario Niagara Falls ON	NW	246.33	14

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2022 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON	NW	246.33	<u>14</u>
Lubrizol Canada Limited	5800 Thorold Stone Road Niagara Falls ON	NW	246.33	<u>14</u>
Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW	246.33	<u>14</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4189 Stanley Avenue Niagara Falls ON L2E 4Z2	ENE	164.89	<u>5</u>
	4189 Stanley Avenue Niagara Falls ON L2E 4Z2	ENE	164.89	<u>5</u>
	4129 Stanley Ave Niagara Falls ON L2E7H3	NE	236.12	<u>10</u>
	4129 Stanley Ave., Unit 1 Niagara Falls ON L2E 7H3	NE	236.12	<u>10</u>
	4300 Stanley Ave Niagara Falls ON L2E4Z4	ESE	241.40	<u>12</u>
	4300 Stanley Avenue Niagara Falls ON L2E 4Z4	ESE	241.40	<u>12</u>

4300 Stanley Ave. Niagara Falls ON L2E 4Z4	ESE	241.40	12
5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW	246.33	14
5800 Thorold Stone Road Niagara Falls ON L2J 1A2	NW	246.33	14

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 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
BALA NIRANJAN	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	ENE	173.79	6
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW	246.33	14
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	NW	246.33	14

FSTH - Fuel Storage Tank - Historic

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW	246.33	14

LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW	246.33	14
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 22 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ladha Group	4169 Stanley Ave Niagara Falls ON L2E 4Z2	ENE	173.79	6
Sedru Lada	4169 Stanley Ave. Niagara Falls ON L2E 4Z2	ENE	173.79	6
NIAGARA BATTERY & TIRE LTD	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE	196.53	7
NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE	196.53	7
NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE	196.53	7
NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE	196.53	7
NIAGARA BATTERY & TIRE LTD HEAD OFFICE	5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	NNE	196.53	7
Painters Supply & Equipment 9Canada) Inc.	4129 Stanley Ave. Unit 1 Niagara Falls ON	NE	236.12	10
Painters Supply & Equipment (Canada) Inc.	4129 Stanley Ave. Unit 1 Niagara Falls ON L2E 7H3	NE	236.12	10

CARQUEST AUTOMOTIVE FINISHES CANADA LTD	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON L2E 7H3	NE	236.12	10
National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE	236.12	10
National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE	236.12	10
National Coatings & Supplies (Canada) Inc	4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	NE	236.12	10
EMCO Corporation	4300 Stanley Avenue Niagara Falls ON L2E 4Z4	ESE	241.40	12
Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW	246.33	14
LUBRIZOL OF CDA LTD	P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LIMITED	P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LIMITED 24-018	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	NW	246.33	14
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	NW	246.33	14
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	NW	246.33	14
Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW	246.33	14
Oleo Energies Inc.	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW	246.33	14

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 15 NPRI site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	<u>14</u>

LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	14
LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	14
LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	14
LUBRIZOL CANADA	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	14
LUBRIZOL CANADA LIMITED	5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NW	246.33	14

PINC - Pipeline Incidents

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1/2" Pipeline Hit	5563 FRASER STREET,,NIAGARA FALLS,ON,L2E 3E1,CA ON	NNE	68.42	1

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 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
WRONG INDORG BEAVER /WAS CANGO	4169 STANLEY AV NIAGARA FALLS ON	ENE	173.79	6
PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRA	4169 STANLEY AV NIAGARA FALLS ON L2E 4Z2	ENE	173.79	6
LUBRIZOL CANADA LTD	5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	NW	246.33	14

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sep 2001, Oct 2004-Sep 2022 has found that there are 4 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE	241.21	<u>11</u>
1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE	241.21	<u>11</u>
CYTEC Canada Inc.	4200 STANLEY AVENUE, NIAGARA FALLS, ONTARIO L2E 4Z4 Niagara Falls ON	ENE	241.21	<u>11</u>
1939522 ONTARIO LIMITED	4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	ENE	241.21	<u>11</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ONYX NEON	4129 STANLEY AVE UNIT 2 NIAGARA FALLS ON L2E 7H3	NE	236.12	<u>10</u>
Lubrizol Canada Limited	5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	NW	246.33	<u>14</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 9 SPL site(s) within approximately 0.25 kilometers of the project property.

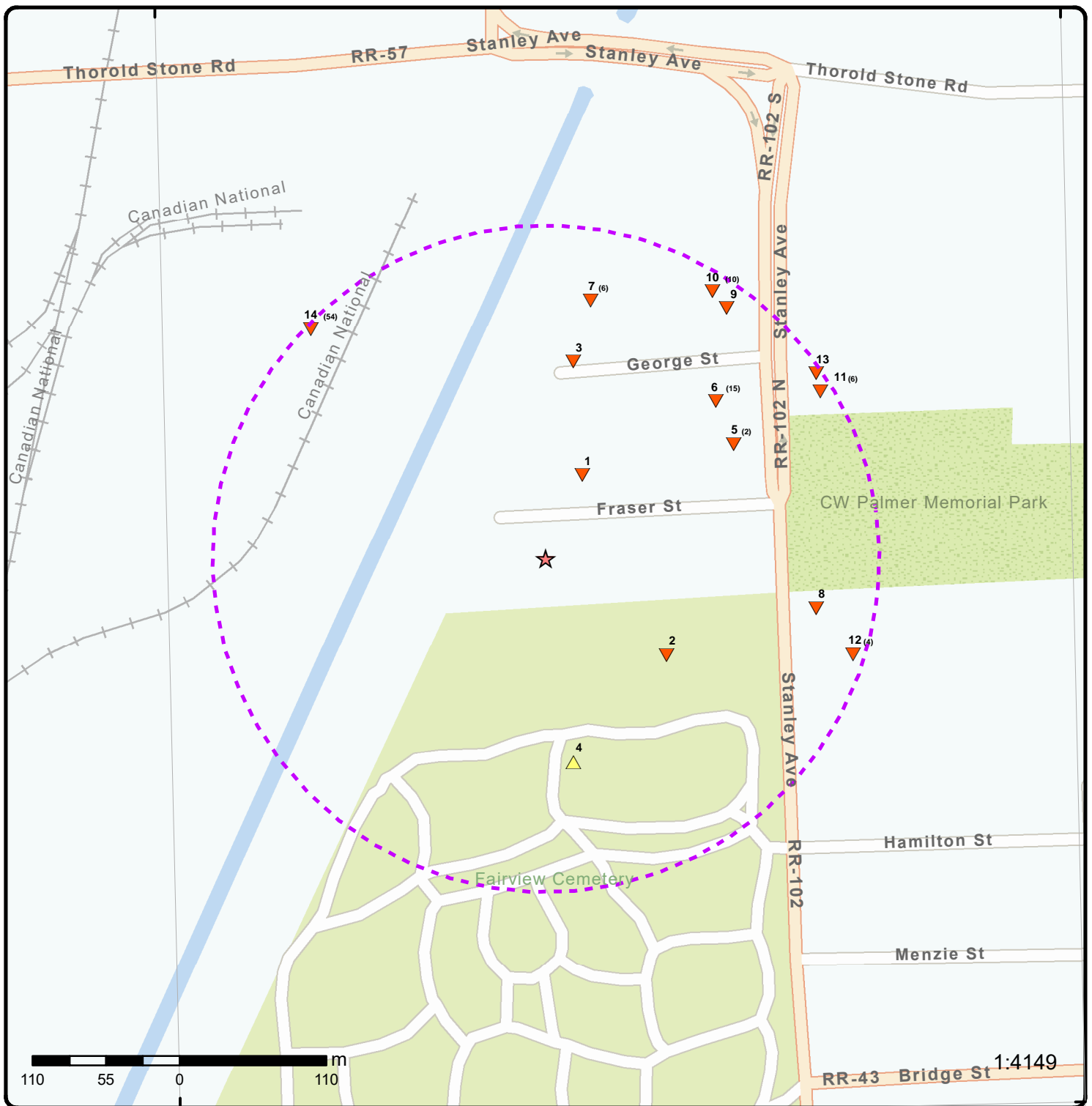
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GFL Environmental Inc.	5559 George St Niagara Falls ON	NNE	196.53	<u>7</u>

LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW	246.33	14
LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW	246.33	14
LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LTD.	LUBRISOL PLANT, BUILDING #4 BUILDING NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW	246.33	14
LUBRIZOL CANADA LTD.	5800 THOROLDSTONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	14
LUBRIZOL CANADA LTD.	NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	NW	246.33	14
LUBRIZOL CANADA LTD.	5800 THOROLD STONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	NW	246.33	14

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4300 STANLEY AVENUE Niagara Falls ON <i>Well ID: 7246439</i>	E	205.90	8
	S/E CORNER THOROLD RD & STANLEY AVE Niagara Falls ON <i>Well ID: 7275276</i>	ENE	245.62	13



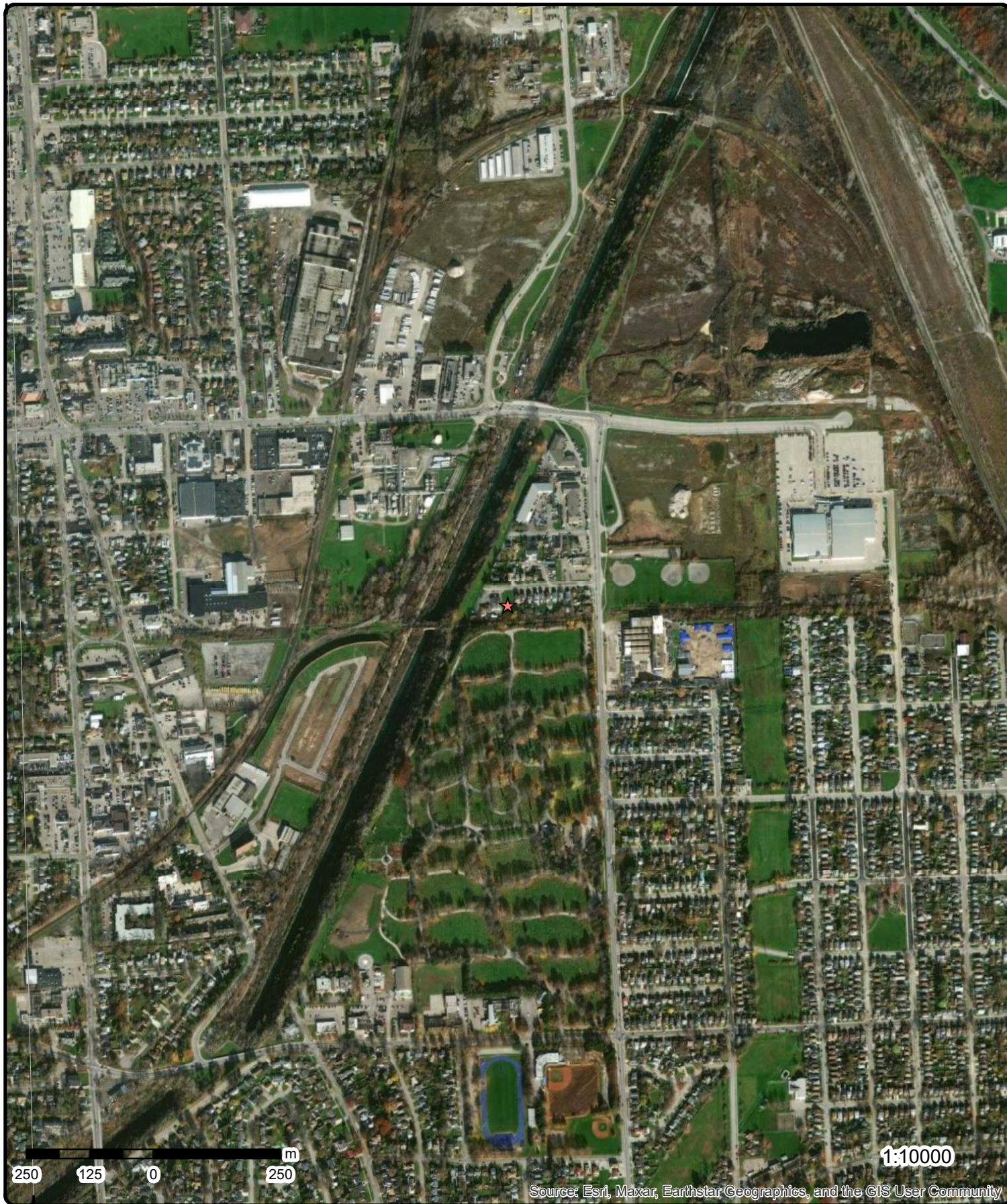
Map: 0.25 Kilometer Radius

Order Number: 22120400002

Address: 5584 Fraser Street, Niagara Falls, 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 | Park (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: 2021

Order Number: 22120400002

Address: 5584 Fraser Street, Niagara Falls, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

79°6'W

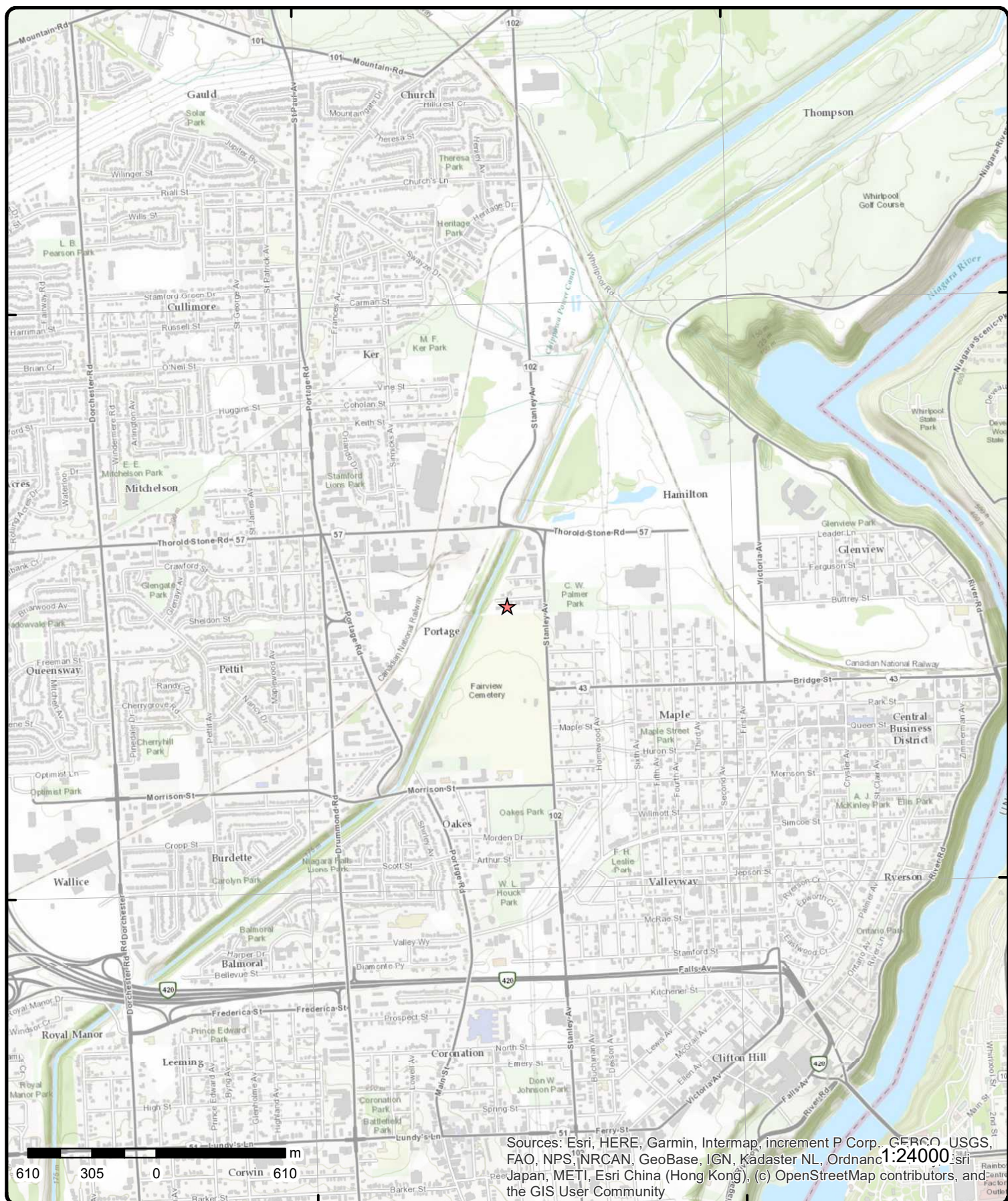
79°4'30"W

43°7'30"N

43°7'30"N

43°6'N

43°6'N



Topographic Map

Address: 5584 Fraser Street, ON

Source: ESRI World Topographic Map

Order Number: 22120400002



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NNE/68.4	184.8 / -1.05	1/2" Pipeline Hit 5563 FRASER STREET,,NIAGARA FALLS,ON, L2E 3E1,CA ON	PINC
<div> <div> Incident Id: Incident No: 923612 Incident Reported Dt: 10/18/2012 Type: FS-Pipeline Incident Status Code: Tank Status: Home Owner Pipeline Strike Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: 1/2" Pipeline Hit Incident Address: 5563 FRASER STREET,,NIAGARA FALLS,ON,L2E 3E1,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: </div> <div> 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: </div> </div>					
2	1 of 1	ESE/116.0	185.7 / -0.20	ON	BORE
<div> <div> Borehole ID: 606535 OGF ID: 215508343 Status: Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: JUN-1951 Static Water Level: Primary Water Use: Not Used Sec. Water Use: Total Depth m: 92.7 Depth Ref: Ground Surface Depth Elev: Drill Method: Diamond Drill Orig Ground Elev m: 187 Elev Reliabil Note: DEM Ground Elev m: 186 Concession: Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 43.111409 Longitude DD: -79.087128 UTM Zone: 17 Easting: 655635 Northing: 4774963 Location Accuracy: Accuracy: Not Applicable </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218374516			Mat Consistency:	Dense
Top Depth:	16.3			Material Moisture:	
Bottom Depth:	21			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:	Calcite			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE, CALCITE. BROWN,DENSE,MASSIVE.				
Geology Stratum ID:	218374517			Mat Consistency:	
Top Depth:	21			Material Moisture:	
Bottom Depth:	28.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE, FOSSIL. STYLOLITIC,MASSIVE.				
Geology Stratum ID:	218374521			Mat Consistency:	
Top Depth:	56.6			Material Moisture:	
Bottom Depth:	85.5			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:	Sand			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SANDSTONE, SHALE,SAND. VARI-COLOURED.				
Geology Stratum ID:	218374518			Mat Consistency:	
Top Depth:	28.4			Material Moisture:	
Bottom Depth:	48.5			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:	Calcite			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE, SHALE,CALCITE. DARK.				
Geology Stratum ID:	218374520			Mat Consistency:	Hard
Top Depth:	51.1			Material Moisture:	
Bottom Depth:	56.6			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE, SHALE. DARK,HARD,FISSILE.				
Geology Stratum ID:	218374515			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	16.3			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Sand			Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		UNSPECIFIED, GRAVEL, CLAY, SAND. VARI-COLOURED.			
Geology Stratum ID:	218374519			Mat Consistency:	Compact
Top Depth:	48.5			Material Moisture:	
Bottom Depth:	51.1			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK, LIMESTONE, FOSSIL. DARK, COMPACT, MASSIVE.			
Geology Stratum ID:	218374522			Mat Consistency:	
Top Depth:	85.5			Material Moisture:	
Bottom Depth:	92.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK, SANDSTONE. 00535035006890340159003101675030 **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: 052050 NTS_Sheet: 30M03A				
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				
<u>3</u>	1 of 1	NNE/148.9	183.3 / -2.61	ON	BORE
Borehole ID:	606536			Inclin FLG:	No
OGF ID:	215508344			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	APR-1952			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.113403
Total Depth m:	66.2			Longitude DD:	-79.087927
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	655565
Drill Method:	Diamond Drill			Northing:	4775183
Orig Ground Elev m:	184			Location Accuracy:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		183			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218374523			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	13.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED.				
Geology Stratum ID:	218374527			Mat Consistency:	
Top Depth:	29			Material Moisture:	
Bottom Depth:	46.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK, SHALE. CALCAREOUS, STRATIFIED.				
Geology Stratum ID:	218374530			Mat Consistency:	
Top Depth:	54.5			Material Moisture:	
Bottom Depth:	66.2			Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK, SANDSTONE, SHALE. LAYERED. 00441035006650340086703300951032015260310161703001789028 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218374526			Mat Consistency:	
Top Depth:	26.4			Material Moisture:	
Bottom Depth:	29			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK, DOLOMITE.				
Geology Stratum ID:	218374528			Mat Consistency:	
Top Depth:	46.5			Material Moisture:	
Bottom Depth:	49.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK, LIMESTONE. STYLOLITIC, MASSIVE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218374525			Mat Consistency:	
Top Depth:	20.3			Material Moisture:	
Bottom Depth:	26.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE.				
Geology Stratum ID:	218374529			Mat Consistency:	
Top Depth:	49.3			Material Moisture:	
Bottom Depth:	54.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE. MASSIVE.				
Geology Stratum ID:	218374524			Mat Consistency:	
Top Depth:	13.4			Material Moisture:	
Bottom Depth:	20.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE.				
<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)				
Source Details:	File: NIAGARA.txt RecordID: 052060 NTS_Sheet: 30M03A				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
<u>Source List</u>					
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 1	S/153.9	188.1 / 2.19	ON	BORE
Borehole ID:	606534			Inclin FLG:	No
OGF ID:	215508342			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation				
Completion Date:	MAR-1952				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.110703
Total Depth m:	68.3			Longitude DD:	-79.088011
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	655565
Drill Method:	Diamond Drill			Northing:	4774883
Orig Ground Elev m:	188			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	188				
Concession:					
Location D:					
Survey D:					
Comments:					
 <u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218374513			Mat Consistency:	
Top Depth:	51.7			Material Moisture:	
Bottom Depth:	55.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:	Gypsum			Geologic Period:	
Material 4:	Shale			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,DOLOMITE, GYPSUM,SHALE. MASSIVE.				
Geology Stratum ID:	218374511			Mat Consistency:	
Top Depth:	31.5			Material Moisture:	
Bottom Depth:	49.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SHALE. CALCAREOUS,LAMINATED.				
Geology Stratum ID:	218374507			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	16.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED.				
Geology Stratum ID:	218374509			Mat Consistency:	
Top Depth:	25.5			Material Moisture:	
Bottom Depth:	29			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE, CONGLOMERATE.				
Geology Stratum ID:	218374508			Mat Consistency:	
Top Depth:	16.4			Material Moisture:	
Bottom Depth:	25.5			Material Texture:	
Material Color:				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:	Bedrock Dolomite			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218374510 29 31.5 Bedrock Dolomite			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218374512 49.2 51.7 Bedrock Limestone Shale			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218374514 55.6 68.3 Red Bedrock Shale Sandstone Siltstone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
BEDROCK,DOLOMITE.					
BEDROCK,DOLOMITE.					
BEDROCK,LIMESTONE, SHALE. STYLOLITIC,MASSIVE.					
BEDROCK,SHALE, SANDSTONE,SILTSTONE.VARI-COLOURED. 00537035008360340095303301032032016140310169503 **Note: Many records provided by the department have a truncated [Stratum Description] field.					
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: 052040 NTS_Sheet: 30M03A 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 2	ENE/164.9	184.8 / -1.05	4189 Stanley Avenue Niagara Falls ON L2E 4Z2	EHS
Order No: 20200114015 Status: C Report Type: Standard Report Report Date: 17-JAN-20 Date Received: 14-JAN-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.086466 Y: 43.112823			
5	2 of 2	ENE/164.9	184.8 / -1.05	4189 Stanley Avenue Niagara Falls ON L2E 4Z2	EHS
Order No: 20200114015 Status: C Report Type: Standard Report Report Date: 17-JAN-20 Date Received: 14-JAN-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.086466 Y: 43.112823			
6	1 of 15	ENE/173.8	184.5 / -1.38	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRA 4169 STANLEY AV NIAGARA FALLS ON L2E 4Z2	PRT
Location ID: 9879 Type: retail Expiry Date: 1991-10-31 Capacity (L): 160000 Licence #: 0050600001					
6	2 of 15	ENE/173.8	184.5 / -1.38	WRONG INDORG BEAVER /WAS CANGO 4169 STANLEY AV NIAGARA FALLS ON	PRT
Location ID: 9879 Type: retail Expiry Date: 1991-06-30 Capacity (L): 4000 Licence #: 0033034001					
6	3 of 15	ENE/173.8	184.5 / -1.38	I.D. Consultants (on behalf of Mr & Mrs Ladha) 4169 Stanley Avenue Niagara Falls Ontario L2J 1A1 CITY OF NIAGARA FALLS ON	EBR
EBR Registry No: IT9E0087 Ministry Ref No: 99-195 Notice Type: Instrument Decision Notice Stage: Notice Date: December 21, 1999 Proposal Date: November 17, 1999 Year: 1999 Instrument Type: Off Instrument Name:		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>Posted By:</div> <div>Company Name: I.D. Consultants (on behalf of Mr & Mrs Ladha)</div> <div>Site Address:</div> <div>Location Other:</div> <div>Proponent Name:</div> <div>Proponent Address: 6820 Lions Creek Road, Chippawa Ontario, L2E 6S6</div> <div>Comment Period:</div> <div>URL:</div> <div>Site Location Details:</div> <div>4169 Stanley Avenue Niagara Falls Ontario L2J 1A1 CITY OF NIAGARA FALLS</div>					
6	4 of 15	ENE/173.8	184.5 / -1.38	Ladha Group 4169 Stanley Ave Niagara Falls ON L2E 4Z2	GEN
<div>Generator No: ON6174857</div> <div>SIC Code:</div> <div>SIC Description:</div> <div>Approval Years: 02,03,04</div> <div>PO Box No:</div> <div>Country:</div> <div>Status:</div> <div>Co Admin:</div> <div>Choice of Contact:</div> <div>Phone No Admin:</div> <div>Contaminated Facility:</div> <div>MHSW Facility:</div> <div>Detail(s)</div> <div>Waste Class: 252</div> <div>Waste Class Name: WASTE OILS & LUBRICANTS</div>					
6	5 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS ON	DTNK
<div>Delisted Expired Fuel Safety Facilities</div> <div><div>Instance No: 9699369</div><div>Status: EXPIRED</div><div>Instance ID: 388570</div><div>Instance Type: FS Facility</div><div>Instance Creation Dt:</div><div>Instance Install Dt:</div><div>Item Description:</div><div>Manufacturer:</div><div>Model:</div><div>Serial No:</div><div>ULC Standard:</div><div>Quantity:</div><div>Unit of Measure:</div><div>Overfill Prot Type:</div><div>Creation Date:</div><div>Next Periodic Str DT:</div><div>TSSA Base Sched Cycle 2:</div><div>TSSAMax Hazard Rank 1:</div><div>Expired Date:</div><div>Max Hazard Rank:</div><div>Facility Location:</div><div>Facility Type:</div><div>Fuel Type 2:</div><div>Fuel Type 3:</div><div>Panam Related:</div><div>Panam Venue Nm:</div><div>External Identifier:</div><div>Item:</div><div>Piping Steel:</div><div>Piping Galvanized:</div><div>Tank Single Wall St:</div><div>Piping Underground:</div><div>Tank Underground:</div><div>Source:</div></div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
		FS Gasoline Station - Full Serve			
		EXP			
		Up to Mar 2012			

6	6 of 15	ENE/173.8	184.5 / -1.38	1488700 ONTARIO LTD 4169 STANLEY AV NIAGARA FALLS ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10266190	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	14844	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Propane Refill Cntr - Cylr Fill		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

6	7 of 15	ENE/173.8	184.5 / -1.38	CANGO INC** 4169 STANLEY AV NIAGARA FALLS ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	9628633	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	391740	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	

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:		
			FS Propane Refill Cntr - Motor Fill		
			EXP		
			Up to Mar 2012		

Delisted Expired Fuel Safety Facilities

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	9 of 15	ENE/173.8	184.5 / -1.38	Sedru Lada 4169 Stanley Ave. Niagara Falls ON L2E 4Z2	GEN
Generator No:		ON8632391			
SIC Code:		811310			
SIC Description:		Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance			
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:		221			
Waste Class Name:		LIGHT FUELS			

6	10 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		10875803		Expired Date:	
Status:		EXPIRED		Max Hazard Rank:	
Instance ID:				Facility Location:	
Instance Type:				Facility Type:	
Instance Creation Dt:		10/2/1989		Fuel Type 2:	
Instance Install Dt:		10/2/1989		Fuel Type 3:	
Item Description:		FS Liquid Fuel Tank		Panam Related:	
Manufacturer:		NULL		Panam Venue Nm:	
Model:		NULL		External Identifier:	
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 1:21:49 AM		Tank Underground:	
Next Periodic Str DT:		NULL		Source:	
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:		NULL			
Original Source:		EXP			
Record Date:		31-JUL-2020			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	11 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	DTNK

Delisted Expired Fuel Safety
Facilities

Instance No:	11164392	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	10/2/1989	Fuel Type 2:	NULL
Instance Install Dt:	10/2/1989	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 1:24:04 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSA Max 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:	NULL		
Original Source:	EXP		
Record Date:	31-JUL-2020		

6	12 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	DTNK
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Delisted Expired Fuel Safety
Facilities

Instance No:	11164367	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	10/2/1989	Fuel Type 2:	NULL
Instance Install Dt:	10/2/1989	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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Creation Date:	7/5/2009 1:24:06 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:	NULL				
Original Source:	EXP				
Record Date:	31-JUL-2020				

6	13 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	FST
<hr/>					
Instance No:	11164367			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	24000			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA				
<hr/>					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	BALA NIRANJAN				
Item:	FS LIQUID FUEL TANK				

6	14 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	FST
<hr/>					
Instance No:	10875803			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location:	NULL 24000 Fiberglass (FRP) Fiberglass FS Liquid Fuel Tank 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA			Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:	
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: Item:	BALA NIRANJAN FS LIQUID FUEL TANK				
<u>6</u>	15 of 15	ENE/173.8	184.5 / -1.38	BALA NIRANJAN 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA ON	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location:	11164392 FS Liquid Fuel Tank Liquid Fuel Single Wall UST 10/2/1989 1992 FS Liquid Fuel Tank 4169 STANLEY AV NIAGARA FALLS L2E 4Z2 ON CA			Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:	Diesel NULL NULL
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: Item:	BALA NIRANJAN FS LIQUID FUEL TANK				
<u>7</u>	1 of 6	NNE/196.5	182.0 / -3.92	GFL Environmental Inc. 5559 George St Niagara Falls ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1:	6083-AFQQ4T NA 2016/11/15 Leak/Break 46 WASTE OIL			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	Miscellaneous Industrial 5559 George St

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land MOE Response: Yes Dt MOE Arvl on Scn: 2016/11/16 MOE Reported Dt: 2016/11/15 Dt Document Closed: 2016/11/23 Incident Reason: Operator/Human Error Site Name: Niagara Battery & Tire Ltd <UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: GFL waste oil leaked from truck to ground, contained, responding Contaminant Qty: 0 other - see incident description					
Site Region: Site Municipality: Niagara Falls Site Lot: Site Conc: Northing: 4775228 Easting: 655578 Site Geo Ref Accu: GPS Site Map Datum: SAC Action Class: Primary Assessment of Spills Source Type:					
7	2 of 6	NNE/196.5	182.0 / -3.92	NIAGARA BATTERY & TIRE LTD 5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	GEN
Generator No: ON6107532 SIC Code: 441220, 419190 SIC Description: MOTORCYCLE, BOAT AND OTHER MOTOR VEHICLE DEALERS, OTHER WHOLESALE AGENTS AND BROKERS Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: LORI WAINWRIGHT Choice of Contact: CO_OFFICIAL Phone No Admin: 905-682-2396 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
7	3 of 6	NNE/196.5	182.0 / -3.92	NIAGARA BATTERY & TIRE LTD HEAD OFFICE 5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	GEN
Generator No: ON6107532 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: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	4 of 6	NNE/196.5	182.0 / -3.92	NIAGARA BATTERY & TIRE LTD HEAD OFFICE 5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	GEN
Generator No:		ON6107532			
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)			
7	5 of 6	NNE/196.5	182.0 / -3.92	NIAGARA BATTERY & TIRE LTD HEAD OFFICE 5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	GEN
Generator No:		ON6107532			
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:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
7	6 of 6	NNE/196.5	182.0 / -3.92	NIAGARA BATTERY & TIRE LTD HEAD OFFICE 5559 GEORGE ST. NIAGARA FALLS ON L2E 7K9	GEN
Generator No:		ON6107532			
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>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
8	1 of 1	E/205.9	184.5 / -1.33	4300 STANLEY AVENUE Niagara Falls ON	WWIS
Well ID:		7246439		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Monitoring		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Observation Wells		Date Received:	
Water Type:				12-Aug-2015 00:00:00	
Casing Material:				Selected Flag:	
Audit No:		Z210889		TRUE	
Tag:		A189020		Abandonment Rec:	
Constructn Method:				Contractor:	
Elevation (m):				7282	
Elevatn Reliabilty:				Form Version:	
Depth to Bedrock:				7	
Well Depth:				Owner:	
Overburden/Bedrock:				County:	
Pump Rate:				NIAGARA (WELLAND)	
Static Water Level:				Lot:	
Clear/Cloudy:				Concession:	
Municipality:		NIAGARA FALLS CITY		Concession Name:	
Site Info:				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:		2015/07/24			
Year Completed:		2015			
Depth (m):		6.096			
Latitude:		43.1117048634405			
Longitude:		-79.0857423361536			
Path:					
Bore Hole Information					
Bore Hole ID:		1005561714		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				655747.00	
Cluster Kind:				North83:	
Date Completed:		24-Jul-2015 00:00:00		4774998.00	
Remarks:				Org CS:	
Loc Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				4	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 30 m - 100 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
Overburden and Bedrock Materials Interval					
Formation ID:		1005698111			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005698112			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005698110			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005698119			
Layer:		1			
Plug From:		0.0			
Plug To:		8.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1005698118			
Method Construction Code:		6			
Method Construction:		Boring			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005698109			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005698115			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005698116			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.299999952316284			
<u>Water Details</u>					
Water ID:		1005698114			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005698113			
Diameter:		8.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1005561714		Tag No:	A189020	
Depth M:	6.096		Contractor:	7282	
Year Completed:	2015		Path:	724\7246439.pdf	
Well Completed Dt:	2015/07/24		Latitude:	43.1117048634405	
Audit No:	Z210889		Longitude:	-79.0857423361536	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	NE/231.4	183.0 / -2.89	ON	BORE
<div> <div> Borehole ID: 606447 OGF ID: 215508255 Status: Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: MAR-1967 Static Water Level: Primary Water Use: Not Used Sec. Water Use: Total Depth m: 6.4 Depth Ref: Ground Surface Depth Elev: Drill Method: Test Pit Orig Ground Elev m: 185 Elev Reliabil Note: DEM Ground Elev m: 184 Concession: Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 43.11374 Longitude DD: -79.086503 UTM Zone: 17 Easting: 655680 Northing: 4775223 Location Accuracy: Accuracy: Not Applicable </div> </div>					
<u>Borehole Geology Stratum</u>					
<div> <div> Geology Stratum ID: 218374043 Top Depth: 0 Bottom Depth: .8 Material Color: Brown Material 1: Fill Material 2: Sand Material 3: Clay Material 4: Granuls Gsc Material Description: Stratum Description: FILL,SAND,CLAY, CINDERS. BROWN,FRIABLE. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: fill </div> </div>					
<div> <div> Geology Stratum ID: 218374045 Top Depth: 1.4 Bottom Depth: 2.9 Material Color: Rust Material 1: Silt Material 2: Clay Material 3: Material 4: Gsc Material Description: Stratum Description: SILT,CLAY. RUST,STIFF. </div> <div> Mat Consistency: Stiff Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<div> <div> Geology Stratum ID: 218374046 Top Depth: 2.9 Bottom Depth: 6.4 Material Color: Rust Material 1: Silt Material 2: Sand Material 3: Clay Material 4: Gravel Gsc Material Description: Stratum Description: SILT(75),SAND(13), CLAY(10),GRAVEL. RUST,DENSE. 000250230004502000095050 **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> Mat Consistency: Dense Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<div> <div> Geology Stratum ID: 218374044 Top Depth: .8 Bottom Depth: 1.4 Material Color: Brown Material 1: Clay </div> <div> Mat Consistency: Stiff Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Silt			Geologic Group: Geologic Period: Depositional Gen:	
		CLAY,SILT. BROWN,STIFF.			
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: 051170 NTS_Sheet: 30M03A 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
10	1 of 10	NE/236.1	183.0 / -2.90	CUSTOM BREW BEER SYSTEMS (DAN LEE) 4129 STANLEY AVE., UNIT #6 NIAGARA FALLS CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	8-2044-92-92 3/17/1992 Industrial air Approved VENT HOOD FOR MALT ODOUR EMISSIONS Odour/Fumes, Nitrogen Oxides No Controls				
10	2 of 10	NE/236.1	183.0 / -2.90	ONYX NEON 4129 STANLEY AVE UNIT 2 NIAGARA FALLS ON L2E 7H3	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code:	1985 0 2 SIGNS AND ADVERTISING SPECIALTIES 3993				
10	3 of 10	NE/236.1	183.0 / -2.90	Painters Supply & Equipment 9Canada) Inc. 4129 Stanley Ave. Unit 1 Niagara Falls ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON4815453 SIC Code: 811121 SIC Description: Automotive Body, Paint & Interior R&M Approval Years: 03,04 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
10	4 of 10	NE/236.1	183.0 / -2.90	Painters Supply & Equipment (Canada) Inc. 4129 Stanley Ave. Unit 1 Niagara Falls ON L2E 7H3	GEN
Generator No: ON4815453 SIC Code: 418990 SIC Description: All Other Wholesaler-Distributors Approval Years: 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: 145 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES					
10	5 of 10	NE/236.1	183.0 / -2.90	4129 Stanley Ave., Unit 1 Niagara Falls ON L2E 7H3	EHS
Order No: 20071210020 Status: C Report Type: CAN - Complete Report Report Date: 12/14/2007 Date Received: 12/10/2007 Previous Site Name: Lot/Building Size: Additional Info Ordered: Title Search					
Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): 0.25 X: -79.086677 Y: 43.113846					
10	6 of 10	NE/236.1	183.0 / -2.90	CARQUEST AUTOMOTIVE FINISHES CANADA LTD 4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON L2E 7H3	GEN
Generator No: ON4815453 SIC Code: 418990 SIC Description: All Other Wholesaler-Distributors Approval Years: 07,08 PO Box No: Country: Status: Co Admin: Choice of Contact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
10	7 of 10	NE/236.1	183.0 / -2.90	National Coatings & Supplies (Canada) Inc 4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	GEN
Generator No:		ON4815453			
SIC Code:		418990			
SIC Description:		All Other Wholesaler-Distributors			
Approval Years:		2009			
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			
10	8 of 10	NE/236.1	183.0 / -2.90	National Coatings & Supplies (Canada) Inc 4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	GEN
Generator No:		ON4815453			
SIC Code:		418990			
SIC Description:		All Other Wholesaler-Distributors			
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:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
10	9 of 10	NE/236.1	183.0 / -2.90	National Coatings & Supplies (Canada) Inc 4129 STANLEY AVE. Unit #1 NIAGARA FALLS ON	GEN
Generator No:		ON4815453			
SIC Code:		418990			
SIC Description:		All Other Wholesaler-Distributors			
Approval Years:		2011			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
10	10 of 10	NE/236.1	183.0 / -2.90	4129 Stanley Ave Niagara Falls ON L2E7H3	EHS
Order No:		20160509073		Nearest Intersection:	
Status:		C		Municipality: NIAGARA FALLS	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		16-MAY-16		Search Radius (km): .25	
Date Received:		09-MAY-16		X: -79.086628	
Previous Site Name:				Y: 43.113857	
Lot/Building Size:					
Additional Info Ordered:		Aerial Photos			
11	1 of 6	ENE/241.2	183.9 / -1.98	CYTEC Canada Inc. 4200 STANLEY AVENUE, NIAGARA FALLS, ONTARIO L2E 4Z4 Niagara Falls ON	RSC
RSC ID:		209492		Cert Date:	
RA No:		3653-7F8QLF		Cert Prop Use No:	
RSC Type:		Phase 1 and 2 RSC with RA		Intended Prop Use: Industrial	
Curr Property Use:		Industrial		Qual Person Name: Tim Dickson	
Ministry District:		Niagara District Office		Stratified (Y/N):	
Filing Date:		2013/08/01		Audit (Y/N):	
Date Ack:					
Date Returned:					
Restoration Type:					
Soil Type:					
Criteria:					
CPU Issued Sect 1686:					
Asmt Roll No:		2725010011184010000, 2725010011183050000			
Prop ID No (PIN):		64269-0127(LT)			
Property Municipal Address:		4200 STANLEY AVENUE, NIAGARA FALLS, ONTARIO L2E 4Z4			
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24315&fileName=BROWNFIELDS-E-FILE.pdf			
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		Phase Two CSM_CYTEC_West.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Document Type: Phase 2 Conceptual Site Model</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24309&fileName=Phase+Two+CSM_CYTEC_West.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Table of APECS-West Portion_CYTEC-60117074.pdf</p> <p>Document Type: Area(s) of Potential Environmental Concern</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24311&fileName=Table+of+APECS-West+Portion_CYTEC-60117074.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Transfer Deed of RSC Property.pdf</p> <p>Document Type: Copy of any deed(s), transfer(s) or other document(s)</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24306&fileName=Transfer+Deed+of+RSC+Property.pdf</p> <p>Document Heading: Orders and Notices</p> <p>Document Name: CPU 02618XLH9B 4001 4th Ave 4200 Stanley Ave Niagara Falls AMENDMENT 1.pdf</p> <p>Document Type: order</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=25057&fileName=CPU+02618XLH9B++4001++4th+Ave++4200+Stanley+Ave+Niaagara+Falls++AME+NDMENT+1.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Current Plan of Survey.pdf</p> <p>Document Type: A Current plan of Survey</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24305&fileName=Current+Plan+of+Survey.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Current and Past Uses Table-West Portion_CYTEC-60117074.pdf</p> <p>Document Type: Table of Current and Past Property Use</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24310&fileName=Current+and+Past+Uses+Table-West+Portion_CYTEC-60117074.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Property Specific Standards_MOE Form.xls</p> <p>Document Type: Property Specific Standards</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24313&fileName=Property+Specific+Standards_MOE+Form.xls</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Certificate of Status CYTEC and AECOM.pdf</p> <p>Document Type: Certificate of Status</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24308&fileName=Certificate+of+Status+CYTEC+and+AECOM.pdf</p> <p>Document Heading: Supporting Documents</p> <p>Document Name: Legal Description from Lawyer.pdf</p> <p>Document Type: Lawyer's letter consisting of a legal description of the property</p> <p>Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=24312&fileName=Legal+Description+from+Lawyer.pdf</p>					
<u>11</u>	2 of 6	ENE/241.2	183.9 / -1.98	1939522 ONTARIO LIMITED 4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	RSC
RSC ID:	226074				
RA No:					
RSC Type:	Phase 1 and 2 RSC				
Curr Property Use:	Industrial				
Ministry District:	Niagara District Office				
Filing Date:	2019/10/08				
Date Ack:					
				Cert Date:	
				Cert Prop Use No:	
				Intended Prop Use:	Commercial
				Qual Person Name:	CHRISTOPHER CUSHING
				Stratified (Y/N):	
				Audit (Y/N):	
				Entire Leg Prop. (Y/N):	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect					
1686:					
Asmt Roll No:		2725010011183050000			
Prop ID No (PIN):		64269-0607 (LT), 64269-0614 (LT)			
Property Municipal Address:		4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2			
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117919&fileName=BROWNFIELDS-E.pdf			
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		7_Phase Two CSM.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117918&fileName=7_Phase+Two+CSM.pdf			
Document Heading:		Supporting Documents			
Document Name:		2_Certificate of Status .pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117924&fileName=2_Certificate+of+Status+.pdf			
Document Heading:		Supporting Documents			
Document Name:		4_Survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117921&fileName=4_Survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		3_Lawyers Letter.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=117917&fileName=3_Lawyers+Letter.pdf			
Document Heading:		Supporting Documents			
Document Name:		3_PIN_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=117925&fileName=3_PIN_Transfers.pdf			
Document Heading:		Supporting Documents			
Document Name:		6_Table of Past Land Use_rev.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117914&fileName=6_Table+of+Past+Land+Use_rev.pdf			
Document Heading:		Supporting Documents			
Document Name:		8_Agent_Authorization.pdf			
Document Type:		Proof of the owner's authorization			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117922&fileName=8_Agent_Authorization.pdf			
Document Heading:		Supporting Documents			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Name:		1_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=117915&fileName=1_APEC+Table.pdf			

11	3 of 6	ENE/241.2	183.9 / -1.98	1939522 ONTARIO LIMITED 4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	RSC
RSC ID:		226442	Cert Date:		
RA No:		RA1772-19c	Cert Prop Use No:		
RSC Type:		Phase 1 and 2 RSC with RA	Intended Prop Use: Commercial		
Curr Property Use:		Industrial	Qual Person Name: CHRISTOPHER CUSHING		
Ministry District:		Niagara District Office	Stratified (Y/N):		
Filing Date:		2020/02/27	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:		2725010011183050000			
Prop ID No (PIN):		64269-0614 (LT)			
Property Municipal Address:		4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2			
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123015&fileName=BROWNFIELDS-E.pdf			

Document(s) Detail

Document Heading: Supporting Documents
Document Name: Phase_Two_CSM.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123005&fileName=Phase_Two_CSM.pdf

Document Heading: Supporting Documents
Document Name: Lawyers Letter.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=123008&fileName=Lawyers+Letter.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=123011&fileName=Survey.pdf>

Document Heading: Supporting Documents
Document Name: PSS_RA1772_19c_stratified_Dec_17_19_rev.xls
Document Type: Property Specific Standards
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123014&fileName=PSS_RA1772_19c_stratified_Dec_17_19_rev.xls

Document Heading: Supporting Documents
Document Name: Agent_Authorization.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Type:		Proof of the owner's authorization			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123013&fileName=Agent_Authorization.pdf			
Document Heading:		Supporting Documents			
Document Name:		PIN_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=123010&fileName=PIN_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=123009&fileName=APEC+Table.pdf			
Document Heading:		Supporting Documents			
Document Name:		Certificate of Status .pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123017&fileName=Certificate+of+Status+.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of Past Land Use.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=123007&fileName=Table+of+Past+Land+Use.pdf			

11	4 of 6	ENE/241.2	183.9 / -1.98	1939522 Ontario Limited Part of 4200 Stanley Avenue, Former Cytec Lands, Parcel B Niagara Falls, ON Canada ON	CPU
EBR Registry No:	019-5038		Decision Posted:	April 21, 2022	
Ministry Ref No:			Exception Posted:		
Notice Type:	Instrument		Section:	Section 168.6	
Notice Stage:	Decision		Act 1:	Environmental Protection Act, R.S.O. 1990	
Notice Date:			Act 2:	Environmental Protection Act	
Proposal Date:	February 8, 2022		Site Location Map:	43.117479,-79.085085	
Year:	2022				
Instrument Type:	Certificate of property use				
Off Instrument Name:	Certificate of Property Use (EPA s. 168.6)				
Posted By:	Ministry of the Environment, Conservation and Parks				
Company Name:					
Site Address:	Part of 4200 Stanley Avenue, Former Cytec Lands, Parcel B Niagara Falls, ON Canada				
Location Other:					
Proponent Name:	1939522 Ontario Limited				
Proponent Address:	1939522 Ontario Limited 393 Rymal Road West Suite 405 Hamilton, ON L9B 1V2 Canada				
Comment Period:	February 8, 2022 - March 25, 2022 (45 days) Closed				
URL:	https://ero.ontario.ca/notice/019-5038				
Site Location Details:					
North-east of the intersection of Thorold Stone Road and Stanley Avenue in the City of Niagara Falls					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	5 of 6	ENE/241.2	183.9 / -1.98	1939522 Ontario Limited, 4200 Stanley Avenue Niagara Falls, ON Canada ON	CPU
EBR Registry No:		019-5188		Decision Posted:	August 9, 2022
Ministry Ref No:				Exception Posted:	
Notice Type:		Instrument		Section:	Section 168.6
Notice Stage:		Decision		Act 1:	Environmental Protection Act, R.S.O. 1990
Notice Date:				Act 2:	Environmental Protection Act
Proposal Date:		April 6, 2022		Site Location Map:	43.117699,-79.080707
Year:		2022			
Instrument Type:		Certificate of property use			
Off Instrument Name:		Certificate of Property Use (EPA s. 168.6)			
Posted By:		Ministry of the Environment, Conservation and Parks			
Company Name:					
Site Address:		4200 Stanley Avenue Niagara Falls, ON Canada			
Location Other:					
Proponent Name:		1939522 Ontario Limited,			
Proponent Address:		1939522 Ontario Limited, 393 Rymal Road West, Suite 405 Hamilton, ON L9B 1V2 Canada			
Comment Period:		April 6, 2022 - May 21, 2022 (45 days) Closed			
URL:		https://ero.ontario.ca/notice/019-5188			
Site Location Details:					
North of Thorold Stone Road and Stanley Avenue					

11	6 of 6	ENE/241.2	183.9 / -1.98	1939522 ONTARIO LIMITED 4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2 Niagara Falls ON	RSC
RSC ID:		232031		Cert Date:	
RA No:		RA1729-18d		Cert Prop Use No:	
RSC Type:		Phase 1 and 2 RSC with RA		Intended Prop Use:	Commercial
Curr Property Use:		Industrial		Qual Person Name:	CHRISTOPHER CUSHING
Ministry District:		Niagara District Office		Stratified (Y/N):	
Filing Date:		2022/06/13		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:		272501001118401			
Prop ID No (PIN):		64269-0613 (LT)			
Property Municipal Address:		4200 STANLEY AVENUE, NIAGARA FALLS, ON L2E 4N2			
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
RSC PDF:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=164637&fileName=BROWNFIELDS-E.pdf			
<u>Document(s) Detail</u>					
Document Heading:		Supporting Documents			
Document Name:		Survey Plan.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=164640&fileName=Survey+Plan.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyers Letter.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=164631&fileName=Lawyers+Letter.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table_of_Past_Land_Use.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=164633&fileName=Table_of_Past_Land_Use.pdf			
Document Heading:		Supporting Documents			
Document Name:		APECTable.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=167346&fileName=APECTable.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=167345&fileName=CertofStatus.pdf			
Document Heading:		Supporting Documents			
Document Name:		Phase Two CSM.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=164641&fileName=Phase+Two+CSM.pdf			
Document Heading:		Supporting Documents			
Document Name:		Transfer Documents.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=164636&fileName=Transfer+Documents.pdf			
Document Heading:		Supporting Documents			
Document Name:		PSS RA1729-18d Apr13-22.xls			
Document Type:		Property Specific Standards			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=164638&fileName=PSS+RA1729-18d+Apr13-22.xls			
Document Heading:		Orders and Notices			
Document Name:		CytecParcelB-FinalCPU signed.pdf			
Document Type:		CPU			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=167347&fileName=CytecParcelB-FinalCPU+signed.pdf			
12	1 of 4	ESE/241.4	183.8 / -2.03	4300 Stanley Ave. Niagara Falls ON L2E 4Z4	EHS
Order No:	20030710003			Nearest Intersection:	Thorold Stone Road
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	CO

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 7/18/03 Date Received: 7/10/03 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Search Radius (km): 0.40 X: -79.084236 Y: 43.111064					
12	2 of 4	ESE/241.4	183.8 / -2.03	4300 Stanley Avenue Niagara Falls ON L2E 4Z4	EHS
Order No: 20050929026 Status: C Report Type: Complete Report Report Date: 10/11/2005 Date Received: 9/29/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -79.085752 Y: 43.111226					
12	3 of 4	ESE/241.4	183.8 / -2.03	4300 Stanley Ave Niagara Falls ON L2E4Z4	EHS
Order No: 20150623367 Status: C Report Type: Standard Report Report Date: 30-JUN-15 Date Received: 23-JUN-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.084677 Y: 43.111333					
12	4 of 4	ESE/241.4	183.8 / -2.03	EMCO Corporation 4300 Stanley Avenue Niagara Falls ON L2E 4Z4	GEN
Generator No: ON8901827 SIC Code: 416120 SIC Description: PLUMBING, HEATING AND AIR-CONDITIONING EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Andrew Hunter Choice of Contact: CO_ADMIN Phone No Admin: 905-682-0510 Ext. Contaminated Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 145 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES					
13	1 of 1	ENE/245.6	183.6 / -2.28	S/E CORNER THOROLD RD & STANLEY AVE Niagara Falls ON	WWIS
Well ID: 7275276 Construction Date: Use 1st: Monitoring and Test Hole					
Flowing (Y/N): Flow Rate: Data Entry Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006426090			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006426091			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006426101			
Layer:		2			
Plug From:		19.0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006426102			
Layer:		3			
Plug From:		0.5			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006426100			
Layer:		1			
Plug From:		30.0			
Plug To:		19.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006426099			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006426089			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006426095			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		20.0			
Depth To:		0.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006426096			
Layer:		1			
Slot:		10			
Screen Top Depth:		30.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1006426094			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006426093			
Diameter:		6.0			
Depth From:		30.0			
Depth To:		0.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Bore Hole ID: 1006293594 Depth M: 9.144 Year Completed: 2016 Well Completed Dt: 2016/10/25 Audit No: Z245508 </div> <div> Tag No: A215513 Contractor: 7241 Path: 727\7275276.pdf Latitude: 43.1132888419483 Longitude: -79.0856929502028 </div> </div>					
14	1 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL OF CANADA LTD. 5800 THOROLD STONE RD. NIAGARA FALLS CITY ON L2J 1A2	CA
<div> <div> Certificate #: 8-2056-86- Application Year: 86 Issue Date: 11/7/1986 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: CHANGE OF FUEL Contaminants: Emission Control: </div> </div>					
14	2 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	CA
<div> <div> Certificate #: 8-2205-93- Application Year: 93 Issue Date: 9/24/1993 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: BULK CAUSTIC SODA PNEUMATIC HANDLING SYS Contaminants: Sodium Hydroxide Emission Control: </div> </div>					
14	3 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	SPL
<div> <div> Ref No: 102484 Site No: Incident Dt: 7/8/1994 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND </div> <div> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 18101 Site Lot: Site Conc: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	7/8/1994 ERROR			Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: LUBRIZOL-OIL ADDITIVE DRIPPING ONTO ROAD FROM TANKER DURING TRANSPORT.	

14	4 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	119120 9/29/1995 VALVE/FITTING LEAK OR FAILURE CONFIRMED Soil contamination LAND 9/29/1995 EQUIPMENT FAILURE			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 18101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

14	5 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium:	90576 8/30/1993 CONTAINER OVERFLOW NOT ANTICIPATED LAND / WATER			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 18101 Site Lot: Site Conc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 8/30/1993 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty: </div> <div> Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: </div> </div>					
LUBRIZOL-1M3 2-ETHYLHEXYLALCOHOL TO STORM SEWER, SEWER BLOCKED,CONTAINED.					
14	6 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	SPL
<div> <div> Ref No: 94242 Site No: Incident Dt: 12/7/1993 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 12/7/1993 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty: </div> <div> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 18101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: </div> </div>					
LUBRIZOL - 200 L OF AN OIL ADDITIVE TO GROUND WHEN OFF-LOADING RAIL CAR					
14	7 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	PRT
<div> <div> Location ID: 9889 Type: private Expiry Date: Capacity (L): 27276.00 Licence #: 0001030493 </div> </div>					
14	8 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	SCT
<div> <div> Established: 1953 Plant Size (ft²): Employment: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Paint and Coating Manufacturing			
SIC/NAICS Code:		325510			
Description:		All Other Miscellaneous Chemical Product Manufacturing			
SIC/NAICS Code:		325999			
14	9 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	SPL
Ref No:	137807			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	2/28/1997			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	18101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2/28/1997			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	LUBRIZOL - 68.3 L OF OIL ADDITIVE TO GROUND WHILE LOADING RAIL TANK CAR.				
Contaminant Qty:					
14	10 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. 5800 THOROLD STONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	SPL
Ref No:	138793			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	3/29/1997			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	18101
Nature of Impact:				Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	

14	12 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:	3593			Org ID:	56179
Other ID:	FALSE			Submit Date:	
No Other ID:	0			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9716			Contact ID:	108600
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Year:	1994			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	NOT AVAILABLE
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	46056			Contact Ph.:	9053585778
Fac Name:	NOT AVAILABLE			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	NOT AVAILABLE
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	17
Facility Cmnts:	FALSE			UTM Northing:	4775170
URL:				UTM Easting:	655192
No of Empl.:	70			Waste Streams:	FALSE
Parent Co.:	TRUE			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	TRUE
Pollut Prev Cmnts:				No Off Sites:	5
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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3259				
NAICS 4 Description:	Other chemical product manufacturing				
NAICS Code (6 digit):	325999				
NAICS 6 Description:	All other miscellaneous chemical product manufacturing				
<u>Substance Release Report</u>					
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Methanol				
Chem (fr):	Méthanol				
Quantity:	.052				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	Isopropyl alcohol				
Chem (fr):	Alcool iso-propylique				
Quantity:	.006				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Xylene (mixed isomers)				
Chem (fr):	Xylène (mélange d'isomères)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity:		.011			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.25			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.001			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.48			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.016			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.002			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Isopropyl alcohol			
Chem (fr):		Alcool iso-propylique			
Quantity:		.074			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.028			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Isopropyl alcohol			
Chem (fr):		Alcool iso-propylique			
Quantity:		.15			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.021			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			

14	13 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
<hr/>					
NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	9/26/2001
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9717			Contact ID:	108600
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS
Report Year:	1995			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	NOT AVAILABLE
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	46056			Contact Ph.:	9053585778
Fac Name:	NOT AVAILABLE			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	NOT AVAILABLE
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	17
Facility Cmnts:	FALSE			UTM Northing:	4775170
URL:				UTM Easting:	655192
No of Empl.:	70			Waste Streams:	FALSE
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	TRUE
Pollut Prev Cmnts:	FALSE			No Off Sites:	4
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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3259				
NAICS 4 Description:	Other chemical product manufacturing				
NAICS Code (6 digit):	325999				
NAICS 6 Description:	All other miscellaneous chemical product manufacturing				
<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:	Isopropyl alcohol				
Chem (fr):	Alcool iso-propylique				
Quantity:	.102				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	Xylene (mixed isomers)				
Chem (fr):	Xylène (mélange d'isomères)				
Quantity:	.001				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	2				
Category Type Desc:	Storage / Handling				
Category Type Desc (fr):	Rejets de stockage ou manutention				
Grouping:	Total Air				
Trans Code:	VOCg				
Chem:	Isopropyl alcohol				
Chem (fr):	Alcool iso-propylique				
Quantity:	.168				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	3				
Category Type Desc:	Fugitive				

<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>
<hr/>					
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.016			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.041			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.001			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Isopropyl alcohol			
Chem (fr):		Alcool iso-propylique			
Quantity:		.008			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.023			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.302			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.526			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.005			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.004			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			

<u>14</u>	14 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
<hr/>					
NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	9/18/1997
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9718			Contact ID:	108610
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS
Report Year:	1996			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	TECHNOLOGY MANAGER
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	NOT AVAILABLE
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	17
Facility Cmnts:	FALSE			UTM Northing:	4775170

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
URL:				UTM Easting:	655192
No of Empl.:	63			Waste Streams:	FALSE
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	TRUE
Pollut Prev Cmnts:	FALSE			No Off Sites:	4
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):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			
 <u>Substance Release Report</u>					
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.002			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		i-Butyl alcohol			
Chem (fr):		2-Méthylpropan-1-ol			
Quantity:		.094			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Isopropyl alcohol			
Chem (fr):		Alcool isopropylique			
Quantity:		.007			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.006			
Unit:		tonnes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Xylene (mixed isomers)			
Chem (fr):		Xylène (mélange d'isomères)			
Quantity:		.035			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.002			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Isopropyl alcohol			
Chem (fr):		Alcool isopropylique			
Quantity:		.126			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.027			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		Isopropyl alcohol			
Chem (fr):		Alcool isopropylique			
Quantity:		.061			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.024			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		Toluene			
Chem (fr):		Toluène			
Quantity:		.05			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.419			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.012			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.019			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Methanol			
Chem (fr):		Méthanol			
Quantity:		.049			
Unit:		tonnes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	Xylene (mixed isomers)				
Chem (fr):	Xylène (mélange d'isomères)				
Quantity:	.001				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	i-Butyl alcohol				
Chem (fr):	2-Méthylpropan-1-ol				
Quantity:	.005				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				
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:	i-Butyl alcohol				
Chem (fr):	2-Méthylpropan-1-ol				
Quantity:	.035				
Unit:	tonnes				
Basis of Estimate Cd:	E				
Basis of Estimate Desc:	E- Emission Factor - In use from 1994 to 2002				

14	15 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	7/27/1998
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9719			Contact ID:	108610
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS
Report Year:	1997			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	TECHNOLOGY MANAGER
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	NOT AVAILABLE
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	17
Facility Cmnts:	FALSE			UTM Northing:	4775170
URL:				UTM Easting:	655192

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No of Empl.:	63			Waste Streams:	FALSE
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	TRUE
Pollut Prev Cmnts:	FALSE			No Off Sites:	4
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):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			
<u>Substance Release Report</u>					
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.036			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
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:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.04			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.432			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.13			
Unit:		tonnes			
Basis of Estimate Cd:		E			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.013			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.006			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
14	16 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:		3593	Org ID:		56179
Other ID:		Y	Submit Date:		6/1/1999
No Other ID:		1	Last Modified:		5/29/2015 3:28:24 PM
Track ID:		9720	Contact ID:		108606
Report ID:			Cont Type:		MED
Report Type:		NPRI	Contact Title:		
Rpt Type ID:		1	Cont First Name:		STAVROS
Report Year:		1998	Cont Last Name:		ROUSSAKIS
Not-Current Rpt?:		No	Contact Position:		OPERATIONS AND ENGINEERING MGR
Yr of Last Filed Rpt:		2008	Contact Fax:		9053580253
Fac ID:		114978	Contact Ph.:		9053585778
Fac Name:		LUBRIZOL CANADA	Cont Area Code:		905
Fac Address1:		5800 THOROLD STONE ROAD	Contact Tel.:		53585778
Fac Address2:		NOT AVAILABLE	Contact Ext.:		129
Fac Postal Zip:		L2J1A2	Cont Fax Area Cde:		905
Facility Lat:		43.115	Contact Fax:		53580253
Facility Long:		-79.091	Contact Email:		JSR@LUBRIZOL.COM
DLS (Last Filed Rpt):			Latitude:		43.115
Facility DLS:			Longitude:		-79.091
Datum:		1983	UTM Zone:		17
Facility Cmnts:		False	UTM Northing:		4775170
URL:		WWW.LUBRIZOL.COM	UTM Easting:		655192
No of Empl.:		36	Waste Streams:		False
Parent Co.:		Y	No Streams:		0
No Parent Co.:		1	Waste Off Sites:		Fals
Pollut Prev Cmnts:		False	No Off Sites:		4
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):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			
<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:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.038			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.006			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		1,2,4-Trimethylbenzene			
Chem (fr):		1,2,4-Triméthylbenzène			
Quantity:		.034			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.124			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			
Category Type ID:		2			
Category Type Desc:		Storage / Handling			
Category Type Desc (fr):		Rejets de stockage ou manutention			
Grouping:		Total Air			
Trans Code:		VOCg			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.41			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.012			
Unit:		tonnes			
Basis of Estimate Cd:		E			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002			

14	17 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
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NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	6/1/2000
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9721			Contact ID:	108606
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS
Report Year:	1999			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	OPERATIONS AND ENGINEERING MGR
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	JSR@LUBRIZOL.COM
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	17
Facility Cmnts:	False			UTM Northing:	4775170
URL:	WWW.LUBRIZOL.COM			UTM Easting:	655192
No of Empl.:	36			Waste Streams:	Yes
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	Yes
Pollut Prev Cmnts:	False			No Off Sites:	0
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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3259				
NAICS 4 Description:	Other chemical product manufacturing				
NAICS Code (6 digit):	325999				
NAICS 6 Description:	All other miscellaneous chemical product manufacturing				

Substance Release Report

Category Type ID: 3
 Category Type Desc: Fugitive
 Category Type Desc (fr): Émissions fugitives
 Grouping: Total Air
 Trans Code: VOCs
 Chem: 1,2,4-Trimethylbenzene

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Chem (fr): 1,2,4-Triméthylbenzène Quantity: .004 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002 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: 1,2,4-Trimethylbenzene Chem (fr): 1,2,4-Triméthylbenzène Quantity: .008 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002 Category Type ID: 2 Category Type Desc: Storage / Handling Category Type Desc (fr): Rejets de stockage ou manutention Grouping: Total Air Trans Code: VOCg Chem: 1,2,4-Trimethylbenzene Chem (fr): 1,2,4-Triméthylbenzène Quantity: .004 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002					
14	18 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. LUBRISOL PLANT, BUILDING #4 BUILDING NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON	SPL
Ref No: 210762 Site No: Incident Dt: 9/5/2001 Year: Incident Cause: OTHER CAUSE (N.O.S.) Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Possible Nature of Impact: Air Pollution Receiving Medium: Air Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/5/2001 Dt Document Closed: Incident Reason: FIRE, EXPLOSION Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: LUBRIZOL: SMALL FIRE IN BUILDING - NO CHEMICALS INVOLVED. FIRE OUT. Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: POLICE, FIRE, AMBULANCE Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 18101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	19 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD. 5800 THOROLDSTONE ROAD NIAGARA FALLS PLANT 5800 THOROLD STONE ROAD NIAGARA FALLS CITY ON L2J 1A2	SPL
Ref No:	218629			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/20/2001			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	18101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	12/20/2001			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	LUBRIZOL: 1500 KG OF POLYMER TO TREATMENT SYSTEM, CONTAINED.				
Contaminant Qty:					
14	20 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	6/1/2001
No Other ID:	1.00			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	9722			Contact ID:	108602
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	STAVROS
Report Year:	2000			Cont Last Name:	ROUSSAKIS
Not-Current Rpt?:	No			Contact Position:	ENGINEERING MGR
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	129
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	JSR@LUBRIZOL.COM
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	WWW.LUBRIZOL.COM			UTM Easting:	
No of Empl.:	36			Waste Streams:	No
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1.00			Waste Off Sites:	Yes
Pollut Prev Cmnts:	False			No Off Sites:	3.00
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 32 NAICS 2 Description: Manufacturing NAICS Code (4 digit): 3259 NAICS 4 Description: Other chemical product manufacturing NAICS Code (6 digit): 325999 NAICS 6 Description: All other miscellaneous chemical product manufacturing					
<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: 1,2,4-Trimethylbenzene Chem (fr): 1,2,4-Triméthylbenzène Quantity: .001 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002					
Category Type ID: 2 Category Type Desc: Storage / Handling Category Type Desc (fr): Rejets de stockage ou manutention Grouping: Total Air Trans Code: VOCg Chem: 1,2,4-Trimethylbenzene Chem (fr): 1,2,4-Triméthylbenzène Quantity: .007 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002					
Category Type ID: 3 Category Type Desc: Fugitive Category Type Desc (fr): Émissions fugitives Grouping: Total Air Trans Code: VOCs Chem: 1,2,4-Trimethylbenzene Chem (fr): 1,2,4-Triméthylbenzène Quantity: .004 Unit: tonnes Basis of Estimate Cd: E Basis of Estimate Desc: E- Emission Factor - In use from 1994 to 2002					
14	21 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL OF CANADA LTD. 5800 THOROLD STONE RD. NIAGARA FALLS ON L2J 1A2	CA
Certificate #: 8-2051-85-006 Application Year: 85 Issue Date: 8/22/85 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Phthalates					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:		No Controls			
14	22 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID: 3593 Other ID: Y No Other ID: 1.00 Track ID: 9723 Report ID: Report Type: NPRI Rpt Type ID: 1 Report Year: 2001 Not-Current Rpt?: No Yr of Last Filed Rpt: 2008 Fac ID: 114978 Fac Name: LUBRIZOL CANADA Fac Address1: 5800 THOROLD STONE ROAD Fac Address2: NOT AVAILABLE Fac Postal Zip: L2J1A2 Facility Lat: 43.115 Facility Long: -79.091 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: No URL: WWW.LUBRIZOL.COM No of Empl.: 34 Parent Co.: Y No Parent Co.: 1.00 Pollut Prev Cmnts: No Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 32 NAICS 2 Description: Manufacturing NAICS Code (4 digit): 3259 NAICS 4 Description: Other chemical product manufacturing NAICS Code (6 digit): 325999 NAICS 6 Description: All other miscellaneous chemical product manufacturing		Org ID: 56179 Submit Date: 6/1/2002 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 108602 Cont Type: MED Contact Title: Cont First Name: STAVROS Cont Last Name: ROUSSAKIS Contact Position: ENGINEERING MGR Contact Fax: 9053580253 Contact Ph.: 9053585778 Cont Area Code: 905 Contact Tel.: 53585778 Contact Ext.: 129 Cont Fax Area Cde: 905 Contact Fax: 53580253 Contact Email: JSR@LUBRIZOL.COM Latitude: 43.115 Longitude: -79.091 UTM Zone: UTM Northing: UTM Easting: Waste Streams: No No Streams: 0.00 Waste Off Sites: Yes No Off Sites: 3.00 Shutdown: No of Shutdown:			
14	23 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL OF CDA LTD P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	GEN
Generator No: ON0294500 SIC Code: 3799 SIC Description: OTHER CHEM. PROD. Approval Years: 86,87 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
14	24 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED P.O. BOX 598 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	GEN
Generator No:		ON0294500			
SIC Code:		3799			
SIC Description:		OTHER CHEM. PROD.			
Approval Years:		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:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
14	25 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 24-018 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	GEN
Generator No:		ON0294500			
SIC Code:		3799			
SIC Description:		OTHER CHEM. PROD.			
Approval Years:		92,93,94,95,96			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		123			
Waste Class Name:		ALKALINE PHOSPHATES			
Waste Class:		134			
Waste Class Name:		SULPHIDE-CONTAINING WASTES			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		243			
Waste Class Name:		PCB'S			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		270			
Waste Class Name:		OTHER SPECIFIED ORGANICS			
<hr/>					
14	26 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2E 6V2	GEN
Generator No:		ON0294500			
SIC Code:		3799			
SIC Description:		OTHER CHEM. PROD.			
Approval Years:		97,98,99,00,01,02,03,04,05,06,07,08			
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:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		268			
Waste Class Name:		AMINES			
Waste Class:		266			
Waste Class Name:		PHENOLIC WASTES			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		221 LIGHT FUELS			
Waste Class: Waste Class Name:		121 ALKALINE WASTES - HEAVY METALS			
Waste Class: Waste Class Name:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Name:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Name:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Name:		113 ACID WASTE - OTHER METALS			
Waste Class: Waste Class Name:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Name:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		211 AROMATIC SOLVENTS			
Waste Class: Waste Class Name:		212 ALIPHATIC SOLVENTS			
Waste Class: Waste Class Name:		123 ALKALINE PHOSPHATES			
Waste Class: Waste Class Name:		134 SULPHIDE-CONTAINING WASTES			
Waste Class: Waste Class Name:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Name:		213 PETROLEUM DISTILLATES			
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
Waste Class: Waste Class Name:		243 PCB'S			
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Name:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		270 OTHER SPECIFIED ORGANICS			
<u>14</u>	27 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	8/18/2003
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	76414			Contact ID:	122291
Report ID:	160880			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	BLAIR
Report Year:	2002			Cont Last Name:	SCHIEBEL
Not-Current Rpt?:	No			Contact Position:	PLANT ENGINEER
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	140
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	BSC@LUBRIZOL.COM
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	WWW.LUBRIZOL.COM			UTM Easting:	
No of Empl.:	34			Waste Streams:	False
Parent Co.:	Y			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	Fals
Pollut Prev Cmnts:	Fals			No Off Sites:	4
Stacks:	False			Shutdown:	False
No of Stacks:				No of Shutdown:	0
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3259				
NAICS 4 Description:	Other chemical product manufacturing				
NAICS Code (6 digit):	325999				
NAICS 6 Description:	All other miscellaneous chemical product manufacturing				
 <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:	Mercury (and its compounds)				
Chem (fr):	Mercure (et ses composés)				
Quantity:	.1				
Unit:	kg				
Basis of Estimate Cd:					
Basis of Estimate Desc:					

14	28 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
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NPRI ID:	3593			Org ID:	56179
Other ID:	Y			Submit Date:	5/25/2004
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	73043			Contact ID:	122289
Report ID:	152484			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	BLAIR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Year:	2003			Cont Last Name:	SCHIEBEL
Not-Current Rpt?:	No			Contact Position:	MANAGER OF ENGINEERING
Yr of Last Filed Rpt:	2008			Contact Fax:	9053580253
Fac ID:	114978			Contact Ph.:	9053585778
Fac Name:	LUBRIZOL CANADA			Cont Area Code:	905
Fac Address1:	5800 THOROLD STONE ROAD			Contact Tel.:	53585778
Fac Address2:	NOT AVAILABLE			Contact Ext.:	140
Fac Postal Zip:	L2J1A2			Cont Fax Area Cde:	905
Facility Lat:	43.115			Contact Fax:	53580253
Facility Long:	-79.091			Contact Email:	BSC@LUBRIZOL.COM
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	WWW.LUBRIZOL.COM			UTM Easting:	
No of Empl.:	44			Waste Streams:	True
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	8
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):	32				
NAICS 2 Description:	Manufacturing				
NAICS Code (4 digit):	3259				
NAICS 4 Description:	Other chemical product manufacturing				
NAICS Code (6 digit):	325999				
NAICS 6 Description:	All other miscellaneous chemical product manufacturing				
<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:	.184				
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:	Diphenylamine				
Chem (fr):	Diphénylamine				
Quantity:	.029				
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:	Mercury (and its compounds)				
Chem (fr):	Mercure (et ses composés)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity:		.1			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
14	29 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:		3593		Org ID:	56177
Other ID:		Y		Submit Date:	5/20/2005
No Other ID:		1		Last Modified:	5/29/2015 3:28:24 PM
Track ID:		25851		Contact ID:	
Report ID:		83291		Cont Type:	
Report Type:		NPRI		Contact Title:	
Rpt Type ID:		1		Cont First Name:	
Report Year:		2004		Cont Last Name:	
Not-Current Rpt?:		No		Contact Position:	
Yr of Last Filed Rpt:		2008		Contact Fax:	
Fac ID:		114978		Contact Ph.:	
Fac Name:		LUBRIZOL CANADA		Cont Area Code:	
Fac Address1:		5800 THOROLD STONE ROAD		Contact Tel.:	
Fac Address2:		NOT AVAILABLE		Contact Ext.:	
Fac Postal Zip:		L2J1A2		Cont Fax Area Cde:	
Facility Lat:		43.115		Contact Fax:	
Facility Long:		-79.091		Contact Email:	
DLS (Last Filed Rpt):				Latitude:	43.115
Facility DLS:				Longitude:	-79.091
Datum:		1983		UTM Zone:	
Facility Cmnts:		True		UTM Northing:	
URL:		WWW.LUBRIZOL.COM		UTM Easting:	
No of Empl.:		46		Waste Streams:	False
Parent Co.:		Y		No Streams:	
No Parent Co.:		1		Waste Off Sites:	Fals
Pollut Prev Cmnts:		True		No Off Sites:	7
Stacks:		No		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):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			
<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:		Stoddard solvent			
Chem (fr):		Solvant Stoddard			
Quantity:		.656			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		MSG#3 - Hydrotreated heavy paraffinic mineral spirits			
Chem (fr):		EMG#3 - Essences minérales paraffiniques lourdes hydrotraitées			
Quantity:		.184			
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:		Mercury (and its compounds)			
Chem (fr):		Mercure (et ses composés)			
Quantity:		.1			
Unit:		kg			
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:		Heavy aromatic solvent naphtha			
Chem (fr):		Solvant naphtha aromatique lourd			
Quantity:		.007			
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:		MSG#2 - Hydrotreated heavy naphthenic distillate			
Chem (fr):		EMG#2 - Distillat naphténique lourd hydrotraité			
Quantity:		.04			
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:		MSG#1 - Solvent naphtha medium aliphatic			
Chem (fr):		EMG#1 - Solvant naphtha aliphatique moyen			
Quantity:		.032			
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:		MSG#2 - Hydrotreated light distillate			
Chem (fr):		EMG#2 - Distillat léger hydrotraité			
Quantity:		.026			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		MSG#3 - Solvent refined heavy paraffinic distillate			
Chem (fr):		EMG#3 - Distillat paraffinique lourd raffiné au solvant			
Quantity:		.149			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

14	30 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:		3593	Org ID: 56177		
Other ID:		Y	Submit Date: 5/29/2006		
No Other ID:		1	Last Modified: 5/29/2015 3:28:24 PM		
Track ID:		37334	Contact ID:		
Report ID:		94679	Cont Type:		
Report Type:		NPRI	Contact Title:		
Rpt Type ID:		1	Cont First Name:		
Report Year:		2005	Cont Last Name:		
Not-Current Rpt?:		No	Contact Position:		
Yr of Last Filed Rpt:		2008	Contact Fax:		
Fac ID:		114978	Contact Ph.:		
Fac Name:		LUBRIZOL CANADA	Cont Area Code:		
Fac Address1:		5800 THOROLD STONE ROAD	Contact Tel.:		
Fac Address2:		NOT AVAILABLE	Contact Ext.:		
Fac Postal Zip:		L2J1A2	Cont Fax Area Cde:		
Facility Lat:		43.115	Contact Fax:		
Facility Long:		-79.091	Contact Email:		
DLS (Last Filed Rpt):			Latitude: 43.115		
Facility DLS:			Longitude: -79.091		
Datum:		1983	UTM Zone:		
Facility Cmnts:		Fals	UTM Northing:		
URL:		WWW.LUBRIZOL.COM	UTM Easting:		
No of Empl.:		49	Waste Streams: False		
Parent Co.:		Y	No Streams:		
No Parent Co.:		1	Waste Off Sites: Fals		
Pollut Prev Cmnts:		False	No Off Sites: 7.00		
Stacks:		False	Shutdown:		
No of Stacks:			No of Shutdown:		
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			

Substance Release Report

Category Type ID: 13
Category Type Desc: All Media
Category Type Desc (fr): Rejets à tous les médias

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Grouping: Total All Media<1t Trans Code: Chem: Mercury (and its compounds) Chem (fr): Mercure (et ses composés) Quantity: .1 Unit: kg 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: 2,6-Di-t-butyl-4-methylphenol Chem (fr): 2,6-Di-t-butyl-4-méthylphénol Quantity: .031 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
14	31 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	FSTH
License Issue Date: 8/14/1990 Tank Status: Licensed Tank Status As Of: August 2007 Operation Type: Private Fuel Outlet Facility Type: Gasoline Station - Self Serve --Details-- Status: Active Year of Installation: 1980 Corrosion Protection: Capacity: 13638 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline Status: Active Year of Installation: 1981 Corrosion Protection: Capacity: 13638 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
14	32 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID: 3593 Other ID: Y No Other ID: 1 Track ID: 43041 Report ID: 103765 Report Type: NPRI Rpt Type ID: 1 Report Year: 2006 Not-Current Rpt?: No Yr of Last Filed Rpt: 2008 Fac ID: 114978 Fac Name: LUBRIZOL CANADA Fac Address1: 5800 THOROLD STONE ROAD Fac Address2: NOT AVAILABLE Org ID: 56177 Submit Date: 5/10/2007 Last Modified: 5/29/2015 3:28:24 PM Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Ph.: Cont Area Code: Contact Tel.: Contact Ext.:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Fac Postal Zip: L2J1A2 Facility Lat: 43.115 Facility Long: -79.091 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: Fals URL: WWW.LUBRIZOL.COM No of Empl.: 53 Parent Co.: Y No Parent Co.: 1 Pollut Prev Cmnts: False Stacks: True No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 32 NAICS 2 Description: Manufacturing NAICS Code (4 digit): 3259 NAICS 4 Description: Other chemical product manufacturing NAICS Code (6 digit): 325999 NAICS 6 Description: All other miscellaneous chemical product manufacturing </div> <div> Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: 43.115 Longitude: -79.091 UTM Zone: UTM Northing: UTM Easting: Waste Streams: True No Streams: Waste Off Sites: Fals No Off Sites: 8.00 Shutdown: No of Shutdown: </div> </div>					
<u>Substance Release Report</u>					
<div> 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: 2,6-Di-t-butyl-4-methylphenol Chem (fr): 2,6-Di-t-butyl-4-méthylphénol Quantity: .030000000000000002 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc: </div>					
<div> 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: Mercury (and its compounds) Chem (fr): Mercure (et ses composés) Quantity: .1 Unit: kg Basis of Estimate Cd: Basis of Estimate Desc: </div>					
14	33 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorhold Stone Road Niagara Falls Ontario Niagara Falls ON	EBR
<div> <div> EBR Registry No: IA03E1195 Ministry Ref No: 7907-5PSQJG Notice Type: Instrument Decision Notice Stage: Notice Date: February 24, 2004 Proposal Date: August 14, 2003 Year: 2003 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) </div> <div> Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Off Instrument Name:					
Posted By:					
Company Name:		Lubrizol Canada Limited			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		PO Box 598, Niagara Falls Ontario, L2E 6V2			
Comment Period:					
URL:					
Site Location Details:					
5800 Thorhold Stone Road Niagara Falls Ontario Niagara Falls					

14	34 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA 5800 THOROLD STONE ROAD NOT AVAILABLE NIAGARA FALLS ON L2J1A2	NPRI
NPRI ID:		3593	Org ID: 56177		
Other ID:		Y	Submit Date: 5/8/2008		
No Other ID:		1.00	Last Modified: 5/29/2015 3:28:24 PM		
Track ID:		52472	Contact ID:		
Report ID:		113245	Cont Type:		
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:		2008	Contact Fax:		
Fac ID:		114978	Contact Ph.:		
Fac Name:		LUBRIZOL CANADA	Cont Area Code:		
Fac Address1:		5800 THOROLD STONE ROAD	Contact Tel.:		
Fac Address2:		NOT AVAILABLE	Contact Ext.:		
Fac Postal Zip:		L2J1A2	Cont Fax Area Cde:		
Facility Lat:		43.115	Contact Fax:		
Facility Long:		-79.091	Contact Email:		
DLS (Last Filed Rpt):			Latitude: 43.115		
Facility DLS:			Longitude: -79.091		
Datum:		1983	UTM Zone:		
Facility Cmnts:		Fals	UTM Northing:		
URL:		WWW.LUBRIZOL.COM	UTM Easting:		
No of Empl.:		49	Waste Streams: Trueç		
Parent Co.:		Y	No Streams:		
No Parent Co.:		1.00	Waste Off Sites: True		
Pollut Prev Cmnts:		False	No Off Sites: 8.00		
Stacks:		True	Shutdown:		
No of Stacks:			No of Shutdown:		
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		32			
NAICS 2 Description:		Manufacturing			
NAICS Code (4 digit):		3259			
NAICS 4 Description:		Other chemical product manufacturing			
NAICS Code (6 digit):		325999			
NAICS 6 Description:		All other miscellaneous chemical product manufacturing			

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		Total All Media<1t Mercury (and its compounds) Mercure (et ses composés) .084 kg 			
14	35 of 54	NW/246.3	179.4 / -6.48	5800 Thorold Stone Road Niagara Falls ON L2J 1A2	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20080916039 C Custom Report 9/22/2008 9/16/2008 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				Niagara Falls ON 0.25 -79.091144 43.11539	
14	36 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON L2J 1A2	FSTH
License Issue Date: Tank Status: Tank Status As Of: Operation Type: Facility Type:		8/14/1990 Licensed December 2008 Private Fuel Outlet Gasoline Station - Self Serve			
--Details--					
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1980 13638 Liquid Fuel Single Wall UST - Gasoline			
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1981 13638 Liquid Fuel Single Wall UST - Gasoline			
14	37 of 54	NW/246.3	179.4 / -6.48	5800 Thorold Stone Road Niagara Falls ON L2J 1A2	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20090727029 C Custom Report 8/6/2009 7/27/2009 Fire Insur. Maps and/or Site Plans; Aerial Photos; City Directory		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON 0.25 -79.090706 43.11539	
14	38 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorold Stone Road Niagara Falls ON	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Certificate #: 0336-5QDLXC Application Year: 2003 Issue Date: 8/25/2003 Approval Type: Air Status: Revoked and/or Replaced Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
14	39 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorold Stone Road Niagara Falls ON L2J 1A2	CA
Certificate #: 1201-5VULX2 Application Year: 2004 Issue Date: 2/23/2004 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
14	40 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u> <div> <div> Instance No: 9316736 Status: EXPIRED Instance ID: 385298 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: </div> <div> 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: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Fuels Safety Private Fuel Outlet - Self Serve Original Source: EXP Record Date: Up to Mar 2012					

14	41 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No: 10876038 Status: EXPIRED Instance ID: 48276 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:
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14	42 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No: 10876020 Status: EXPIRED Instance ID: 48623 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer:	Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:			
		FS Piping EXP Up to Mar 2012			

14	43 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LIMITED 5800 THOROLD STONE ROAD NIAGARA FALLS ON L2J 1A2	GEN
Generator No:		ON0294500			
SIC Code:		325110			
SIC Description:		Petrochemical Manufacturing			
Approval Years:		2009			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
 <u>Detail(s)</u>					
Waste Class:		270			
Waste Class Name:		OTHER SPECIFIED ORGANICS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		243			
Waste Class Name:		PCBS			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		113			
Waste Class Name:		ACID WASTE - OTHER METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		121			
Waste Class Name:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		123			
Waste Class Name:		ALKALINE PHOSPHATES			
Waste Class:		134			
Waste Class Name:		SULPHIDE-CONTAINING WASTES			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		266			
Waste Class Name:		PHENOLIC WASTES			
Waste Class:		268			
Waste Class Name:		AMINES			

14	44 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10876029	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	8/10/1990	Fuel Type 2:	NULL
Instance Install Dt:	8/10/1990	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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity:	1			Piping Galvanized:	
Unit of Measure:	EA			Tank Single Wall St:	
Overfill Prot Type:	NULL			Piping Underground:	
Creation Date:	7/5/2009 1:21:49 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:	Removed 1990 per client email attchd to Notes tab				
Original Source:	EXP				
Record Date:	31-JUL-2020				

14	45 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10876014	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	8/10/1990	Fuel Type 2:	NULL
Instance Install Dt:	8/10/1990	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 1:21:51 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:	Removed 1990 per client email attchd to Notes tab		
Original Source:	EXP		
Record Date:	31-JUL-2020		

14	46 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorhold Stone Road Niagara Falls ON	ECA
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No: 0336-5QDLXC Approval Date: 2003-08-25 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Niagara Peninsula Approval Type: ECA-AIR Project Type: AIR Business Name: Lubrizol Canada Limited Address: 5800 Thorhold Stone Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1706-5QDKBV-14.pdf PDF Site Location:					
14	47 of 54	NW/246.3	179.4 / -6.48	Lubrizol Canada Limited 5800 Thorold Stone Road Niagara Falls ON	ECA
Approval No: 1201-5VULX2 Approval Date: 2004-02-23 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Niagara Peninsula Approval Type: ECA-AIR Project Type: AIR Business Name: Lubrizol Canada Limited Address: 5800 Thorold Stone Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7907-5PSQJG-14.pdf PDF Site Location:					
14	48 of 54	NW/246.3	179.4 / -6.48	Oleo Energies Inc. 5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	GEN
Generator No: ON3402725 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 L Waste Class Name: Light fuels Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
14	49 of 54	NW/246.3	179.4 / -6.48	Oleo Energies Inc. 5800 Thorold Stone Road Niagara Falls, ON L2J 1A2 Canada	EBR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
EBR Registry No:	013-4385			Decision Posted:	November 12, 2019
Ministry Ref No:	3027-B76L33			Exception Posted:	
Notice Type:	Instrument			Section:	Part II.1 (20.3 or 20.5)
Notice Stage:	Decision			Act 1:	Environmental Protection Act, R.S.O. 1990
Notice Date:				Act 2:	Environmental Protection Act
Proposal Date:	December 19, 2018			Site Location Map:	43.115437,-79.091005
Year:	2018				
Instrument Type:	Environmental Compliance Approval (air)				
Off Instrument Name:	Environmental Compliance Approval (air) (EPA s.9)				
Posted By:	Ministry of the Environment, Conservation and Parks				
Company Name:					
Site Address:	5800 Thorold Stone Road Niagara Falls, ON L2J 1A2 Canada				
Location Other:					
Proponent Name:	Oleo Energies Inc.				
Proponent Address:	5800 Thorold Stone Road Niagara Falls, ON L2J 1A2 Canada				
Comment Period:	December 19, 2018 - February 2, 2019 (45 days) Closed				
URL:	https://ero.ontario.ca/notice/013-4385				
Site Location Details:					
14	50 of 54	NW/246.3	179.4 / -6.48	Oleo Energies Inc. 5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	GEN
Generator No:	ON3402725				
SIC Code:					
SIC Description:					
Approval Years:	As of Jul 2020				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
Detail(s)					
Waste Class:	221 L				
Waste Class Name:	Light fuels				
Waste Class:	251 L				
Waste Class Name:	Waste oils/sludges (petroleum based)				
14	51 of 54	NW/246.3	179.4 / -6.48	Oleo Energies Inc. 5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	ECA
Approval No:	8625-BG3ND2			MOE District:	Niagara
Approval Date:	2019-11-05			City:	
Status:	Approved			Longitude:	-79.09086
Record Type:	ECA			Latitude:	43.11356
Link Source:	IDS			Geometry X:	
SWP Area Name:	Niagara Peninsula			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Oleo Energies Inc.				
Address:	5800 Thorold Stone Rd				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3027-B76L33-14.pdf PDF Site Location:					
14	52 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	FST
Instance No: 10876014 Status: Cont Name: Instance Type: Item: Item Description: FS Liquid Fuel Tank Tank Type: Single Wall UST Install Date: 8/10/1990 Install Year: 1980 Years in Service: Model: NULL Description: Capacity: 13638 Tank Material: Fiberglass (FRP) Corrosion Protect: Fiberglass Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA					
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:					
Liquid Fuel Tank Details					
Overfill Protection: Owner Account Name: LUBRIZOL CANADA LTD Item: FS LIQUID FUEL TANK					
14	53 of 54	NW/246.3	179.4 / -6.48	LUBRIZOL CANADA LTD 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA ON	FST
Instance No: 10876029 Status: Cont Name: Instance Type: Item: Item Description: FS Liquid Fuel Tank Tank Type: Single Wall UST Install Date: 8/10/1990 Install Year: 1981 Years in Service: Model: NULL Description: Capacity: 13638 Tank Material: Steel Corrosion Protect: Impressed Current Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 5800 THOROLD STONE RD NIAGARA FALLS L2J 1A2 ON CA					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:		LUBRIZOL CANADA LTD			
Item:		FS LIQUID FUEL TANK			
14	54 of 54	NW/246.3	179.4 / -6.48	Oleo Energies Inc. 5800 Thorold Stone Rd Niagara Falls ON L2J 1A2	GEN
Generator No:		ON3402725			
SIC Code:					
SIC Description:					
Approval Years:		As of Jan 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:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		221 L			
Waste Class Name:		Light fuels			

Unplottable Summary

Total: **18** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Regional Municipality of Niagara	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6S4
CA	The Regional Municipality of Niagara	Stanley Avenue	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6S4
CA	The Regional Municipality of Niagara	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6S4
CA	The Corporation of the City of Niagara Falls	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6S4
CA	The Corporation of the City of Niagara Falls	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6S4
CA	REDLAND QUARRIES INC.	STANLEY AVE., RR #2, QUEENSTON	NIAGARA FALLS CITY ON	
CA	1578891 Ontario Ltd.	Stanley Ave	Niagara Falls ON	
CA	R.M. OF NIAGARA	STANLEY AVE.	NIAGARA FALLS CITY ON	
ECA	The Regional Municipality of Niagara	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2V 4T7
ECA	The Regional Municipality of Niagara	Stanley Avenue	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Regional Road 102 (Stanley Avenue)	Niagara Falls ON	L2E 6X5
EHS		Stanley Ave	Niagara Falls ON	
GEN	CANADIAN NATIONAL RAILWAY 08-164		NIAGARA FALLS ON	L2E 6X5
GEN	CANADIAN NATIONAL RAILWAY		NIAGARA FALLS ON	L2E 6X5
GEN	CANADIAN NATIONAL RAILWAY	VARIOUS SITES WITHIN THE MOE WEST-CENTRAL REGION	(SEE SCHEDULE "B") ON	
SCT	REDLAND QUARRIES INC.	STANLEY AVE	NIAGARA FALLS ON	L2E

Unplottable Report

Site: *The Regional Municipality of Niagara
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6S4*

Database:
[CA](#)

Certificate #: 6181-66SQYP
Application Year: 2004
Issue Date: 11/18/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Niagara
Stanley Avenue Niagara Falls ON*

Database:
[CA](#)

Certificate #: 2125-6EHRAN
Application Year: 2005
Issue Date: 8/5/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the City of Niagara Falls
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6S4*

Database:
[CA](#)

Certificate #: 1646-6MHLWK
Application Year: 2006
Issue Date: 3/3/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Niagara
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6S4*

Database:
[CA](#)

Certificate #: 3976-5JGSRQ
Application Year: 2003

Issue Date: 2/7/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the City of Niagara Falls
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6S4*

Database:
CA

Certificate #: 2419-5JBRMV
Application Year: 2003
Issue Date: 2/5/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the City of Niagara Falls
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6S4*

Database:
CA

Certificate #: 8626-68BJ3N
Application Year: 2005
Issue Date: 1/5/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *REDLAND QUARRIES INC.
STANLEY AVE., RR #2, QUEENSTON NIAGARA FALLS CITY ON*

Database:
CA

Certificate #: 8-2013-97-
Application Year: 97
Issue Date: 4/4/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: PORTABLE SEC. CRUSHING/SCREENING PLANT
Contaminants: Propylene Oxide
Emission Control:

Site: 1578891 Ontario Ltd.
Stanley Ave Niagara Falls ON

Database:
CA

Certificate #: 5334-77EN9B
Application Year: 2007
Issue Date: 10/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF NIAGARA
STANLEY AVE. NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 3-0156-86-
Application Year: 86
Issue Date: 2/28/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Regional Municipality of Niagara
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2V 4T7

Database:
ECA

Approval No: 6937-9NBKZ2
Approval Date: 2014-08-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: Regional Road 102 (Stanley Avenue)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9557-9N5RVZ-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: The Regional Municipality of Niagara
Stanley Avenue Niagara Falls ON

Database:
ECA

Approval No: 2125-6EHRAN
Approval Date: 2005-08-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Niagara
Address: Stanley Avenue
Full Address:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: The Corporation of the City of Niagara Falls
Regional Road 102 (Stanley Avenue) Niagara Falls ON L2E 6X5

Database:
ECA

Approval No: 1646-6MHLWK
Approval Date: 2006-03-03
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 Niagara Falls
Address: Regional Road 102 (Stanley Avenue)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8168-6MGFMFK-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Stanley Ave Niagara Falls ON

Database:
EHS

Order No: 20101108008
Status: C
Report Type: Custom Report
Report Date: 11/17/2010
Date Received: 11/8/2010 12:09:30 PM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: McLeod Road & Stanley Avenue
Municipality: RMON
Client Prov/State: ON
Search Radius (km): 0.25
X: -694444.444444
Y: 43.0741

Site: CANADIAN NATIONAL RAILWAY 08-164
NIAGARA FALLS ON L2E 6X5

Database:
GEN

Generator No: ON0013117
SIC Code: 4531
SIC Description: RAILWAY TRANS. IND.
Approval Years: 94,95
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: CANADIAN NATIONAL RAILWAY
NIAGARA FALLS ON L2E 6X5

Database:
GEN

Generator No: ON0013117
SIC Code: 0007
SIC Description: LETTER ACKNOWLEDG.
Approval Years: 86,87,88,89,90
PO Box No:
Country:
Status:
Co Admin:

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

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: CANADIAN NATIONAL RAILWAY
VARIOUS SITES WITHIN THE MOE WEST-CENTRAL REGION (SEE SCHEDULE "B") ON

Database:
GEN

Generator No: ONR000702
SIC Code: 482113
SIC Description: Mainline Freight Rail Transportation
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 268
Waste Class Name: AMINES

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

Waste Class: 222
Waste Class Name: HEAVY FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 232
Waste Class Name: POLYMERIC RESINS

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

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

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

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 243

Waste Class Name: PCBS
Waste Class: 113
Waste Class Name: ACID WASTE - OTHER METALS
Waste Class: 266
Waste Class Name: PHENOLIC WASTES
Waste Class: 231
Waste Class Name: LATEX WASTES
Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS
Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS
Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES
Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES
Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES
Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS
Waste Class: 270
Waste Class Name: OTHER SPECIFIED ORGANICS
Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Site: REDLAND QUARRIES INC.
 STANLEY AVE NIAGARA FALLS ON L2E

Database:
 SCT

Established: 0000
Plant Size (ft²): 10890000
Employment: 6

--Details--

Description: MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED
SIC/NAICS Code: 3295

Site: Lubrizol Canada Limited
 road from un-named bridge in Niagara Falls to Lubrizol Facility in Niagara Falls<UNOFFICIAL> Niagara Falls ON

Database:
 SPL

Ref No:	2885-75FUEQ	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Other Discharges	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	MOTOR OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Niagara Falls
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/25/2007	Site Map Datum:	

Dt Document Closed:	8/13/2007	SAC Action Class:
Incident Reason:	Damage By Moving Equipment - Containers damaged by moving	Source Type:
Site Name:	road from un-named bridge in Niagara Falls to Lubrizol	
Site County/District:		
Site Geo Ref Meth:		
Incident Summary:	Lubrizol - 100 L motor oil to road	
Contaminant Qty:	100 L	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Nov 2021

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 2020

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-Sep 2022

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

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

Government Publication Date: 1994 - Oct 31, 2022

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- Sep 30, 2022

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Oct 31, 2022

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011- Sep 30, 2022

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-Jul 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-Sep 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 2022

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, 2020

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-Aug 31, 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 - Oct 31, 2022**Canadian Pulp and Paper:**

Private

PAP

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

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

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011- Sep 30, 2022

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 - Oct 31, 2022

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2022

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-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 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 - Dec 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: 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- Sep 30, 2022

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 D

AERIAL PHOTOGRAPHS

AERIAL PHOTOGRAPHS



Photograph No. 1 – 1934

Photo source: Niagara Navigator Historical Air Photo ©2023 Brock University

AERIAL PHOTOGRAPHS



Photograph No. 2 – 1954/55

Photo source: Niagara Navigator Historical Air Photo ©2023 Brock University

AERIAL PHOTOGRAPHS



Photograph No. 4 - 1972

Photo Source: Niagara Air Photo Index ©2023 Brock University

AERIAL PHOTOGRAPHS



Photograph No. 5 – 1995

Photo Source: Niagara Air Photo Index ©2023 Brock University

AERIAL PHOTOGRAPHS



Photograph No. 6 - 2002

Photo source: Niagara Navigator Historical Air Photo ©2023 Brock University

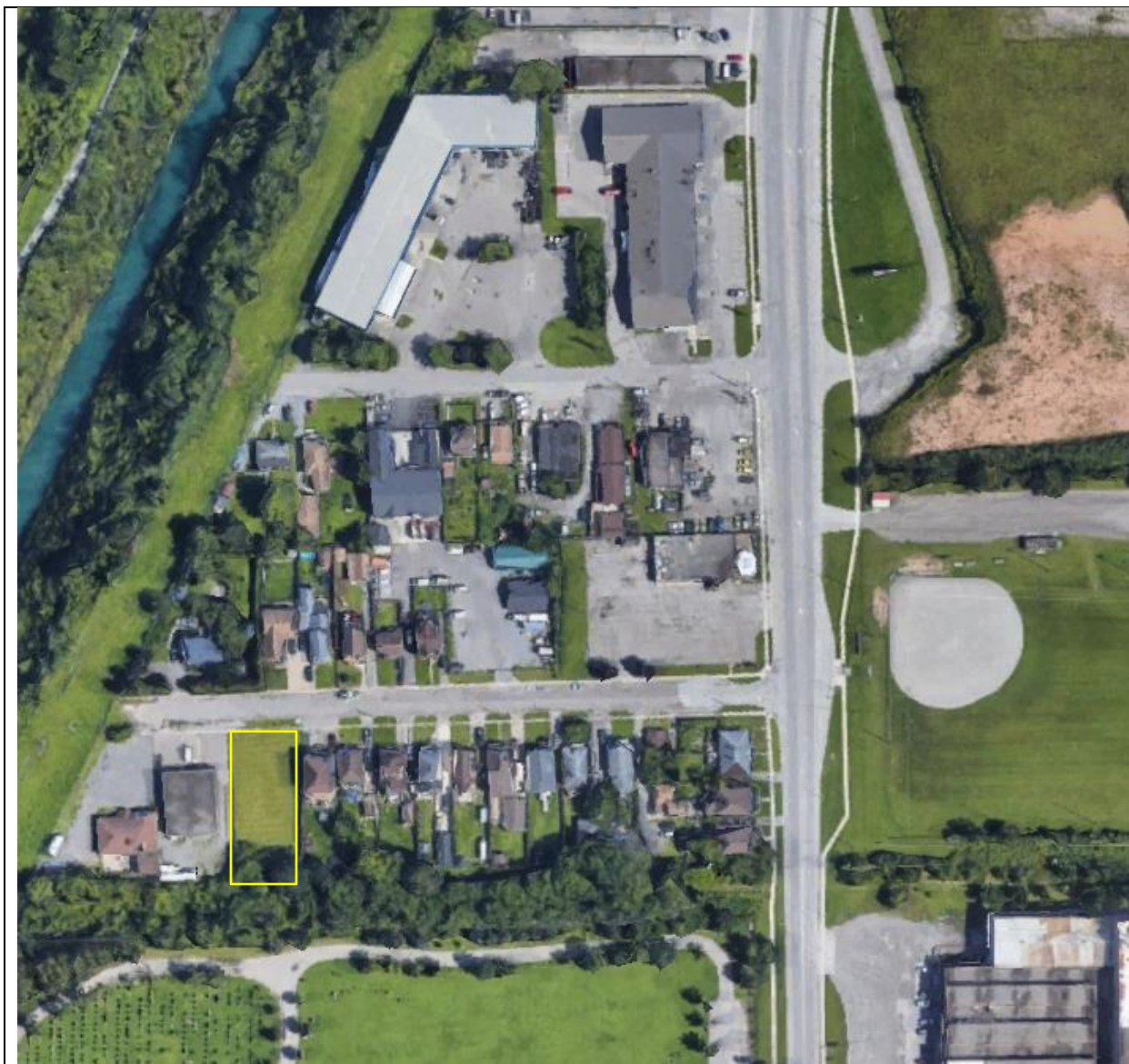
AERIAL PHOTOGRAPHS



Photograph No. 7 – 2010

Photo source: Niagara Navigator Historical Air Photo ©2023 Brock University

AERIAL PHOTOGRAPHS



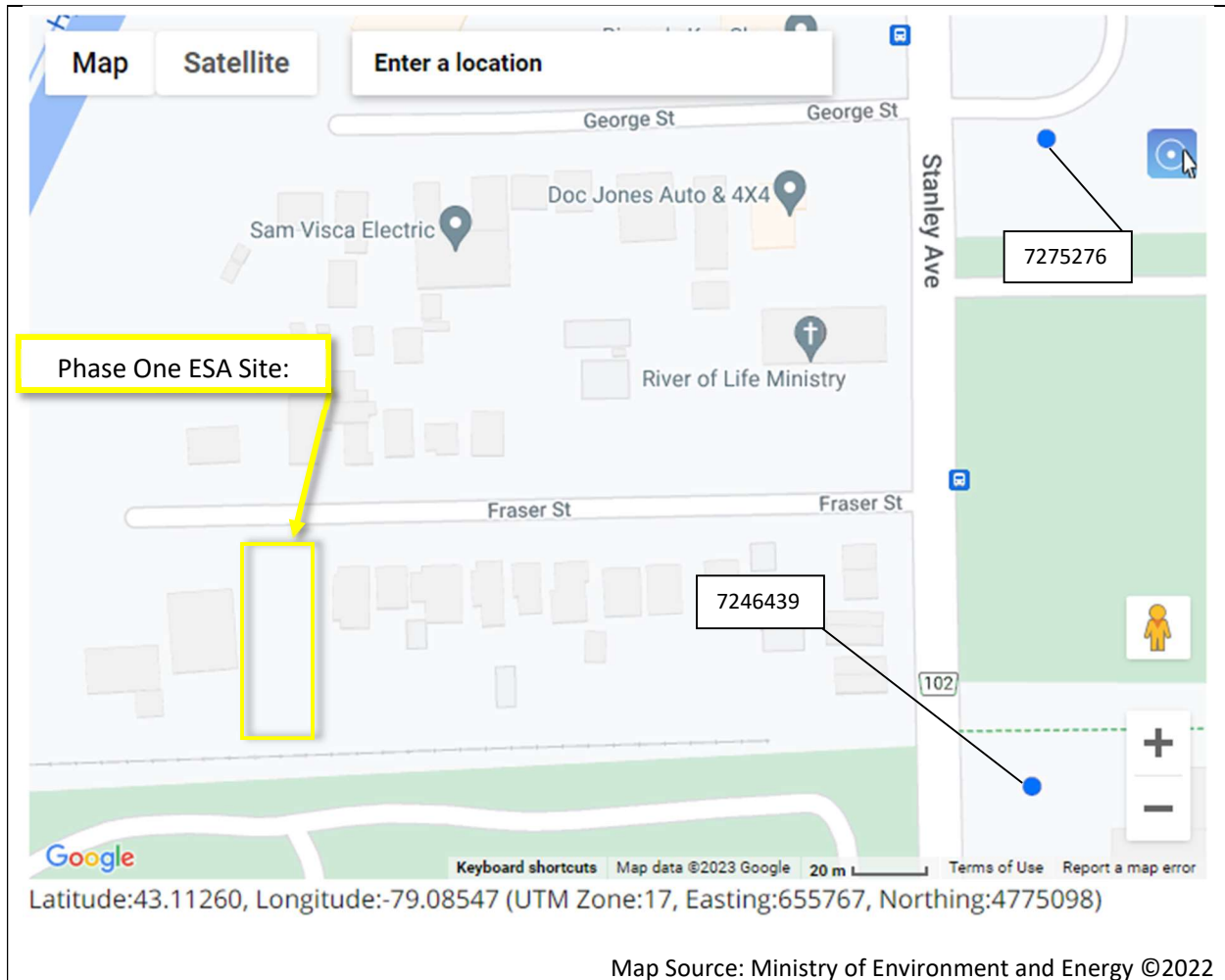
Photograph No. 6 – 2022

Photo Source: Google Earth ©2023 CNES/Airbus / Maxar Technologies

APPENDIX E

WELL RECORDS

WATER WELL RECORDS



Well ID	Well Depth (m)	Date of Completion (MM/DD/YYYY)
7275276	9.1	10/25/2016
7246439	6.1	07/24/2015

Well ID

Well ID Number: 7246439

Well Audit Number: Z210889

Well Tag Number: A189020

Address of Well Location 4300 STANLEY AVENUE

Township NIAGARA FALLS CITY

County/District/Municipality NIAGARA (WELLAND)

City/Town/Village Niagara Falls

Province ON

WATER WELL RECORDS

UTM Coordinates NAD83 — Zone 17
Easting: 655747.00
Northing: 4774998.00

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	GRVL	FILL	0 ft	5 ft
BRWN	SILT			5 ft	15 ft
RED	SILT			15 ft	20 ft

Annular Space/Abandonment Sealing Record

Depth Depth Type of Sealant Used Volume

From To (Material and Type) Placed

0 ft 8 ft BENTONITE CHIPS

Method of Construction & Well Use

Method of Construction Well Use

Boring

Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
--------------------	-----------------------	---------------	-------------

2 inch	PLASTIC	0 ft	10 ft
--------	---------	------	-------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
---------------------	----------	---------------	-------------

2.3 inch	PLASTIC	10 ft	20 ft
----------	---------	-------	-------

Well Contractor's Licence Number: 7282

Depth From	Depth To	Diameter
---------------	-------------	----------

0 ft	20 ft	8 inch
------	-------	--------

Audit Number: Z210889

Date Well Completed: July 24, 2015

Date Well Record Received by MOE: August 12, 2015



Well Tag No **Tag#** *(For Print Below)*
A215513

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information

First Name	Last Name / Organization 1939522 Ontario limited	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) 393 Rymal Road West, suite 405		Municipality Hamilton	Province ON
		Postal Code L9B1N2	Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name) 516 corner Thorold Rd & Stanley Avenue		Township	Lot	Concession
County/District/Municipality		City/Town/Village Niagara Falls	Province Ontario	Postal Code
UTM Coordinates	Zone	Easting	Northings	Municipal Plan and Sublot Number
NAD	83	176557474	775174	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)
Brown	Topsoil		Fill	0' 2'
Brown	Sand	Silt		2' 15'
Brown	Silt			15' 30'

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)	
30' 19'	Sand		
19' 05'	Bentonite		
0.5' 0'	Flushment		

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input checked="" type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify _____	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify _____
<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging	<input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Monitoring

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
2.00"	PVC	0.125"	20' 0'	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
2.25"	PVC	10	30' 20'	

Water Details		Hole Diameter	
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	30' 0'	6"
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		

Well Contractor and Well Technician Information			
Business Name of Well Contractor Strata Soil Sampling		Well Contractor's Licence No. 72411	
Business Address (Street Number/Name) 165 Shields Court		Municipality Markham	
Province ON	Postal Code L3R1B2	Business E-mail Address	
Bus. Telephone No. (inc. area code) (905) 940-7919		Name of Well Technician (Last Name, First Name) Vanderbeek, Andrew	
Well Technician's Licence No. 3614		Signature of Technician and/or Contractor Andrew Vanderbeek	
		Date Submitted 2016 11 18	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
	4		4	
Duration of pumping _____ hrs + _____ min	5		5	
Final water level end of pumping (m/ft)	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
	30		30	
Recommended pump rate (l/min / GPM)	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location	
Please provide a map below following instructions on the back.	
See Map	
(A)	
Comments:	
Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 2016 10 25
Date Work Completed 2016 10 25	Ministry Use Only Audit No. 2245508 NOV 22 2016 Received



Map data ©2016 Goog

APPENDIX F

INTERVIEW

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Project Information			
Site Address	5584 Fraser Street	NSSL Project No.	NS22122-01
		Date	Dec. 19/22
Client Information			
Interviewee Name	Sam Visca		
Position	Spouse	Years Familiar with the Site	
		12 Yrs.	
Current owner(s) of the site, time period	Unknown	NA	
	Rita Visca		
Historic Information			
Previous owner(s) of the site, time period	Unknown	NA	
	Tony Merante		
Current tenant(s) of the site, time period	Unknown	NA	
	Sam Visca Electric		
Previous tenant(s) of the site, time period	Unknown	NA	
Was the property ever used as a dry cleaner, garage, gasoline or liquid dispensing facility, or other industrial use?	Yes	No	Unknown
	If yes, please elaborate		
Have any reports and/or studies (environmental or other) been completed on the property? If yes, are they available for review?	Yes	No	Unknown
	Geotechnical		

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Site Information					
What type of potable water supply is available at the Site?	Municipal ✓	Private			None
		Cistern	Drilled Well	Other	
What type of wastewater (sewage) system is available at the Site?	Municipal ✓	Private			None
		Septic Bed	Other		
Are there any electrical transformers located at the Site?	Yes	(No)			Unknown
Has there ever been any fires at the Site? If yes, please provide details.	Yes	No			Unknown
Has any soil (fill, gravel, topsoil, etc.) been brought to and deposited on the Site for construction, grading or backfill purposes or for the creation of berms?	No				
Are there any existing monitoring wells on the Site?	Yes	(No)			Unknown
Building Information					
Are there existing or former buildings at the Site? If yes, please provide details.	Yes	(No)			Unknown
Have any additions been constructed on the existing building(s)?	Yes	(No)			Unknown
What are the current heating systems associated with the building(s)?	None				
What were the former heating systems (fuel oil, wood, coal, electric etc.)?	? Unknown				
Are there any sumps in the building(s)?	Yes	(No)			Unknown
Are there any areas of water damage in the building(s)? If yes, where?	Yes	(No)			Unknown

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

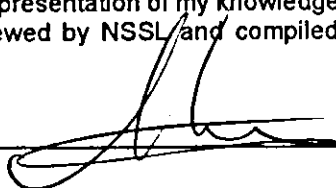
Building Information cont'd			
Is there evidence of mould growth? If so, where?	Yes	<u>No</u>	Unknown
Are there any concerns related to indoor air quality in the building(s)?	Yes	<u>No</u>	Unknown
Is there any asbestos, lead, Urea Foam Formaldehyde Insulation (UFFI) or PCB containing materials in the building(s)? If so, where and what type of building material.	Yes	<u>No</u>	Unknown
Have any of these materials been previously removed from the building(s)?	Yes	No	<u>Unknown</u>
Site Operations			
Are there any site plans or drawings, available for review, showing areas of production, manufacturing, chemical or waste storage in the building(s) or Site?	Yes	<u>No</u>	Unknown
Fuel Storage & Handling, Liquid & Solids Wastes, Chemicals & Spills			
Are there any above ground or underground storage tanks (AST/UST) on Site? If yes, where?	Yes	<u>No</u>	Unknown
Were any AST/USTs historically removed from the Site?	Yes	<u>No</u>	Unknown
Are there any current or former fuel pumps or fuelling systems on Site?	Yes	<u>No</u>	Unknown
Are there any waste oils generated and/or stored on Site?	Yes	<u>No</u>	Unknown
Are there any oil-water separators and/or floor drains on Site?	Yes	<u>No</u>	Unknown
Is there any hydraulic lift equipment ie. inground hoists or elevators?	Yes	<u>No</u>	Unknown
Are any chemicals or solvents stored or used on Site?	Yes	<u>No</u>	Unknown
Are Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) for the chemicals available for review?	Yes	<u>No</u>	Unknown

ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

Environmental Compliance		
Is there any known or suspected soil and/or groundwater contamination at the Site? If yes, please explain.	Yes	<input checked="" type="radio"/> No
Are you aware of any site-specific permits, waste generation numbers, Environmental Compliance Approvals or Certificates of Approval associated with the Site? If yes, please list.	Yes	<input checked="" type="radio"/> No
Are there any records of spills or records of discharge of contaminants associated with the Site?	Yes	<input checked="" type="radio"/> No
Adjacent Site Information		
Are you aware of any current or historic environmental concerns associated with an adjacent property? If yes, please explain.	Yes	<input checked="" type="radio"/> No
Additional Information		
Is there another person we should contact for additional information pertaining to the Site?	No	
Do you have any additional comments?	No	

The above information is a true representation of my knowledge of the Site and operations. I understand that this information will be reviewed by NSSL and compiled in the Environmental Site Assessment report.

Signature of Interviewee: _____



APPENDIX G

SITE RECONNAISSANCE & PHOTOGRAPHIC LOG


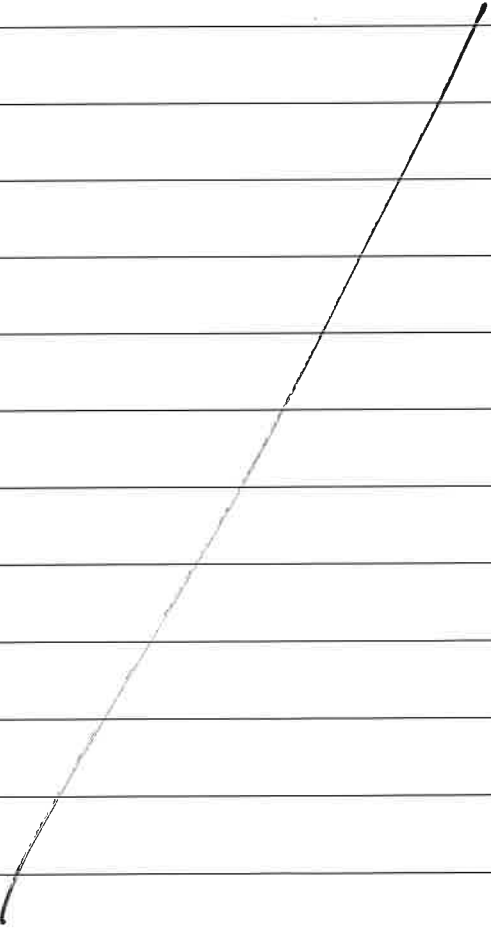
ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Project Information			
Site Address	5584 Fraser Street, Niagara Falls, ON	NSSL Project No.	NS22122-01
		Date	12/16/22
Client Information			
Site Meet	N/A		
Position	N/A		
Surrounding Land Use Features			
North	Residential / commercial use		
South	Old train tracks in deep swale / berm Cemetery to south of tracks - same elevation as site.		
East	Residential		
West	Commercial		
Study Site Features			
Potable Water Source	Study area is serviced by municipal water & waste water - no wells observed.		
Wastewater Source			
Groundwater Monitoring Wells	Detritus at south/rear of site in wall of ravine		
Fill Material	created berm/ravine at lower level at south property line @ railroad tracks.		
Surface Water Runoff (swales, catch basins)			
Watercourses, ditches, standing water	Not observed		
Electrical Transformers on site? Company name, transformer #	Hydro poles / wires across north		
Ground Cover	Very lumpy, under grass / small ditches / hills. manicured grass		
Other	- Various debris in states of burned / decomposing at rear of site and eastern property.		

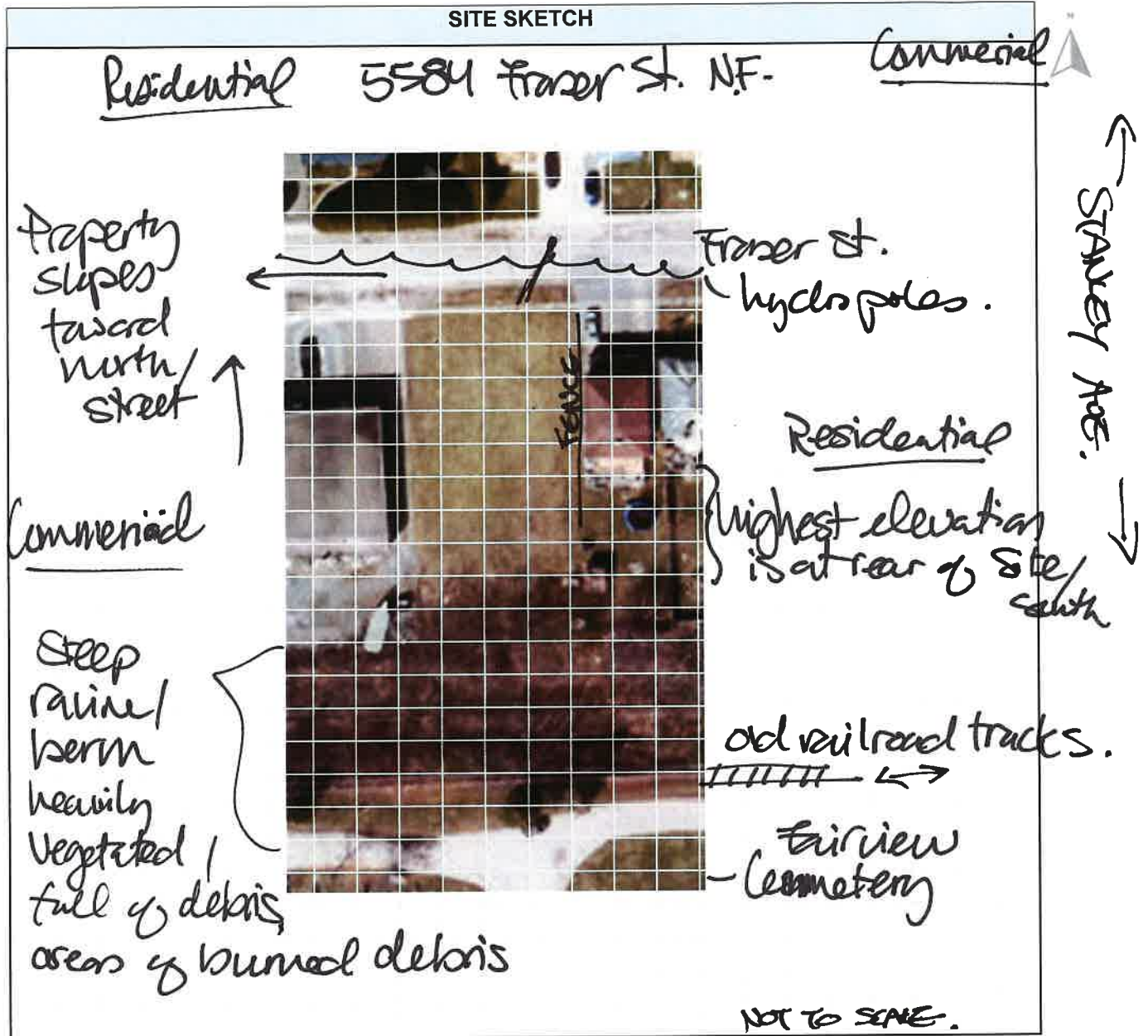
ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Exterior Building Observations		
Exterior wall material	/	
Roofing material		
Foundation type		
Number of storeys		
Number of exits/entrances	not applicable.	
Basement (full/partial/none)	- pedestrian / foot traffic from north & south	
Lighting		
Other		
Above Ground or Underground Storage Tanks		
Location of AST/UST	/	
Contents of AST/UST		
Material (fiberglass, steel)		
Year installed/removed		
Secondary containment?	not observed	
Fill frequency		
Visible Staining, stressed vegetation		
Associated Pumps/Lines		
Other	/	

ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE

Interior Building Observations	
Interior wall materials	
Floor materials	
Ceiling materials	
Lighting	
Oil water separators, floor drains, sumps	<p>Previous residential dwelling on Site however building footprint not observed.</p>
Hydraulic equipment (inground hoists/elevators)	
Pits and Lagoons	
Stained materials	
Chemicals or other generated and/or stored	
Heating System	
UFFI (urea formaldehyde foam insulation)	
PCB's	
Lead	
Asbestos Containing Materials (ACM)	
Mercury	
Water damage	
Mould	
Noise	
Indoor Air Quality	
Other	

ENVIRONMENTAL SITE ASSESSMENT SITE RECONNAISSANCE



File No. NS 22122-01 Location 5584 Fraser St. Niagara Falls. Date Dec 16/2022

Purpose Site visit Site Meet N/A

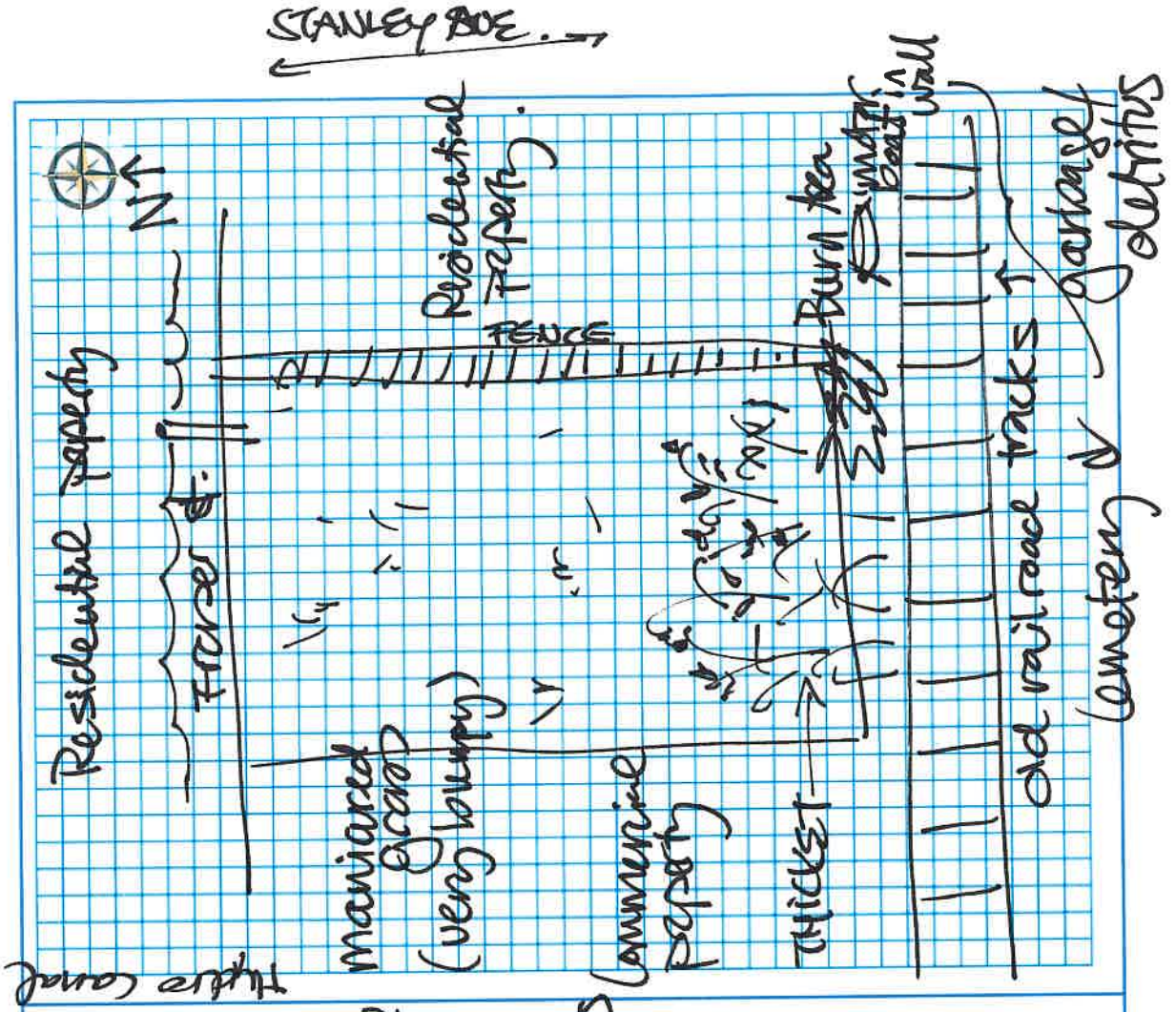
UTM E 655546 N 4775034

P.C. N. Burke Start 10:50 am End 12:00 pm

Temp 5 °C Conditions overcast

Arrive @ Site 10:50
 - photos of site taken / all directions
 Commercial buildings to west, then
 hydro canal (fenced off)
 Residential directly north - commercial
 to north east.
 Old / disused railway tracks at bottom of
 ravine at south of property. Garbage / debris
 throughout.
 Manicured grass very bumpy / uneven
 Burn area at rear of property (repeated
 boat-burned in wall of east property.
 Thicket at rear of property into ravine
 of sumac / successional vegetation.
 No wells, no utility hookups observed,
 hydro across north property boundary
 at Fraser St.

Finish 12:00 pm



PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 1 – View of the Phase One Property looking south. The subject Site is a vacant parcel of land situated between a residential property to the east and a commercial property to the west. Landcover is characterized as manicured grass with vegetation growth along the south property boundary. A steep berm, associated with a historic railway line, runs adjacent to the southern property boundary.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 2 – At the time of the Site reconnaissance the ground across the subject property was observed to be uneven. The east adjacent property is residential with a two-story home situated within the northern portion of the property, facing Fraser Street.



Photograph No. 3 – Looking southwest at the adjacent commercial property. Fraser Street is a dead-end municipal road with access available from Stanley Avenue. The Queenston-Chippawa Hydro Corridor is located beyond the fence at the dead end of Fraser Street.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 4 – View of Fraser Street looking east towards Stanley Avenue. The study area consists of a mix of residential dwellings, commercial and industrial properties. The properties adjacent to the Phase One Property are all serviced by municipal utilities.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 5 – The southern part of the study Site has successional vegetation growth that extends southwards towards the berm. Various items and detritus were noted in amongst the vegetation at the time of the Site visit. The west adjacent commercial property can be seen on the right-hand side of the photograph.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 6 – Looking east along the southern property boundary. Areas of burned materials and detritus were noted on the subject Site and adjacent properties, including a partially buried motorboat.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 7 – The historical tracks of the NS & T Electric Railway can be seen at the bottom of the berm. Further south of the former rail line is Fairview Cemetery. NSSL noted that the rail line is at a lower elevation than the subject property and cemetery. It is plausible that soil material originating from the excavation of the railway may have been placed on the adjacent properties that run parallel to the tracks. This would account for the noted discrepancy in elevation.

PHOTOGRAPHIC LOG

Phase One Property



Photograph No. 8 – View from the center of the Phase One Property looking northwards to the residential properties on the north side of Fraser Street. The highest point of elevation on the subject property was documented as the southern portion of the Site with the remainder of the property having a gentle downgradient slope towards the north and west.

APPENDIX H

POTENTIALLY CONTAMINATING ACTIVITIES

POTENTIALLY CONTAMINATING ACTIVITIES

#	Activity	#	Activity
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	31.	Ink Manufacturing, Processing and Bulk Storage
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	32.	Iron and Steel Manufacturing and Processing
3.	Airstrips and Hangars Operation	33.	Metal Treatment, Coating, Plating and Finishing
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	34.	Metal Fabrication
5.	Asphalt and Bitumen Manufacturing	35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage
6.	Battery Manufacturing, Recycling and Bulk Storage	36.	Oil Production
7.	Boat Manufacturing	37.	Operation of Dry Cleaning Equipment (where chemicals are used)
8.	Chemical Manufacturing, Processing and Bulk Storage	38.	Ordnance Use
9.	Coal Gasification	39.	Paints Manufacturing, Processing and Bulk Storage
10.	Commercial Autobody Shops	40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
11.	Commercial Trucking and Container Terminals	41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
12.	Concrete, Cement and Lime Manufacturing	42.	Pharmaceutical Manufacturing and Processing
13.	Cosmetics Manufacturing, Processing and Bulk Storage	43.	Plastics (including Fibreglass) Manufacturing and Processing
14.	Crude Oil Refining, Processing and Bulk Storage	44.	Port Activities, including Operation and Maintenance of Wharves and Docks
15.	Discharge of Brine related to oil and gas production	45.	Pulp, Paper and Paperboard Manufacturing and Processing
16.	Drum and Barrel and Tank Reconditioning and Recycling	46.	Rail Yards, Tracks and Spurs
17.	Dye Manufacturing, Processing and Bulk Storage	47.	Rubber Manufacturing and Processing
18.	Electricity Generation, Transformation and Power Stations	48.	Salt Manufacturing, Processing and Bulk Storage
19.	Electronic and Computer Equipment Manufacturing	49.	Salvage Yard, including automobile wrecking
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	50.	Soap and Detergent Manufacturing, Processing and Bulk Storage
21.	Explosives and Firing Range	51.	Solvent Manufacturing, Processing and Bulk Storage
22.	Fertilizer Manufacturing, Processing and Bulk Storage	52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
23.	Fire Retardant Manufacturing, Processing and Bulk Storage	53.	Tannery
24.	Fire Training	54.	Textile Manufacturing and Processing
25.	Flocculants Manufacturing, Processing and Bulk Storage	55.	Transformer Manufacturing, Processing and Use
26.	Foam and Expanded Foam Manufacturing and Processing	56.	Treatment of Sewage equal to or greater than 10,000 litres per day
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	57.	Vehicles and Associated Parts Manufacturing
28.	Gasoline and Associated Products Storage in Fixed Tanks	58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
29.	Glass Manufacturing	59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products
30.	Importation of Fill Material of Unknown Quality		

Table 2, Schedule D, Ontario Regulation (O.Reg.) 153/04 (as amended)

APPENDIX I

PHASE ONE CSM

PHASE ONE CONCEPTUAL SITE MODEL

A Phase One Conceptual Site Model (CSM) was prepared in accordance with Schedule D, Part V of O. Reg. 153/04 (as amended). The Phase One Conceptual Site Model is detailed below and should be read along with Figures 1-4.

The Phase One CSM addresses the vacant property located on the south side of Fraser Street situated between Stanley Avenue and the Queenston-Chippawa Hydro Canal in Niagara Falls, Ontario, herein referred to as the “Phase One Property” or the “Site”. Refer to Figure 1 for the Site Location Map.

Site Description

The size of the Phase One Site is approximately 0.11 hectares with the rectangular shaped parcel of land situated south of Fraser Street and 155 m west of Stanley Avenue. The subject property is located between industrial properties to the west and residential properties adjacent to the north and east. The property boundary to the south is characterized by a deep vegetated swale/created berm, with historical records identifying the swale/berm location as the NS & T historical electric railway corridor that was in use from 1899 to the early 1950's. Adjacent to the south of railway track is the Fairview Cemetery. Historical documents show the Phase One Property with a dwelling or structure built or documented on Site from 1934 to approximately 2000. Currently the subject property remains a vacant parcel of land covered with manicured grass. The south portion of the property has successional vegetation growth that extends into the adjacent swale that contains remnant train tracks. The Phase One property has a raised central elevation that slopes downwards towards Fraser Street to the north and a steeper decline to the created railway swale/berm at the south. The Site layout is illustrated on Figure 2.

Water Bodies & Areas of Natural Significance

The Niagara Peninsula Conservation Authority [NPCA] watershed map shows the Phase One study area is part of the Chippawa Power Canal sub-watershed [34,904,898.96 m²] within the Lake Ontario watershed. The entirety of the Phase One Study area is located within a quality groundwater protection zone for highly vulnerable aquifers. NSSL did not identify any provincially significant wetlands, natural heritage features, or Areas of Natural Significance on-site or within the Study Area.

The Site is not considered a sensitive Site based on the definition of O. Reg. 153/04. “41. [1] This section applies in relation to a property if,

[a]The property is,

- (i) Within an area of natural significance,
- (ii) Includes or is adjacent to an area of natural significance or part of such an area, or
- (iii) Includes land that is within 30 meters of an area of natural significance or part of such an area.”

The open soil and landscaped grass surface cover of the Phase One Site indicates that water runoff would most likely consist of limited infiltration with overland flow to the north towards Fraser Street and then to the west towards the hydro canal, about 95 m to the west. Overall groundwater flow direction is inferred as northeast towards the Sir Adam Beck Hydro Generation Station and the Niagara River.

Regional and Site Specific Geologic and Hydrogeological Information

A review of the “Quaternary Geology of Niagara-Welland” Geological Series, Map 2496, shows the Phase One subject area is located within the Late Wisconsinian formation, consisting of Glaciolacustrine nearshore and deltaic sand and silt. The Paleozoic Geology of Southern Ontario, Ontario Division of Mines, Map 2254, reveals that the study area is situated on the Lockport-Amabel Formation consisting of dolomite. Groundwater was reported to be approximately 18–22 metres below ground surface based on a review of local well records. The study area contains the Queenston-Chippawa Hydro Canal, constructed between 1917-1925, for the purpose of transporting water from upstream Niagara River to the Sir Adam Beck Power Generating Station. The 10.2 km long Niagara Tunnel Project was bored between 2006-2013 approximately 140 m below the study area to allow for further diversion of water to the power generation station downstream.

Drinking-Water Wells

A records review of Ontario Well Records shows that there are zero [0] drinking water wells or records for drinking water wells within 250 m of the study Site. The records for environmental monitoring wells installed within the study area have also been included in the Phase One ESA report as records can contain descriptive information pertaining to an area’s hydrogeological and geological characteristics. The water well records are provided in Appendix E.

Roads Within the Phase One Study Area

Refer to Figure 3 for the names of the roads within the Phase One Study Area.

Uses of Properties Adjacent to the Site

The properties adjacent to the north and east of the subject property are residential parcels of land. A commercial property is adjacent to the west while an historical electrical train corridor is situated adjacent to the south property boundary. The properties within the study area are a mixture of residential dwellings, commercial properties and a cemetery. All adjacent properties are highlighted in Figure 3.

Underground Utilities

The study area and Phase One Property are serviced by municipal utilities. The status and location of potentially buried utilities are unknown. No potable domestic or drinking water supply wells are located on the subject property. No other potable water sources were observed on the Phase One Property during the Site inspection.

Potentially Contaminating Activities

Based on information obtained and reviewed during this Phase One ESA Update, twenty-one [21] Potentially Contaminating Activities were found within the Study Area that resulted in two [2] Areas of Potential Environmental Concern [APECs] to the soil on the Phase One property. A copy of the list of PCAs prescribed in O. Reg. 153/04 is provided in Appendix H.

On-Site

PCA-1/APEC-1: #30. Importation of Fill Material of Unknown Quality. The landcover of the subject property is uneven and has been graded to allow overland run off to flow to hydraulically downgradient areas on the west and north sides of the Site. In addition, the railroad adjacent to the southern property boundary reveals that soil material has been altered most likely attributed to the original railway construction. Fill material is known to have historically comprised the construction of railway beds with granular fill aggregate utilized to underly rail tracks as ballast. Historical documentation confirms a structure or residence occupying the Phase One Property from at least 1934 to 2000. The demolition and potential infilling of the building footprint is undocumented and as such, the composition of materials on the Phase One Property is unknown. A geotechnical investigation in the summer of 2022 found that fill material was present in borehole samples to an approximate depth ranging from 1.5 to 2.0 m across the Site.

Off-Site

PCA-2/APEC-2: #46, Rail Yard, Tracks and Spurs. A review of historical topographical maps of the Niagara Falls area reveals a documented historic set of train tracks running along the southern property boundary of the Phase One Site. The NS & T Electric Railway was constructed in 1899, crossing west to east carrying passengers entering and exiting the Niagara Falls area. The rail line was utilized to the early 1950's when portions were removed. The Site visit confirmed that rail tracks and supporting ballast material remains at the bottom of the constructed berm adjacent to the southern property line. A railway, tracks and spurs represent an off-site PCA that results in an on-site APEC to the Phase One's soil.

- ***PCA-3: #41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage.***
- ***PCA-4: #58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.***
- ***PCA-5: #28. Gasoline and Associated Products Storage in Fixed Tanks [5523 Fraser Street – Sam Visca Electric].***
- ***PCA-6: #22. Fertilizer Manufacturing, Processing and Bulk Storage [4300 Stanley – Premier Ferti Tech].***
- ***PCA-7: #10. Commercial Autobody Shop [5552 George Street – High Tech Auto Repair].***
- ***PCA-8: #28. Gasoline and Associated Products Storage in Fixed Tanks [4169 Stanley Avenue – Premium Pre-Owned Autos].***
- ***PCA-9: #52. Storage, maintenance, fuelling and repair of equipment, vehicles and material used to maintain transportation systems [4169 Stanley Avenue Doc Jones Auto 4x4].***

- ***PCA-10: #39. Paints Manufacturing, Processing and Bulk Storage. [5559 George Street – Niagara Battery and Tire Ltd.].***
- ***PCA-11: #10. Commercial Autobody Shop [5559 George Street – Niagara Battery and Tire Ltd.].***
- ***PCA-12: #10. Commercial Autobody Shop [4129 Stanley Avenue- Mister Transmission].***
- ***PCA-13: #39. Paints Manufacturing, Processing and Bulk Storage [4129 Stanley Avenue – Mister Transmission].***
- ***PCAs 14 through 21 [5800 Thorold Stone Road -Lubrizol Canada Ltd.].***
 - ***PCA-14: #1. Acid and Alkali Manufacturing, Processing and Bulk Storage.***
 - ***PCA-15: #8. Chemical Manufacturing, Processing and Bulk Storage.***
 - ***PCA-16: #11. Commercial Trucking and Container Terminals.***
 - ***PCA-17: #28. Gasoline and Associated Products Storage in Fixed Tanks.***
 - ***PCA-18: #39. Paints Manufacturing, Processing and Bulk Storage.***
 - ***PCA-19: #41 Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage***
 - ***PCA-20: #46. Rail Yards, Tracks and Spurs.***
 - ***PCA-21: #51. Solvent Manufacturing, Processing and Bulk Storage.***