



Phase One Environmental Site Assessment

Grand Niagara Secondary Plan

Niagara Falls, Ontario

Prepared For: Grand Niagara Co-Owners



December 2015

14-15039-001-E01

**Phase One Environmental Site Assessment
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Niagara Falls, Ontario**

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**WSP Canada Inc. | MMM Group Limited
December 2015
14-15039-001-E01**

EXECUTIVE SUMMARY

MMM Group Limited (MMM), a wholly owned subsidiary of WSP Global Inc. (WSP), was retained by Grand Niagara Co-Owners (Grand Niagara) to conduct a Phase One Environmental Site Assessment (ESA) for the lands located within the urban boundary currently occupied by the Grand Niagara Golf Club in Niagara Falls, Ontario (the “Phase One Property”). It is our understanding that Grand Niagara plans to redevelop the Phase One Property into a residential subdivision. As the proposed redevelopment plan does not include a more stringent land use, filing of a Record of Site Condition (RSC) is not mandatory. This Phase One ESA was conducted in accordance with Ontario Regulation (O. Reg.) 153/04 to support a Secondary Plan for the Phase One Property.

The primary objective of the Phase One ESA was to assess the Phase One Property and the surrounding lands in whole or in part within a 250 m radius (i.e., Phase One Study Area) for potentially contaminating activities (PCAs) to identify areas of potential environmental concern (APECs) at the Phase One Property. Possible environmental concerns were identified through a site reconnaissance, interviews, and a records review consisting of a review of aerial photographs, a city directories search, and an Ecolog Environmental Risk Information Services (ERIS) database search.

Through an evaluation of the information gathered from the records review, interviews, and the site reconnaissance, MMM has identified four APECs with the potential to impact soil and/or groundwater conditions at the Phase One Property. APECs 1 and 2 are attributed to on-site PCAs while APECs 3 and 4 are attributed to off-site PCAs. The APECs are summarized as follows:

- ◆ APEC-1 (Sand traps within the golf course): Based on the site reconnaissance and the interviews, sand of unknown origin and quality was reportedly imported for the sand traps within the golf course. The sand traps are collectively referred to as APEC-1 for the purpose of this report. The MOECC considers the importation of sand to be a PCA which would require chemical testing of a representative number of the sand traps to demonstrate that the sand is not impacted.
- ◆ APEC-2 (Golf Club Maintenance Area): The following current on-site operations have the potential to impact the soil and groundwater at the Phase One Property:
 - ◆ Based on the site reconnaissance, one 2,200 litre diesel above ground storage tank (AST), one 2,200 litre gasoline AST and one 1,360 litre waste oil AST were observed outside of the smaller barn in the maintenance area of the Phase One Property;
 - ◆ Based on the site reconnaissance and the interviews, general repair and maintenance of golf course equipment (i.e., tractors, lawn mowers, etc.) is undertaken at the Phase One Property. Three drums (approx. 200 L each) of used motor oil were observed inside the smaller barn in the maintenance area of the Phase One Property; and
 - ◆ Based on the site reconnaissance, bulk storage of pesticides and fertilizers along with a mixing station with a 1,000 L (approx.) tank was observed in the larger barn in the maintenance area of the Phase One Property.
- ◆ APEC-3 (Adjacent to the railway corridor): Based on a review of aerial photographs and the site reconnaissance, an active railway divides the central-east and central west portions of the Phase One Property.
- ◆ APEC-4 (Northeast portion of the Phase One Property): Based on a review of City Directories and aerial photographs, Ford Motor Company of Canada and ES Fox Limited (a

steel fabrication company) have operated at 9127 Montrose Road, an adjoining property to the east of the Phase One Property. Four ASTs were observed on this adjoining property in aerial photographs. These former and current off-site operations have the potential to impact soil and groundwater at the Phase One Property.

A Phase Two ESA is recommended to investigate soil and groundwater quality at the identified APECs at the Phase One Property.

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1.0 INTRODUCTION

1.1 Background

MMM Group Limited (MMM), a wholly owned subsidiary of WSP Global Inc. (WSP), was retained by Grand Niagara Co-Owners (Grand Niagara) to conduct a Phase One Environmental Site Assessment (ESA) for the lands within the urban boundary currently occupied by the Grand Niagara Golf Club in Niagara Falls, Ontario (the “Phase One Property”). The site location is shown in Figure 1.

It is our understanding that Grand Niagara plans to redevelop the Phase One Property into a residential subdivision. As the proposed redevelopment plan does not include a more stringent land use, the filing of a Record of Site Condition (RSC) under Ontario Regulation (O. Reg.) 153/04 is not mandatory. This Phase One ESA was conducted in accordance with O. Reg. 153/04 to support a Secondary Plan for the Phase One Property.

1.2 Phase One Property Information

The Phase One Property is comprised of the lands currently occupied by the Grand Niagara Golf Club and located north of Biggar Road, east of Montrose Road and the Queen Elizabeth Way, in the City of Niagara Falls. For the purposes of this report, the lands have been classified into three portions, as follows:

- ◆ The north portion is bordered by Welland River to the north and west and Grassy Brook Road to the south. This portion encompasses sections of the golf course as well as a two-storey building, the clubhouse and a one-storey building occupied by the restaurant associated with the golf club. The clubhouse and the restaurant share the municipal address of 8547 Grassy Brook Road;
- ◆ The central-east portion is located south of the north portion and extends to Montrose Road to the east and the Biggar Road to the south. This portion also encompasses sections of the golf course; and
- ◆ The central-west portion is also located south of the north portion and encompasses the remaining sections of the golf course, two residential houses and associated barns with the municipal addresses of 8218 and 8228 Grassy Brook Road, a storage shelter for golf carts as well as a maintenance area which includes a two-storey farmhouse and two barns with the municipal address of 9733 Crowland Avenue. The central-east and the central-west portions are separated by a railway corridor.

For the purpose of this Phase One ESA, the three portions of land are collectively referred to as the Phase One Property and are shown in Figure 2.

The Phase One Property encompasses an area of approximately 186 ha. The NAD 83, Zone 17 UTM coordinates for the centroid of the Phase One Property are 652119 E, 4766766 N. The Phase One Property is comprised of the following parcels with associated Property Identification Numbers (PINs) and legal descriptions:

- ◆ PIN: 642620058; Part of Lot 4 Concession Broken Font Crowland As In RO150942; Niagara Falls;
- ◆ PIN: 642620081; Part of Lot 5 Concession Broken Front Crowland Part 1, 59R7422; Niagara Falls.

- ◆ PIN: 642620086; Part of Lot 3 Concession Broken Front Crowland As In RO470830; Subject To AA68754 Niagara Falls;
- ◆ PIN: 642620087; Part of Lot 3 Concession Broken Front Crowland As In RO685378; Subject To AA68752 City of Niagara Falls;
- ◆ PIN: 642620091; Part of Lot 1 Concession Broken Front Crowland; Part of Lot 2 Concession Broken Front Crowland As In RO548979; Subject To AA83220 Niagara Falls;
- ◆ PIN: 642620094; Part of Lot 1 Concession Broken Front Crowland; Part of Lot 2 Concession Broken Front Crowland; As In RO406733; Subject To AA83220, AA83221, AA83365 Niagara Falls;
- ◆ PIN: 642620184; Part of Road Allowance Between Lots 2 & 3 Concession Broken Front Crowland Being Part 1 On 59R12158; Niagara Falls;
- ◆ PIN: 642620186; Part of Road Allowance Between Lots 2 & 3 Concession Broken Front Crowland Being Parts 1-5 On 59R12216; Subject To Interest In RO207268 If Any; Niagara Falls;
- ◆ PIN: 642620204; Part of Lots 2, 3 & 4 Broken Front Concession Crownland ; Part of Road Allowance Between Lots 2 & 3, Broken Front Concession Cronland Parts 1 & 2 59R12554; Niagara Falls;
- ◆ PIN: 642620205; Part of Lots 2, 3 & 4 Broken Front Concession Crownland; Part of Road Allowance Between Lots 2 & 3 Broken Front Concession Crowland (As Closed by Bylaw AA76417) Being Parts 1&2, 59R11568 Except Parts 1&2, 59R12554; Subject To Easement Over Part 2 59R11568 In Favour of Parts 1, 2, 3 & 4 59R9648 Except Parts 1 & 2 59R11568 As In LT211765; City of Niagara Falls;
- ◆ PIN: 642620206; Part of Lot 4 Broken Front Concession Crowland Parts 15 - 21 Including 59R12554 Subject To AA68047, RO648013 ; Niagara Falls;
- ◆ PIN: 642620207; Part of Lots 3 & 4 Broken Front Concession Crowland As In RO756807 Except Parts 15 - 21 Including 59R12554; Subject To AA68047; Niagara Falls;
- ◆ PIN: 642620208; Part of Lots 3 & 4 Broken Front Concession Crowland Parts 3, 4, 5 & 6 59R12554; Subject To AA68179, AA68755; Niagara Falls;
- ◆ PIN: 642620209; Part of Lots 3 & 4 Broken Front Concession Crowland Parts 7 - 14 Including 59R12554 ; Subject To CR18048, CR19077, AA68179, RO647432; and
- ◆ PIN: 642620210; Part of Lots 3 & 4 Broken Front Concession Crowland As In RO548979 (Firstly); Except Parts 3 - 14 Including 59R12554; Subject To CR 18048, CR19077, AA68179, AA68755; Niagara Falls.

Authorization to proceed with the work was granted by Mr. Frank Baldesarra, Managing Co-owner of Grand Niagara on October 28, 2015. Mr. Baldesarra can be contacted at fbaldesarra@randengineering.ca.

2.0 SCOPE OF INVESTIGATION

2.1 General Objectives

The Phase One ESA was conducted in accordance with the general and specific objectives outlined in O. Reg. 153/04. The general objectives of the Phase One ESA were:

- ◆ To develop a preliminary determination of the likelihood of contamination in soil or groundwater at the Phase One Property; and

- ◆ To determine the need for a Phase Two ESA and if necessary, provide the basis for conducting a Phase Two ESA or risk assessment.

The general objectives were met through the evaluation of the information gathered from a records review, interviews, and a site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described below.

2.2 Specific Tasks

2.2.1 Records Review

A records review was conducted to obtain and review records that relate to the Phase One Property and the surrounding lands in part or in whole within a 250 m radius (i.e., Phase One Study Area) for the purpose of identifying current and past property uses and activities that may have contributed to contamination of the soil and groundwater at the Phase One Property. The scope of work for the records review included the following tasks:

- ◆ Review of available historical environmental reports to identify current and past uses of the Phase One Property and land uses within the Phase One Study Area;
- ◆ Review of historical aerial photographs available from the National Air Photo Library (NAPL) and the Niagara Region Navigator website. The aerial photographs were used to assist in the determination of the first developed use for the Phase One Property, and to identify past uses and potentially contaminating activities (PCAs) at the Phase One Property and surrounding lands that may result in areas of potential environmental concern (APECs) at the Phase One Property;
- ◆ Review of topographic, geologic, and physiographic maps for the Phase One Property. These sources were reviewed to obtain information regarding the stratigraphy of the overburden and the depth and type of bedrock. This data was used to develop the Phase One Site Conceptual Model (CSM) and assess the fate and transport of possible contaminants in soil and groundwater;
- ◆ Review of available information from the Ontario Ministry of the Environment and Climate Change (MOECC) and other regulatory agencies (i.e., Technical Standards and Safety Authority or TSSA), through the Freedom of Information and Protection of Privacy Act. These sources can provide information regarding the presence of fuel storage tanks, approval, permits, Certificates of Approval, MOECC administrative orders (such as control orders, stop orders, remedial orders), and reports submitted to the MOECC;
- ◆ Review of database information from EcoLog Environmental Risk Information Services Ltd. (ERIS). The comprehensive databases provide information with respect to above and underground storage tanks (ASTs and USTs), waste disposal sites, polychlorinated biphenyl (PCB) storage information, water well inventories, convictions and spills, incidents recorded in the National Pollutant Release Inventory, the Inventory of Coal Gasification Plants, notices and instruments including RSCs, and landfill information; and
- ◆ Review of city directories through LGI Copy Services Canada, and fire insurance plans (FIPs) through ERIS to confirm the site development history. This information was used to assist in the determination of the first developed use and assess the first historical ownership/occupants at the Phase One Property, the historical presence of underground storage tanks, potential industrial activities and site development.

2.2.2 Interviews

To assist in the identification of PCAs that may have led to APECs at the Phase One Property, Mr. Frank Baldesarra, Managing Co-owner and Mr. John Taylor, Property Manager and Golf Course Superintendent of Grand Niagara Golf Club were interviewed to gain insight into the history and operations at the Phase One Property. Based on this input and the review of available records, information on the location of underground features and past site operations was assembled to meet the objectives of the interview process.

2.2.3 Site Reconnaissance

A site reconnaissance was conducted to document current site conditions and determine if APECs are present at the Phase One Property. The purpose of the site reconnaissance was:

- ◆ To determine if APECs exist through observations about current and past uses and PCAs on, in or under the Phase One Property and, as practicable, current and past uses and activities and PCAs in the Phase One Study Area; and
- ◆ To identify details of potential contaminant pathways on, in or under the Phase One Property, APECs, and contaminants of potential concern (COPCs).

To meet the specific site reconnaissance objectives outlined above, the Phase One Property was visually assessed to document current conditions and evaluate the potential for environmental impacts to soil and groundwater, and identify any possible preferential pathways such as underground utilities that may affect the fate, transport, and distribution of contaminants. Adjacent properties were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the Phase One Property. Photographs were taken to support pertinent observations.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area was determined to include the Phase One Property and properties located in whole or in part within a 250 m radius of the Phase One Property. The records review did not identify any properties beyond the 250 m radius that would be dissimilar to those that were captured in this radius with the exception Garner Road Biosolids storage facility located approximately 350 m northwest of the Phase One Property with the municipal address of 8719 Chippawa Creek Road. This facility houses storage lagoons used to store digested sludge for the entire Niagara region and, due to the intervening distance between this facility and the Phase One Property, is not considered to pose a concern to soil and groundwater quality at the Phase One Property.

3.1.2 First Developed Use Determination

In O. Reg. 153/04, “first developed use” means the earlier of:

- ◆ The first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
- ◆ The first potentially contaminating use or activity on the Phase One Property.

Based on our review of available records, the first developed use of the Phase One Property is inferred to be residential dwelling (i.e., farmhouse) constructed in the early-1900's located at the central-west portion of the Phase One Property.

3.1.3 Fire Insurance Plans

A search for the available FIPs was conducted by ERIS. The ERIS response indicated that no information was found for the Phase One Property or adjacent properties.

3.1.4 City Directories

A search of the city directories was conducted by LGI Copy Services Canada for the Phase One Property and properties within the Phase One Study Area in five year increments from 1961 to 2012. The results for the Phase One Property are presented in Table 1.

Table 1: City Directories Information for the Phase One Property

| Year | Phase One Property |
|---|---------------------------|
| 2012 | Grand Niagara Resort |
| 2007/08, 2001/02, 1996/97, 1991, 1986, 1981, 1976, 1971, 1966, 1961 | Address Not Listed |

Based on the review of available City Directories, the only operation identified with potential environmental significance was the golf course at Grand Niagara Resort which was present at the Phase One Property. This was identified as a potential concern with respect to possible bulk storage of pesticides and fertilizers as well as bulk fuel storage (PCAs as outlined in Table 2 of Schedule D in O. Reg. 153/04.

Additionally, the city directory search identified a suspected automobile manufacturing facility in 1991 (Ford Motor Company of Canada Limited) and a suspected steel fabrication company (ES Fox Limited) from 2007 to at least 2012, both PCAs under O. Reg. 153/04. Both of these businesses operated at 9127 Montrose Road, an adjoining property to the east of the Phase One Property.

3.1.5 Chain of Title

A historical title search for the Phase One Property was not conducted as part of this Phase One ESA. The occupancy and use of the Phase One Property is well documented in other historical records and a search of land ownership is unlikely to contribute any additional information regarding its environmental condition.

3.1.6 Previous Environmental Reports

No previous environmental reports for the Phase One Property were available for review.

3.2 Environmental Source Information

3.2.1 Databases

The ERIS report provides information from federal, provincial, and private source databases relating to a defined search area. Each database is divided into records that present information such as company names, addresses, descriptions, status and other pertinent

information. Records that fall within a defined 250 m radius of the search area are extracted from the database for review.

The complete ERIS report is included in Appendix A. The search of the ERIS databases complies with the requirements for background documentation identified in O. Reg. 153/04. Table 2 provides a summary of the results for the Phase One Property.

Table 2: EcoLog Search Results

| Database | Name | Onsite | Phase One Study Area |
|----------|---|----------|----------------------|
| CA | Certificates of Approval | 0 | 12 |
| EBR | Environmental Registry | 0 | 2 |
| EHS | ERIS Historical Searches | 0 | 3 |
| FSTH | Fuel Storage Tank - Historic | 0 | 2 |
| GEN | Ontario Regulation 347 Waste Generators Summary | 0 | 29 |
| NCPL | Non-Compliance Reports | 0 | 6 |
| NPCB | National PCB Inventory | 0 | 2 |
| OOGW | Ontario Oil and Gas Wells | 0 | 3 |
| OPCB | Inventory of PCB Storage Sites | 0 | 1 |
| SCT | Scott's Manufacturing Directory | 0 | 4 |
| SPL | Ontario Spills | 0 | 4 |
| SRDS | Wastewater Discharger Registration Database | 0 | 1 |
| | TOTAL | 0 | 69 |

The search of the ERIS databases did not identify any records for the Phase One Property; however, 69 records were identified in the Phase One Study Area.

Notable records in the Phase One Study Area included the following:

- ◆ Two records from Fuel Storage Tank - Historic database were registered to ES Fox Limited. with the municipal address of 9127 Montrose Road, an adjoining property to the east of the Phase One Property. The records are inferred to be associated with one liquid fuel single wall gasoline AST with the capacity of 25,000 litres and one liquid fuel single wall diesel AST with the capacity of 15,000 litres (a PCA under O. Reg. 153/04). The licence issue date for both records was in 1999;
- ◆ Three records from Ontario Regulation 347 Waste Generators Summary were registered to the municipal address of 9515 Montrose Road, an adjoining property to the east of the Phase One Property. Two of the records were registered to Joy Displays and one record was registered to Bazaar and Novelty Ltd. The records were associated with generated wastes of waste (crankcase) oils and lubricants (waste code: 252, approval dates: 1986-2015);
- ◆ Twelve records from Ontario Regulation 347 Waste Generators Summary were registered to the municipal address of 9127 Montrose Road, an adjoining property to the east of the Phase One Property. Eight of the records were registered to E. S. Fox Limited and the remaining four records were registered to Ford Motor Company of Canada Limited. The records were associated with generated wastes of alkaline wastes-other metals (waste

code: 122, approval years: 1994-2015), paint/pigment/coating residues (waste code: 145, approval years: 1986-2015), inorganic laboratory chemicals (waste code: 148, approval years: 1992-2015), aliphatic solvents (waste code: 212, approval years: 1992-2015), light fuels (waste code: 221, approval years: 1992-2015), polymeric resins (waste code: 232, approval years: 1986-2013), halogenated solvents (waste code: 241, approval years: 1992-2015), waste oils and lubricants (waste code: 252, approval years: 1992-2015), emulsified oils (waste code: 253, approval years: 1992-2013), organic laboratory chemicals (waste code: 263, approval years: 1992-2015), latex wastes (waste code: 231, approval years: 2010-2015), acid wastes (waste code: 112, approval years: 1992-2015), waste compressed gases (waste code: 331, approval years: 1998-2015), inert inorganic wastes (waste code: 150, approval years: 2010-2015), other specified inorganics (waste code: 146, approval years: 1992-2013), amines (waste code: 268, approval years: 1998-2015), detergents/soaps (waste code: 262, approval years: 1998-2015), petroleum distillates (waste code: 213, approval years: 1986-2013), oil skimmings and sludges (waste code: 251, approval years: 1986-1998), brines, chlor-alkali wastes (waste code: 133, approval years: 1992-1998), heavy fuels (waste code: 222, approval years: 1992-1998), other polymeric wastes (waste code: 233, approval years: 1992-1998), PCBs (waste code: 243, approval years: 1992-1998), organic acids (waste code: 267, approval years: 1992-1998), other specified organics (waste code: 270, approval years: 1992-1998) and pathological wastes (waste code: 312, approval years: 1992-1998);

- ◆ Fourteen records from Ontario Regulation 347 Waste Generation Summary were registered to the municipal address of 9514 Montrose Road to the east of the Phase One Property. Eight of the records were registered to Donald W. Murray Movers, three records registered to Crown Trucking Services and the remaining three records registered to Motorways Transport. The records were associated with petroleum distillates (waste code: 213, approval years: 1988-2015), waste oils and lubricants (waste code: 252, approval years: 1988-2015), aliphatic solvents and residues (waste code: 212, approval years: 2002-2015), oil skimmings/waste oils/sludges (petroleum based) (waste code: 251, approval years: 2002-2015), light fuels (waste code: 221, approval years: 2002-2015) and paint/pigment/coating residues (waste code: 145, approval years: 2002-2013);
- ◆ Six records from Non-Compliance Reports database were registered to E.S. Fox Enterprises Inc., 9127 Montrose Road, an adjoining property to the east of the Phase One Property. The records were associated with sewage discharges containing suspended solids, phosphorous or low pH effluent with dates ranging from 2003-2008;
- ◆ Two records from National PCB Inventory were registered to Ford Motor Company of Canada, 9127 Montrose Road, an adjoining property to the east of the Phase One Property. One record was associated with storage of Askarel PCBs for disposal with the volume of 159 kg with the transaction date in 1996 while the other record only noted the transaction and inspection dates in 1990 and 1989 respectively;
- ◆ One record from the Inventory of PCB Storage Sites database was registered to Ford Motor Company of Canada Limited, 9127 Montrose Road, an adjoining property to the east of the Phase One Property. The record was dated 1995 and associated with six drums of ballasts with high level PCBs (>1,000 ppm), 1,200 kg of drums of ballasts with high level PCBs (>1,000 ppm), 20 capacitors with high level PCBs (>1,000 ppm), one drum of other material with low level PCBs (<1,000 ppm) and 150 kg of drums of other material with low level PCBs (<1,000 ppm).
- ◆ Two records from Ontario Spills database were registered to Ford Motor Company of Canada Limited, 9127 Montrose Road, adjoining to the east of the Phase One Property.

One record was associated with discharge of oily material to drain in 1993 while the other was associated with discharge of oily wash water to Welland River in 1988;

- ♦ One record from Ontario Spills database was registered to the Regional Municipality of Niagara, 9240 Montrose Road, adjacent to the east of the Phase One Property. The record was associated with discharge of unknown volumes of raw unchlorinated sewage to ditch in 2009; and
- ♦ One record from Ontario Spills database was registered to a Crown Trucking Services, 9514 Montrose Road, approximately 100 m east of the Phase One Property. The record was associated with a tank leakage resulting in spillage of 136 Litres of diesel to a concrete pad in 1995. The record indicated the spill was reported to the MOECC and cleaned up. Therefore, impacts to the Phase One Property are not suspected.

3.2.2 Regulatory Information

A request was made to the Freedom of Information (FOI) Office of the MOECC for any records on the Phase One Property. FOI requests consist of data from the Spills Action Centre, Investigations and Enforcement Branch, Environmental Assessment and Approvals Branch, and the Environmental Monitoring and Reporting Branch, as well as records from local municipalities. As of December 23, 2015, a written reply regarding one of the residential houses with the municipal address of 8228 Grassy Brook Road was received which indicated that no records were found for this property. No other written replies were received from the MOECC as of the noted date. An addendum letter will be provided if records are identified that alter the conclusions on this report.

In addition, a search request was made to the TSSA. No records of fuel storage tanks were identified at the Phase One Property.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs obtained from the National Air Photo Library were reviewed for the years 1960, 1976 and 1982. Aerial photographs obtained from the Niagara Region's website (Niagara Region, 2015) were reviewed for the years 1934, 2000, 2006, 2010 and 2013. A summary is provided in Table 3.

Table 3: Aerial Photograph Interpretation

| Year | Activities on Site | Adjacent Properties |
|------|---|---|
| 1934 | The Phase One Property appears to have been composed of parcels of agricultural land. The golf course does not appear to exist at this time. | Adjacent properties surrounding the Phase One Property appear to have been agricultural. A railway line appears to run through the Phase One study area in a southwest to northeast direction. |
| 1960 | One of the residential houses along with the farmhouse both in the central-west portion of the Phase One Property appear to be present. A building in the north portion of the Phase One Property also appears to be present. The golf course does not appear to be | Rural residential properties appear to be present in the neighbouring lands to the southeast of the Phase One Property. A railway line appears to run through the Phase One Study Area in a southwest to northeast direction. |

| Year | Activities on Site | Adjacent Properties |
|------|--|--|
| | present at the time. | |
| 1976 | Similar to 1960 with the exception of the addition of the second residential house in the central-west portion of the Phase One Property. | Similar to 1960 with the exception of addition of an adjoining industrial property to the east of the north portion of the Phase One Property. Also, a commercial property appears to be present across Montrose Road or east of the central-east portion of the Phase One Property. |
| 1982 | Similar to 1976 | Similar to 1976 with the exception of the addition of an adjoining commercial property to the east of the central-east portion of the Phase One Property. |
| 2000 | Similar to 1976 | Similar to 1982 with the exception of four ASTs observed on the adjoining industrial property identified in the 1960 aerial photograph. |
| 2006 | Similar to 1976 with the exception of the addition of the golf course similar to its current configuration as well as an additional building in the north portion of the Phase One Property. | Similar to 2000 |
| 2010 | Similar to 2006 | Similar to 2000 |
| 2013 | Similar to 2006 | Similar to 2000 |

3.3.2 Topography, Hydrology, Geology

Topography

Topographic mapping available through the Natural Resources of Canada Website (<http://atlas.nrcan.gc.ca>) was reviewed. Topographic map sheet 30M03 of the National Topographic Database was accessed to review topographic features in the general vicinity of the Phase One Property.

The surface topography of the study area is undulating but generally gently slopes down to the north towards the Welland River located immediately adjacent to the north of the Phase One Property running in an approximate east-west direction. Additionally, Grassy Brook Creek and Lyon's Creek run through the Phase One Property in an approximate northeast-southwest direction. The Phase One Property is approximately 178 m above sea level (masl). A railway line runs through the Phase One study area in a southwest to northeast direction separating the central-west and central-east portions of the Phase One Property. The principal direction of regional groundwater flow is inferred to be north towards the Welland River; however, it is likely that the local groundwater flow direction in the central-east and central-west portions of the Phase One Property be influenced by Grassy Brook Creek or Lyon's Creek.

It should be noted that local groundwater flow may be influenced underground utilities (i.e., service trenches) and building structures. For example, the gravel pack used around utilities, such as underground utilities, can act as interceptors and redirect groundwater flow along the direction of the pipe.

Surficial Geology

Soil in the study area primarily consists of glacial lake deposits of silt and clay (Ontario Geological Survey, 2010). Based on this information, the surficial soil is likely to have low permeability. The thickness of the overburden is approximately 25 m (Gao, C, et al. 2006).

Bedrock Geology

Bedrock geology within the study area consists of argillaceous dolostone, shale, gypsum, salt (at depth) of the Silurian formation (Armstrong, D.K, and Dodge, J.E.P, 2007).

Physiography

The Phase One Study Area is situated within the Haldimand Clay Plain physiographic region of Southern Ontario, which borders the Iroquois plan and is divided by the Niagara Escarpment extending to Lake Erie. This region also encompasses the Onondaga Escarpment which divides drainage between Lake Ontario and Lake Erie (Chapman, L.J and Putnam, D.F., 2007).

3.3.3 Fill Materials

There was no evidence in the available records that fill materials were brought onto the Phase One Property.

3.3.4 Water Bodies and Areas of Natural Significance

Based on a review of the topographic map, Welland River borders the Phase One Property to the north.

To determine whether the Phase One Property is within an area of natural significance, as defined in O. Reg. 153/04, the following criteria summarized in Table 4 were reviewed:

Table 4: ANSI Criteria

| Criteria | Findings |
|---|-----------------|
| An area reserved or set apart as a provincial park or conservation reserve under the <i>Provincial Parks and Conservation Reserves Act, 2006</i> . | No |
| An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance. | No |
| A wetland identified by the Ministry of Natural Resources as having provincial significance. | Yes |
| An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant. | Yes |
| An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the <i>Niagara Escarpment Planning and Development Act</i> . | No |
| An area identified by the Ministry of Natural Resources as significant habitat of a threatened or endangered species. | No |
| An area which is habitat of a species that is classified under section 7 of the <i>Endangered Species Act, 2007</i> as a threatened or endangered species. | Yes |
| Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the <i>Oak Ridges</i> | No |

| | |
|--|----|
| Moraine Conservation Act, 2001 applies. | |
| An area set apart as a wilderness area under the <i>Wilderness Areas Act</i> . | No |

The Lower Grassy Brook Provincially Significant Wetland (PSW) complex exists within the Phase One Study Area along the railway corridor, Grassy Brook, and north of Grassy Brook Road. The Welland River East PSW complex exists within the Phase One Property along the banks of the Welland River. Also, the Lyons Creek North PSW complex exists outside of the Phase One property, but within the Phase One Study Area. It is located immediately south of Biggar Road west of Montrose Road and at the intersection north of Biggar Road and west of Crowland Avenue.

The City of Niagara Falls Official Plan designates Environmental Protection Areas and Environmental Conservation Areas within the Phase One Property. Additionally, the Niagara Region Official Plan designates the same two designations as the City plan and additionally identifies Potential Natural Heritage Corridors in the Phase One Study Area.

Several threatened bird species (Bobolink, Eastern Meadowlark, Barn Swallow, Chimney Swift, and Bank Swallow) have been identified in the vicinity in the Ontario Breeding Bird Atlas (within 1 km of the Phase One Property). Since point locations have not been provided, the locations of these species within the 1 km radius cannot be ascertained; however, given the PSW designation and presence of open fields, the likelihood of presence of at least one of these species on the Phase One Property of such a large scale appears to be high. The Phase One Property contains portions of the Lyons Creek, and therefore one of the seven remaining populations of American Water Willow. Exact locations of this plant are not publically available and verification through the Ontario Ministry of Natural Resources and Forestry (MNRF) would be required to verify if the plant has been found on the Phase One Property.

Based on the information above, the Phase One Property is considered an area of natural significance.

3.3.5 Well Records

Water well records were requested through the MOECC for the Phase One Property and properties within a 250 m radius. There were 12 well records identified for the study area, 7 of which were domestic water supply and five were test holes / observation monitoring wells. Based on the wells found within the study area, the geology generally consisted of:

- ◆ Brown topsoil to depths between 0.3 to 0.6 meters below ground surface (mbgs) overlaying;
- ◆ Grey clay with occasional seams of sand/gravel down to depths between 0.3 to 20.4 mbgs overlaying; and
- ◆ Limestone bedrock between 20.4 to 31.4 mbgs.

Based on available well records, groundwater ranges between 2.4 and 9.8 mbgs in the Phase One Study Area.

3.4 Site Operating Records

The Phase One Property is currently being used as a golf course with associated facilities. As the current land use of the Phase One Property is parkland, the Phase One Property is not considered an Enhanced Investigation Property under O. Reg. 153/04.

4.0 INTERVIEWS

Mr. Frank Baldesarra, Managing Co-owner and Mr. John Taylor, Property Manager of Grand Niagara Golf Club were interviewed to gain insight into the history and operations at the Phase One Property. The interview indicated that the Phase One Property was used as a golf club including a golf course and associated facilities. It was also indicated that the area to the west of the central-west portion of the Phase One Property was also used for maintenance of equipment and storage of chemicals such as pesticides and fertilizers. The potential environmental concerns identified during the interview and confirmed by the site reconnaissance observations will be discussed in their respective sections below.

5.0 SITE RECONNAISSANCE

5.1 General Site Conditions

On November 5, 2015 between the hours of 9:30 AM and 1:30 PM, MMM visited the Phase One Property and conducted the site reconnaissance. The Phase One Property was assessed in a systematic manner by walking around the site and recording visual and olfactory observations. The weather at the time of the site reconnaissance was cloudy and approximately 18°C. Photographs were taken from the Phase One Property and publicly accessible lands to document current site conditions. The photographs, along with their description and compass orientation, are included following the text.

5.2 Adjacent Lands

The Phase One Study Area showing adjacent lands is shown in Figure 2. Adjacent properties were viewed from the Phase One Property and publicly accessible boundaries to assess the potential for uses to adversely affect the Phase One Property. The following adjacent properties were observed:

North: Welland River, beyond which is Chippawa Creek Road.

East: Industrial and commercial properties, beyond which is Montrose Road;

South: Biggar Road, beyond which are agricultural and rural residential properties; and

West: Agricultural lands

5.3 Specific Observations at Phase One Property

5.3.1 Buildings and Structures

A two-storey building as clubhouse and a one-storey building as restaurant were observed on the north portion of the Phase Property. The clubhouse and restaurant were associated with the on-site golf club facilities. Two residential houses each with one associated barn as well as a storage shelter for golf carts were located on the central-west portion of the Phase One Property. MMM was not granted access to visit the residential houses and their associated barns during the site reconnaissance. Additionally, a maintenance area was observed on this portion of the Phase One Property which included a two-storey farmhouse and two barns. The farmhouse and its associated barns were part of the golf club maintenance facilities. The farmhouse was used as an office, the larger barn was used for storage of chemicals including pesticides and fertilizers and the smaller barn was used for maintenance of equipment.

A railway line was observed to run through the Phase One study area in a southwest to northeast direction separating the central-west and central-east portions of the Phase One Property.

5.3.2 Storage Tanks (Underground or Aboveground)

Three aboveground storage tanks (ASTs) were observed outside of the smaller barn. The ASTs included one 2,200 litre diesel tank, one 2,200 litre gasoline tank and one 1,360 litre waste oil tank. Additionally, three drums (approx. 200 L each) of motor oil were observed inside the smaller barn.

5.3.3 Water Supply and Wells

The majority of the Phase One Property is municipally serviced for water. The farmhouse in the maintenance area of the Phase One Property is serviced by a private cistern. No evidence of any monitoring wells was observed on the Phase One Property during the site reconnaissance.

5.3.4 Stains and Odours

No stains or odours were observed during the site reconnaissance.

5.3.5 Spills

No evidence of spills was observed during the site reconnaissance.

5.3.6 Stressed Vegetation

No stressed vegetation was observed during the site reconnaissance.

5.3.7 Fill Placement and Dumping

According to the interview conducted during the site reconnaissance, the topography of the golf course was created by using the materials from constructing the on-site ponds and, therefore, no new material was imported for that purpose. However, sand of unknown origin and quality was reportedly imported for the sand traps at the Phase One Property.

5.3.8 Waste Water and Sewage Disposal

The farmhouse located in the maintenance area of the Phase One Property reportedly had a septic tank. The rest of the on-site buildings, however, were reportedly municipally serviced for wastewater.

5.3.9 Stored Materials / Equipment

The larger barn in the maintenance area was used for storage of pesticides and fertilizers. A mixing station with an approximately 1,000 litre tank and as well as approximately 50 small containers of liquid pesticides in quantities less than 20 L were observed in the larger barn. Bags of fertilizers were also stored in this large barn. Although the bulk storage of pesticides is considered to be a PCA by the MOECC, the application of pesticides on the golf course is not considered to be a large-scale application (US EPA, 2001) and, therefore, is not deemed to represent a significant environmental concern.

Additionally, small containers of general vehicle maintenance chemicals such as oil were observed in the small barn used for maintenance of equipment.

5.3.10 Unidentified Substances

No unidentified substances were identified during the site reconnaissance.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

A summary of current and past uses for the Subject Properties is provided in Table 5.

Table 5: Summary of Current and Past Uses

| Year | Description of Property Use | Property Use(s) | Other Observations from Aerial Photographs, Fire Insurance Plans, Etc. |
|------|--|------------------------------|--|
| 1934 | The Phase One Property appears to have been composed of parcels of agricultural land. The golf course does not appear to exist at this time. | Agricultural and Residential | The interview indicated that the farmhouse was built in the early 1900s. |
| 1960 | One of the residential houses along with the farmhouse both in the central-west portion of the Phase One Property appear to be present. A building in the north portion of the Phase One Property also appears to be present. The golf course does not appear to be present at the time. | | The interview indicated that the two residential houses were built in the 1950s/1960s. |
| 1976 | Similar to 1960 with the exception of the addition of the second residential house in the central-west portion of the Phase One Property. | Agricultural and Residential | |
| 2006 | Similar to 1976 with the exception of the addition of the golf course similar to its current configuration as well as an additional building in the north portion of the Phase One Property. | Parkland and Residential | The site reconnaissance and interview indicated that the restaurant was built in 2005. |
| 2013 | Similar to 2006 | | |
| 2015 | | | |

6.2 Potentially Contaminating Activity

Table 6 provides a summary and evaluation of PCAs identified within the Phase One Study Area. As noted earlier in the report, the principal direction of regional groundwater flow is inferred to be north towards the Welland River; however, it is likely that the local groundwater flow direction in the central-east and central-west portions of the Phase One Property be influenced by Grassy Brook Creek or Lyon's Creek.

Table 6: Summary of Potentially Contaminating Activities in the Phase One Study Area

| PCA ID | PCA | Description of PCA | Location in relation to the Phase One Property | Data Source | PCA resulted in APEC? (Yes/No) | Rationale |
|--------|--|---|--|---|--------------------------------|--|
| 1 | 30. Importation of Fill Material of Unknown Quality | Imported sand | On-site | Site Reconnaissance, Interview | YES | Imported sand for sand traps on golf course. |
| 2 | 28. Gasoline and Associated Products Storage in Fixed Tanks | <ul style="list-style-type: none"> - One diesel, one gasoline and one waste oil AST - Three drums of motor oil (Both current) | | Site Reconnaissance | YES | <ul style="list-style-type: none"> - One 2,200 litre diesel AST, one 2,200 Litre gasoline AST and one 1,360 litre waste oil AST observed outside of the smaller barn in the maintenance area of the Phase One Property; and - Three drums (approx. 200 L each) of used motor oil observed inside the smaller barn in the maintenance area of the Phase One Property. |
| 3 | 22. Fertilizer Manufacturing, Processing and Bulk Storage | Bulk storage of fertilizers (Current) | | Site Reconnaissance, Interview | YES | Bulk storage of fertilizers observed in the bigger barn in the maintenance area of the Phase One Property. |
| 4 | 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications | Bulk storage of pesticides (Current) | | | YES | Bulk storage of pesticides and a mixing station with an approximately 1,000 litre tank observed in the bigger barn in the maintenance area of the Phase One Property. |
| 5 | 46. Rail Yards, Tracks and Spurs | Railway (Current) | Railway running through the Phase One Study Area | Site Reconnaissance, Interview, Aerial Photos | YES | Railway running through the Phase One Study Area in a southwest to northeast direction separating the central-east and central west portions of the Phase One Property. |

| PCA ID | PCA | Description of PCA | Location in relation to the Phase One Property | Data Source | PCA resulted in APEC? (Yes/No) | Rationale |
|--------|---|-------------------------------------|--|---------------------------------------|--------------------------------|---|
| 6 | 57. Vehicles and Associated Parts Manufacturing | Ford Motor Company of Canada (1991) | 9127 Montrose Road | City Directories | YES | Inferred former auto manufacturing factory. |
| 7 | 33. Metal Treatment, Coating, Plating and Finishing | ES Fox Limited (2007 to present) | | City Directories, Site Reconnaissance | YES | Current steel manufacturing company. |
| 8 | 34. Metal Fabrication | | | | YES | |
| 9 | 28. Gasoline and Associated Products Storage in Fixed Tanks | ES Fox Ltd (2007 to present) | | Aerial Photos | YES | - Two ASTs of unknown volume. - Two tanks of unknown material. |
| 10 | 28. Gasoline and Associated Products Storage in Fixed Tanks | Crown Trucking (1995) | 9514 Montrose Road | ERIS | NO | Tank leakage resulting in spillage of 136 Litres of diesel fuel to a concrete pad at 9514 Montrose Road, approx., 100m east of the Phase One Property. The record indicates the spill was reported to the MOECC and cleaned up. |

6.3 Areas of Potential Environmental Concern

MMM has identified five APECs with the potential to impact soil and/or groundwater conditions at the Phase One Property, as summarized in Table 7 and Figure 4.

Table 7: Summary of Areas of Potential Environmental Concern

| Area of Potential Environmental Concern (APEC) | Location of Area of Potential Environmental Concern on Phase One Properties | Potential Contaminating Activity | Location of Potential Contaminating Activity (onsite or offsite) | Contaminants of Potential Environmental Concern | Media Potentially Impacted (Groundwater, soil and/or sediment) |
|--|---|--|--|---|--|
| APEC-1 | Sand traps within the golf course in the Phase One Property (collectively referred to as APEC-1) | 30. Importation of Fill Material of Unknown Quality | On-site | Metals and Inorganics, and to a lesser extent: petroleum hydrocarbon compounds (PHCs) and polycyclic aromatic hydrocarbons (PAHs) | Soil |
| APEC-2 | North portion of the maintenance area, located west of the central-west portion of the Phase One Property | 22. Fertilizer Manufacturing, Processing and Bulk Storage 28. Gasoline and Associated Products Storage in Fixed Tanks 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications | | PHCs, volatile organic compounds (VOCs), PAHs, Pesticides | Soil and groundwater |
| APEC from Offsite PCA between the Central-East and Central-West Portions of the Phase One Proeprty | | | | | |
| APEC-3 | The portions of the Phase One Property adjacent to the railway corridor running through the Phase One Study Area. | 46. Rail Yards, Tracks and Spurs | Off-site | PHCs, Metals, PAHs | Soil and groundwater |

| Area of Potential Environmental Concern (APEC) | Location of Area of Potential Environmental Concern on Phase One Properties | Potential Contaminating Activity | Location of Potential Contaminating Activity (onsite or offsite) | Contaminants of Potential Environmental Concern | Media Potentially Impacted (Groundwater, soil and/or sediment) |
|--|---|---|--|---|--|
| APECs from Off-site PCAs to the East of the Phase One Property | | | | | |
| APEC-4 | Portion of the Phase One Property adjoining 9127 Montrose Road | 28. Gasoline and Associated Products Storage in Fixed Tanks 33. Metal Treatment, Coating, Plating and Finishing 34. Metal Fabrication 57. Vehicles and Associated Parts Manufacturing Other. Waste Generation | Off-site | PHCs, VOCs, Metals and Inorganics, PAHs, PCBs | Soil and groundwater |

- ◆ **APEC-1 (Sand traps within the golf course):** Based on the site reconnaissance and the interviews, sand of unknown origin and quality was reportedly imported for the sand traps within the golf course. The sand traps are collectively referred to as APEC-1 for the purpose of this report. The MOECC considers the importation of sand to be a PCA which would require chemical testing of a representative number of the sand traps to demonstrate that the sand is not impacted.
- ◆ **APEC-2 (Golf Club Maintenance Area):** The following current on-site operations have the potential to impact the soil and groundwater at the Phase One Property:
 - ◆ Based on the site reconnaissance, one 2,200 litre diesel AST, one 2,200 litre gasoline AST and one 1,360 litre waste oil AST were observed outside of the smaller barn in the maintenance area of the Phase One Property; and
 - ◆ Based on the site reconnaissance and the interviews, general repair and maintenance of golf course equipment (i.e., tractors, lawn mowers, etc.) is undertaken at the Phase One Property. Three drums (approx. 200 L each) of used motor oil were observed inside the smaller barn in the maintenance area of the Phase One Property; and
 - ◆ Based on the site reconnaissance, bulk storage of pesticides and fertilizers along with a mixing station with a 1,000 L (approx.) tank was observed in the larger barn in the maintenance area of the Phase One Property.
- ◆ **APEC-3 (Adjacent to the railway corridor):** Based on a review of aerial photographs and the site reconnaissance, an active railway divides the central-east and central west portions of the Phase One Property.
- ◆ **APEC-4 (Northeast portion of the Phase One Property):** Based on a review of City Directories and aerial photographs, Ford Motor Company of Canada and ES Fox Limited (a steel fabrication company) have operated at 9127 Montrose Road, an adjoining property to the east of the Phase One Property. Four ASTs were observed on this adjoining property in aerial photographs. These former and current off-site operations have the potential to impact soil and groundwater at the Phase One Property.

6.4 Phase One Conceptual Site Model

Based on the historical review and site reconnaissance, MMM concludes that there is a potential for soil and groundwater contamination at the Phase One Property. Information presented in this report that contributes to the development of the Conceptual Site Model (CSM) is presented in Figure 2 to Figure 4 and summarized as follows:

- ◆ Welland River located immediately adjacent to the north of the north portion of the Phase One Property runs in an approximate east-west direction. Additionally, Grassy Brook Creek and Lyon's Creek run through the Phase One Property in an approximate northeast-southwest direction;
- ◆ The Phase One Property is considered to be an area of natural significance due to presence of PSWs, Environmental Protection Areas, Environmental Conservation Areas and likelihood of threatened species;
- ◆ Seven drinking water wells were identified in the Phase One Study Area;
- ◆ Surrounding properties are used for residential, commercial and industrial purposes;
- ◆ Road names in the Phase One Study Area are shown on Figures 2;
- ◆ A two-storey building used as clubhouse and a one-storey building used as a restaurant were observed on the north portion of the Phase Property. Two residential houses (each

with one associated barn) as well as a storage shelter for golf carts were located on the central-west portion of the Phase One Property. Additionally, a two-storey farmhouse and two barns were observed in the golf club maintenance area located in the central-west portion of the Phase One Property. A railway line was also observed to run through the Phase One Study Area and divide the central-west and central-east portions of the Phase One Property;

- ◆ The Phase One Property is at approximately 178 masl and the surrounding lands generally gently slope down to the north towards the Welland River located immediately adjacent to the north of the Phase One Property;
- ◆ A review of available well records indicated that the Phase One Property was underlain by brown topsoil to depths between 0.3 to 0.6 mbgs overlaying grey clay with occasional seams of sand/gravel to depths between 0.3 to 20.4 mbgs followed by bedrock between 20.4 to 31.4 mbgs;
- ◆ Based on available well records, groundwater ranges between 2.4 and 9.8 mbgs in the Phase One Study Area.
- ◆ Based on the findings of the records review, interviews, and the site reconnaissance completed as part of the Phase One ESA, several PCAs were identified that have led to APECs at the Phase One Property (Figure 4 and Figure 5). Additionally, and as part of the identified PCAs, several fuel tanks were identified in the Phase One Study Area (Figure 4). The identified PCAs include:
 - ◆ 22. Fertilizer Manufacturing, Processing and Bulk Storage;
 - ◆ 28. Gasoline and Associated Products Storage in Fixed Tanks;
 - ◆ 30. Importation of Fill Material of Unknown Quality;
 - ◆ 33. Metal Treatment, Coating, Plating and Finishing;
 - ◆ 34. Metal Fabrication
 - ◆ 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications;
 - ◆ 46. Rail Yards, Tracks and Spurs;
 - ◆ 57. Vehicles and Associated Parts Manufacturing; and
- ◆ Information considered for the development of this CSM was gathered from numerous sources (i.e., aerial photographs, city directories, environmental database searches, physical setting sources, interviews and a site reconnaissance), which reduces the potential for not identifying a former property use or PCA.

7.0 CONCLUSIONS

7.1 Concluding Documentation and Rationale

Based on the findings of the Phase One ESA, the potential for environmental impacts are present at the Phase One Property from PCAs and historical activities identified at the Phase One Property and within the Phase One Study Area.

A Phase Two ESA is recommended to investigate soil and groundwater quality at the identified APECs at the Phase One Property.

8.0 ASSESSOR QUALIFICATIONS

8.1 WSP and MMM Group Limited

WSP is a leading, full-service engineering company that has seen successful growth in the past decade with a Canadian contingent of approximately 8,000 people making a significant contribution to our 34,000 global staff, based in more than 500 offices, across 40 countries. In 2015, WSP acquired SPL Consultants Limited and MMM Group Limited, which has resulted in the expansion of our environmental services in Ontario. WSP, including SPL and MMM (both wholly owned subsidiaries of WSP), employs about 450 environment staff in Ontario including Professional Engineers, Professional Geoscientists, Biologists and Certified Technicians. The firm provides services to transform the built environment and restore the natural environment, and its expertise ranges from environmental remediation to urban planning, from engineering iconic buildings to designing sustainable transport networks, and from developing the energy sources of the future to enabling new ways of extracting essential resources.

For six decades, MMM Group Limited has offered comprehensive consulting services in design, planning, project management, contract administration and construction inspection services in the environmental engineering, municipal engineering, urban development and recreational development fields. The firm employs 2,000 professional, technical and administrative staff, in offices across Canada with expertise in all facets of the environmental field. The Environmental Management Department specializes in conducting Phase One and Phase Two Environmental Site Assessments, hazardous materials assessment, removal of underground storage tanks, groundwater investigations and site remediation.

8.2 Qualified Person

The Phase One ESA was supervised and reviewed by Chris Roach, P.Eng., Senior Project Manager and Associate with MMM. Mr. Roach is an environmental engineer with over 15 years of experience in the consulting field. He is a professional engineer (P.Eng.) and a registered Qualified Person (QP_{ESA}) under O. Reg. 153/04 with extensive experience related to ESAs, risk assessments, and remediation projects. This experience includes involvement in over 1,000 ESAs for various public and private sector clients; development and application of innovative remediation and risk management strategies for land redevelopment projects; and, project management for portfolios ranging from residential and commercial developments to active industrial and brownfield properties requiring large-scale site remediation and risk-based mitigative programs.

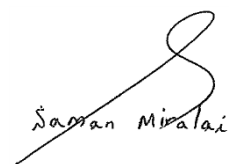
8.3 Technical Support

Site reconnaissance and reporting were completed by Allison Read and Sam Miralai respectively. Ms. Read is an Environmental Scientist and Mr. Miralai is a Project Engineer at MMM's Thornhill Office. Both the individuals conduct Phase One and Phase Two ESAs including document research, site visits, interviews, and reporting. As well, they implement field investigations, including soil sampling through drilling, test pitting and surface sampling and groundwater monitoring and sampling.

8.4 Signatures

This Phase One ESA was conducted under the supervision of undersigned QP_{ESA}, in accordance with the requirements of O. Reg. 153/04. He authorizes the issuance of this report on behalf of:

MMM GROUP LIMITED



Saman Miralai, M.A.Sc., P.Eng.
Project Engineer
Environmental Management



Chris Roach, P.Eng., QP_{ESA} | RA
Senior Project Manager
Environmental Management

9.0 STANDARD LIMITATIONS

Standard limitations are presented in Appendix B as they apply to this report.

This report has been prepared solely for use by Grand Niagara Co-Owners in accordance with generally accepted environmental investigation practices at the time of the assessment including the requirements of O. Reg. 153/04. As the various parcels of land composing the Phase One Property are not contiguous, this Phase One ESA will need to be updated with stand-alone conclusions for each parcel of land should filing of an RSC be required in the future. In such a case and as per O. Reg. 153/04, the Phase One ESA report will need to be updated within 18 months before the submission of the RSC or commencement of the Phase Two ESA.

10.0 REFERENCES

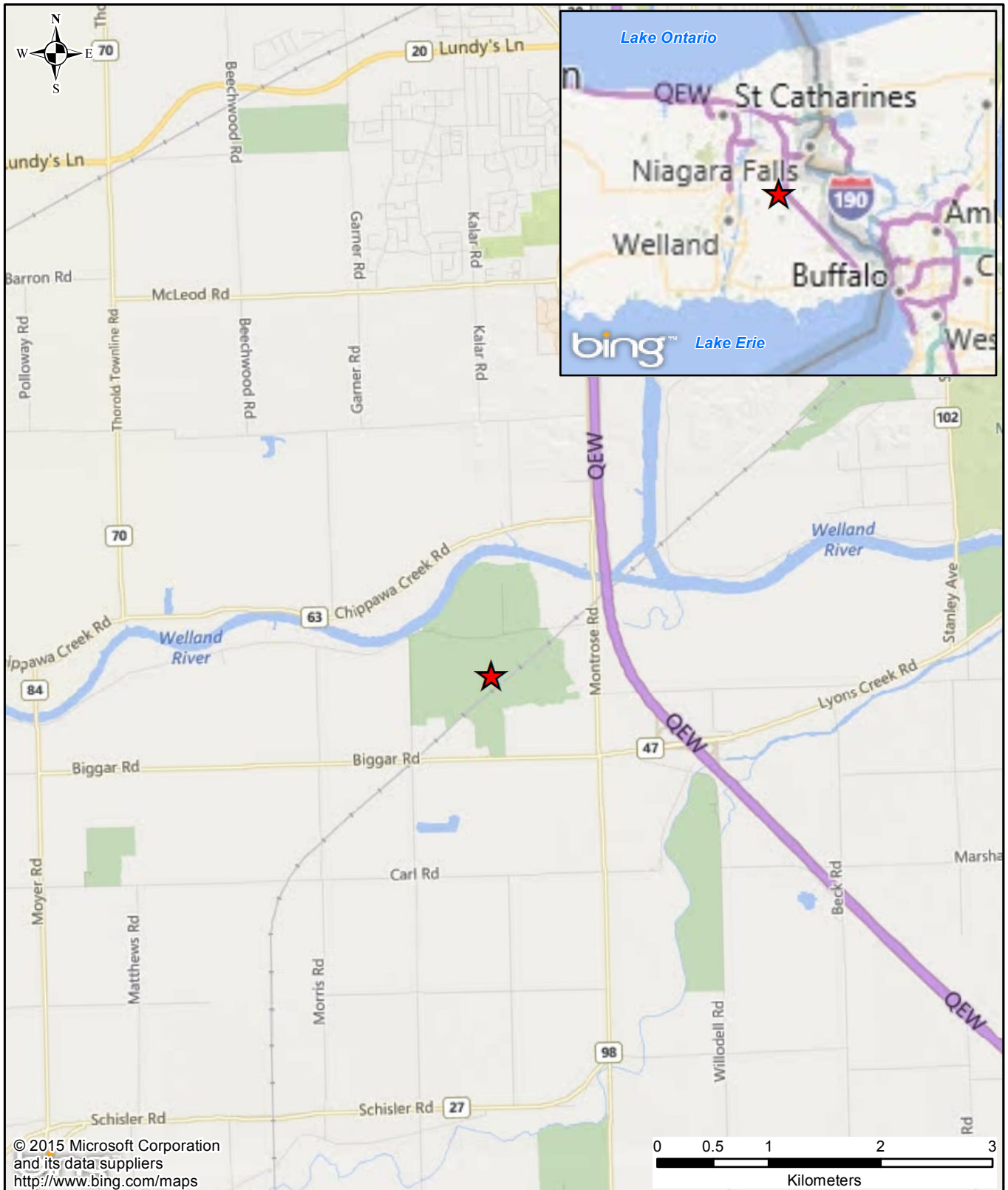
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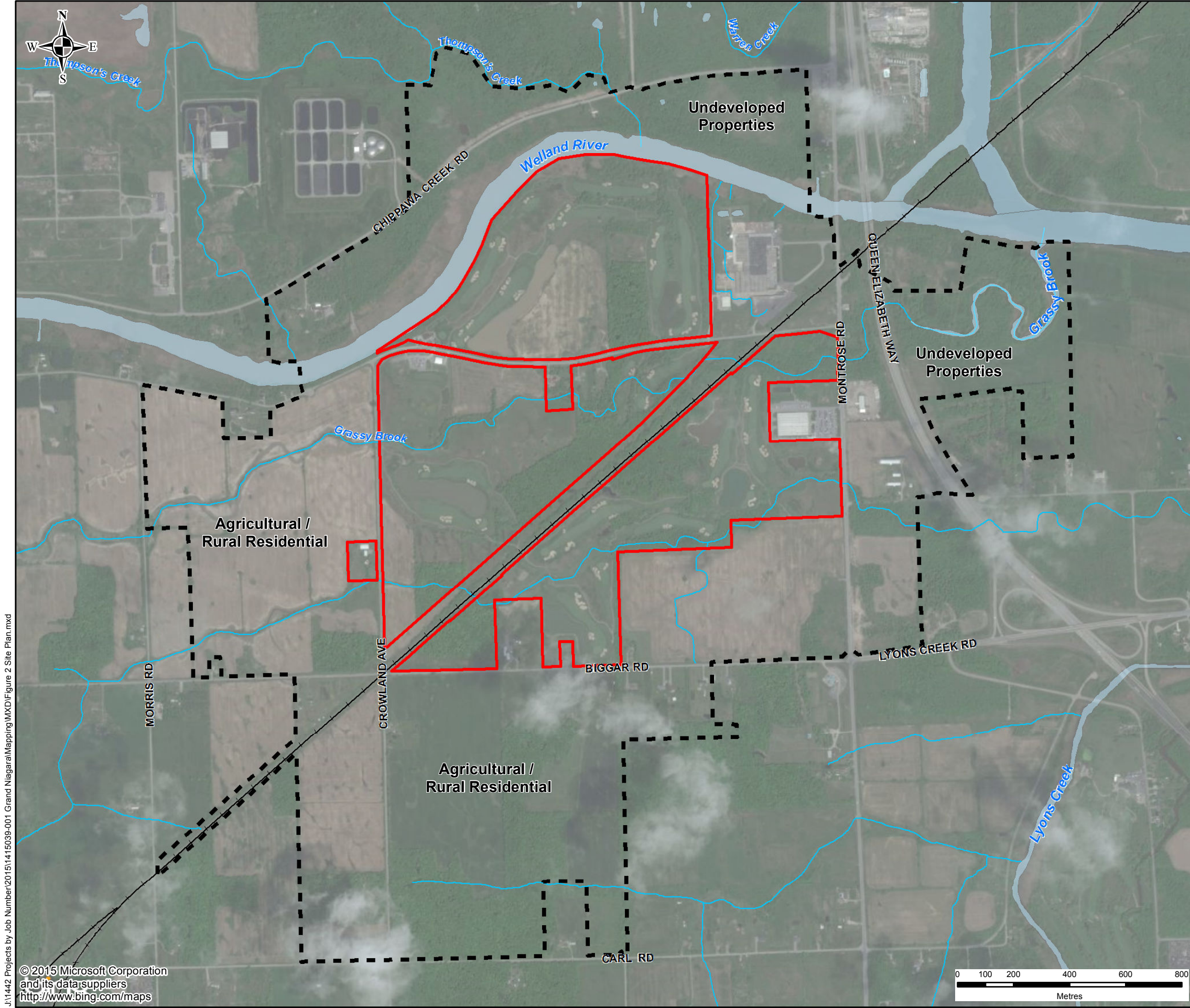
J:\1442 Projects by Job Number\2015\1415039-001 Grand Niagara\Mapping\WXD\Figure 1 Site Location.mxd

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Legend



 Site Location

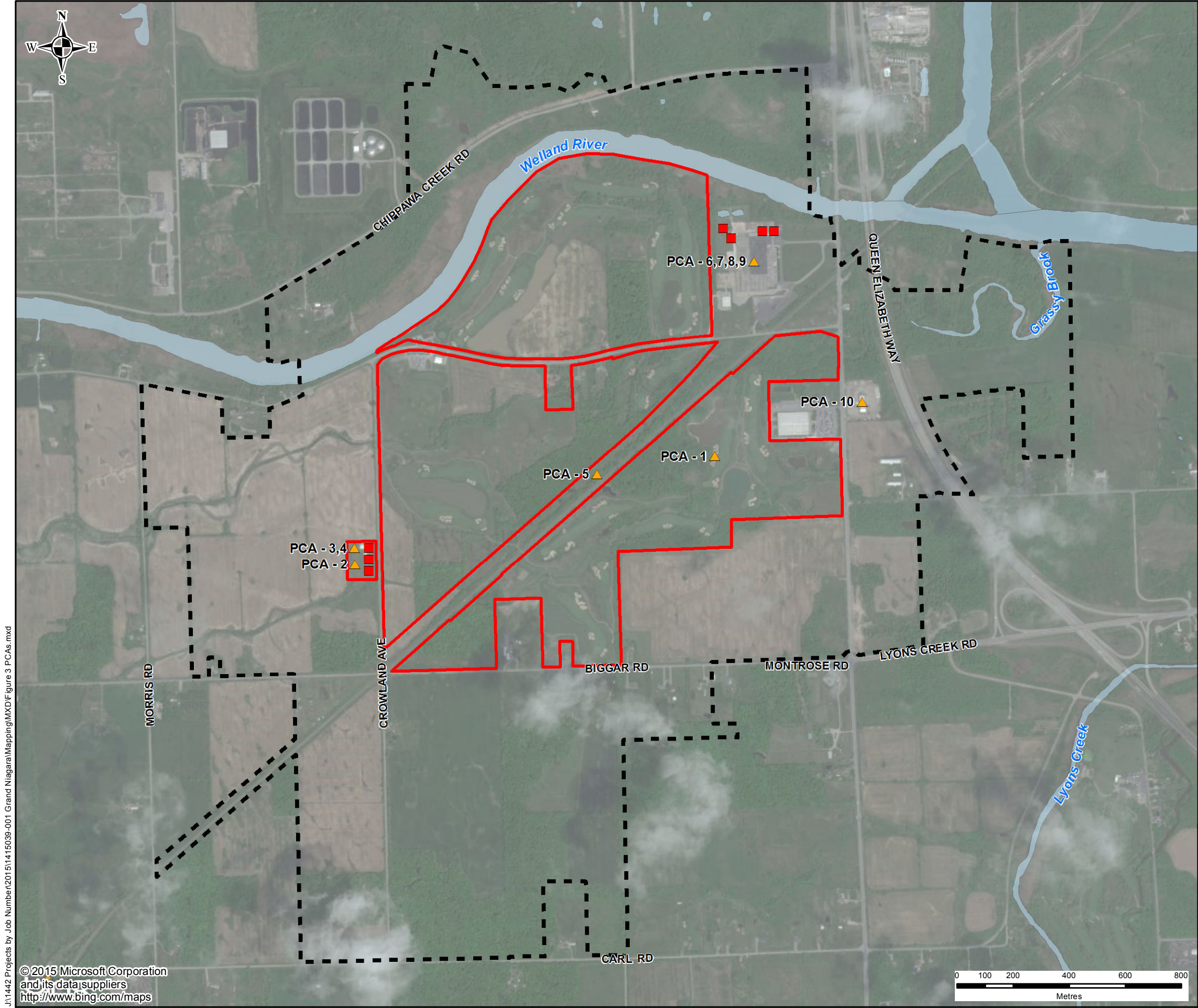
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| Client: Grand Niagara Co-Owners | | |
| Title: Site Location | | |
| Prepared By:   | | |
| 1415039-001-E01 | Scale as Shown | Review: CR |
| Date: December 2015 | Figure: 1 | |
| © Queen's Printer for Ontario | | |



Legend

- Property Boundary
- Phase One Study Area
- Waterbodies
- Watercourses
- Railways

| | | | |
|-------------------------------|---|------------|--|
| Client: | Grand Niagara Co-Owners | | |
| Title: | Site Plan | | |
| Prepared by: |   | | |
| 1415039-001-E01 | Scale as Shown | Review: CR | |
| Date: December 2015 | Figure: 2 | | |
| © Queen's Printer for Ontario | | | |



Legend

- Property Boundary
- Phase One Study Area
- Waterbodies
- Aboveground Storage Tanks (ASTs)
- ▲ Potentially Contaminating Activity

| PCA | Description |
|--------|--|
| PCA-1 | 30 - Importation of Fill Material of Unknown Quality |
| PCA-2 | 28. Gasoline and Associated Products Storage in Fixed Tanks |
| PCA-3 | 22. Fertilizer Manufacturing, Processing and Bulk Storage |
| PCA-4 | 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications |
| PCA-5 | 46. Rail Yards, Tracks and Spurs |
| PCA-6 | 57. Vehicles and Associated Parts Manufacturing |
| PCA-7 | 33. Metal Treatment, Coating, Plating and Finishing |
| PCA-8 | 34. Metal Fabrication |
| PCA-9 | 28. Gasoline and Associated Products Storage in Fixed Tanks |
| PCA-10 | 28. Gasoline and Associated Products Storage in Fixed Tanks |


Client:


Grand Niagara Co-Owners

Title:

Potentially Contaminating Activities

Prepared By:

 **WSP**

 **MMM GROUP**

1415039-001-E01

Scale as Shown

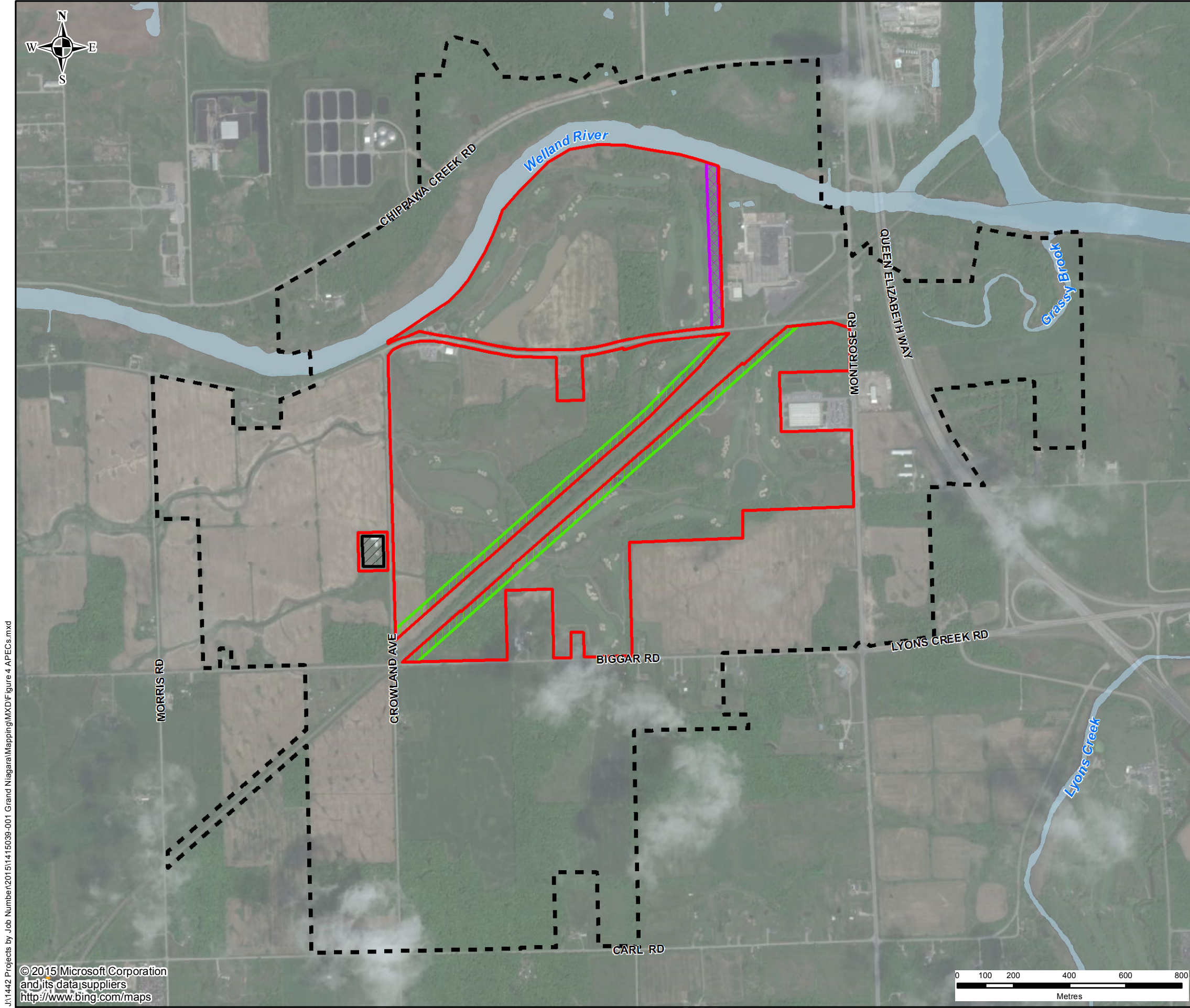
Review: CR

Date: December 2015

Figure: 3

© Queen's Printer for Ontario

J:\1442 Projects by Job Number\2015\1415039-001 Grand Niagara\Mapping\MXD\Figure 3 PCAs.mxd



Legend

Property Boundary

Phase One Study Area

Waterbodies

Areas of Potential Environmental Concern

APEC - 2

APEC - 3

APEC - 4

| APEC | Description |
|---------------------|---|
| APEC-1 ¹ | 30 - Importation of Fill Material of Unknown Quality |
| APEC-2 | 22 - Fertilizer Manufacturing, Processing and Bulk Storage |
| | 28 - Gasoline and Associated Products Storage in Fixed tanks |
| | 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications |
| APEC-3 | 46 - Rail Yards, Tracks and Spurs |
| APEC-4 | 28 - Gasoline and Associated Products Storage in Fixed tanks |
| | 33. Metal Treatment, Coating, Plating and Finishing |
| | 34. Metal Fabrication |
| | 57. Vehicles and Associated Parts Manufacturing |
| | Other - Waste Generation |

Refer to Table 7 in section 6.3 for a full description of the APECs

¹ The sand traps on the Phase One property are collectively referred to as APEC-1.

Client:

Grand Niagara Co-Owners

Title:

Areas of Potential Environmental Concern

Prepared By:

WSP

MMM GROUP

1415039-001-E01

Scale as Shown

Review: CR

Date: December 2015

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Figure: 4

PHOTOGRAPHS



Photograph 1: View of the clubhouse in the north portion of the Phase One Property, looking north



Photograph 2: View of the restaurant in the north portion of the Phase One Property, looking north



Photograph 3: View of a portion of the golf course



Photograph 4: View of the interior of the farmhouse in the maintenance area located in the central-west portion of the Phase One Property



Photograph 5: View of the three ASTs located outside of the smaller barn in the maintenance area located in the central-west portion of the Phase One Property



Photograph 6: View of three drums of motor oil inside the smaller barn in the maintenance area located in the central-west portion of the Phase One Property



Photograph 7: View of bulk storage of fertilizers inside the larger barn in the maintenance area located in the central-west portion of the Phase One Property



Photograph 8: View of storage of pesticides inside the larger barn in the maintenance area located in the central-west portion of the Phase One Property



Photograph 9: View of the pesticide mixing station inside the larger barn in the maintenance area located in the central-west portion of the Phase One Property



Photograph 10: View of the railway running through the Phase One Study Area

APPENDIX A – SUPPORTING DOCUMENTATION



DATABASE REPORT



Project Property:

*Grand Niagara
n/a
Niagara Falls ON*

P.O. Number

Report Type:

Quote - Custom-Build Your Own Report

Order #:

20151029056

Requested by:

MMM Group Ltd.

Date:

November 3, 2015

Ecolog ERIS Ltd.

Environmental Risk Information
Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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| | |
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Executive Summary

Property Information:

Project Property: *Grand Niagara
n/a Niagara Falls ON*

P.O. Number:

Order Information:

Order No.: *20151029056*
Date Requested: *04/11/2015*
Requested by: *MMM Group Ltd.*
Report Type: *Quote - Custom-Build Your Own Report*

Additional Products:

Land Title Search *Historical Title Search*

Executive Summary: Report Summary

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|--|-----------------|-----------------------------|-------------------------------|--------------|
| AAGR | Abandoned Aggregate Inventory | Y | 0 | 0 | 0 |
| AGR | Aggregate Inventory | Y | 0 | 0 | 0 |
| AMIS | Abandoned Mine Information System | Y | 0 | 0 | 0 |
| ANDR | Anderson's Waste Disposal Sites | Y | 0 | 0 | 0 |
| AUWR | Automobile Wrecking & Supplies | Y | 0 | 0 | 0 |
| BORE | Borehole | Y | 0 | 0 | 0 |
| CA | Certificates of Approval | Y | 0 | 12 | 12 |
| CFOT | Commercial Fuel Oil Tanks | Y | 0 | 0 | 0 |
| CHEM | Chemical Register | Y | 0 | 0 | 0 |
| COAL | Inventory of Coal Gasification Plants and Coal Tar Sites | Y | 0 | 0 | 0 |
| CONV | Compliance and Convictions | Y | 0 | 0 | 0 |
| CPU | Certificates of Property Use | Y | 0 | 0 | 0 |
| DRL | Drill Hole Database | Y | 0 | 0 | 0 |
| EASR | Environmental Activity and Sector Registry | Y | 0 | 0 | 0 |
| EBR | Environmental Registry | Y | 0 | 2 | 2 |
| ECA | Environmental Compliance Approval | Y | 0 | 0 | 0 |
| EEM | Environmental Effects Monitoring | Y | 0 | 0 | 0 |
| EHS | ERIS Historical Searches | Y | 0 | 3 | 3 |
| EIIS | Environmental Issues Inventory System | Y | 0 | 0 | 0 |
| EMHE | Emergency Management Historical Event | Y | 0 | 0 | 0 |
| EXP | List of TSSA Expired Facilities | Y | 0 | 0 | 0 |
| FCON | Federal Convictions | Y | 0 | 0 | 0 |
| FCS | Contaminated Sites on Federal Land | Y | 0 | 0 | 0 |
| FOFT | Fisheries & Oceans Fuel Tanks | Y | 0 | 0 | 0 |
| FST | Fuel Storage Tank | Y | 0 | 0 | 0 |
| FSTH | Fuel Storage Tank - Historic | Y | 0 | 2 | 2 |
| GEN | Ontario Regulation 347 Waste Generators Summary | Y | 0 | 29 | 29 |
| HINC | TSSA Historic Incidents | Y | 0 | 0 | 0 |
| IAFT | Indian & Northern Affairs Fuel Tanks | Y | 0 | 0 | 0 |
| INC | TSSA Incidents | Y | 0 | 0 | 0 |
| LIMO | Landfill Inventory Management Ontario | Y | 0 | 0 | 0 |
| MINE | Canadian Mine Locations | Y | 0 | 0 | 0 |
| MNR | Mineral Occurrences | Y | 0 | 0 | 0 |
| NATE | National Analysis of Trends in Emergencies System (NATES) | Y | 0 | 0 | 0 |
| NCPL | Non-Compliance Reports | Y | 0 | 6 | 6 |
| NDFT | National Defence & Canadian Forces Fuel Tanks | Y | 0 | 0 | 0 |
| NDSP | National Defence & Canadian Forces Spills | Y | 0 | 0 | 0 |

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|---|-----------------|-----------------------------|-------------------------------|--------------|
| NDWD | National Defence & Canadian Forces Waste Disposal Sites | Y | 0 | 0 | 0 |
| NEES | National Environmental Emergencies System (NEES) | Y | 0 | 0 | 0 |
| NPCB | National PCB Inventory | Y | 0 | 2 | 2 |
| NPRI | National Pollutant Release Inventory | Y | 0 | 0 | 0 |
| OGW | Oil and Gas Wells | Y | 0 | 0 | 0 |
| OOGW | Ontario Oil and Gas Wells | Y | 0 | 3 | 3 |
| OPCB | Inventory of PCB Storage Sites | Y | 0 | 1 | 1 |
| ORD | Orders | Y | 0 | 0 | 0 |
| PAP | Canadian Pulp and Paper | Y | 0 | 0 | 0 |
| PCFT | Parks Canada Fuel Storage Tanks | Y | 0 | 0 | 0 |
| PES | Pesticide Register | Y | 0 | 0 | 0 |
| PINC | TSSA Pipeline Incidents | Y | 0 | 0 | 0 |
| PRT | Private and Retail Fuel Storage Tanks | Y | 0 | 0 | 0 |
| PTTW | Permit to Take Water | Y | 0 | 0 | 0 |
| REC | Ontario Regulation 347 Waste Receivers Summary | Y | 0 | 0 | 0 |
| RSC | Record of Site Condition | Y | 0 | 0 | 0 |
| RST | Retail Fuel Storage Tanks | Y | 0 | 0 | 0 |
| SCT | Scott's Manufacturing Directory | Y | 0 | 4 | 4 |
| SPL | Ontario Spills | Y | 0 | 4 | 4 |
| SRDS | Wastewater Discharger Registration Database | Y | 0 | 1 | 1 |
| TANK | Anderson's Storage Tanks | Y | 0 | 0 | 0 |
| TCFT | Transport Canada Fuel Storage Tanks | Y | 0 | 0 | 0 |
| VAR | TSSA Variances for Abandonment of Underground Storage Tanks | Y | 0 | 0 | 0 |
| WDS | Waste Disposal Sites - MOE CA Inventory | Y | 0 | 0 | 0 |
| WDSH | Waste Disposal Sites - MOE 1991 Historical Approval Inventory | Y | 0 | 0 | 0 |
| WWIS | Water Well Information System | N | - | - | - |
| Total: | | | 0 | 69 | 69 |

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> |
|--------------------|-----------|--------------------------|----------------|-------------------|------------------------|------------------------|
|--------------------|-----------|--------------------------|----------------|-------------------|------------------------|------------------------|

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

Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist m</i> | <i>Elev diff m</i> | <i>Page Number</i> |
|-------------------|-----------|---|--|-------------------|--------------------|--------------------|
| 1 | CA | Aditya Birla Minacs Worldwide Inc. | 9515 Montrose Rd Niagara Falls ON | E/52.4 | 0.91 | 17 |
| 1 | CA | DAY-TIMERS OF CANADA LTD. | 9515 MONTROSE ROAD NIAGARA FALLS CITY ON | E/52.4 | 0.91 | 17 |
| 1 | GEN | BAZAAR & NOVELTY LTD | 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON | E/52.4 | 0.91 | 17 |
| 1 | GEN | JOY DISPLAYS 22-250 | 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | E/52.4 | 0.91 | 18 |
| 1 | GEN | JOY DISPLAYS | 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | E/52.4 | 0.91 | 18 |
| 1 | SCT | DAY-TIMERS OF CANADA LTD. | 9515 Montrose Rd Niagara Falls ON L2E 6X6 | E/52.4 | 0.91 | 18 |
| 1 | SCT | SANDT PRINTING COMPANY LTD | 9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6 | E/52.4 | 0.91 | 18 |
| 2 | CA | FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | NE/142.6 | 2.59 | 19 |
| 2 | CA | | 9127 Montrose Avenue Niagara Falls ON | NE/142.6 | 2.59 | 19 |
| 2 | CA | E.S. Fox Construction | 9127 Montrose Rd. Niagara Falls ON | NE/142.6 | 2.59 | 19 |
| 2 | CA | FORD MOTOR CO. OF CANADA | 9127 MONTROSE RD. NIAGARA FALLS CITY ON | NE/142.6 | 2.59 | 2 |
| 2 | CA | FORD MOTOR COMPANY OF CANADA (NIAGARA GL | 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | NE/142.6 | 2.59 | 20 |
| 2 | CA | E.S. Fox Limited | 9127 Montrose Rd Niagara Falls ON | NE/142.6 | 2.59 | 20 |
| 2 | CA | FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON | NE/142.6 | 2.59 | 21 |
| 2 | EBR | E.S. Fox Limited | 9127 Montrose Road Niagara Falls ON L2E 7J9 | NE/142.6 | 2.59 | 21 |
| 2 | EBR | E.S. Fox Enterprises Inc | 9127 Montrose Rd. Niagara Falls ON | NE/142.6 | 2.59 | 21 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist m | Elev diff m | Page Number |
|--------------------------|-----------|---|--|-------------------|--------------------|---------------------------|
| <u>2</u> | FSTH | E S FOX LTD | 9127 MONTROSE RD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>21</u> |
| <u>2</u> | FSTH | E S FOX LTD | 9127 MONTROSE RD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>22</u> |
| <u>2</u> | GEN | FORD (OUT OF BUS) 15-110 | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>22</u> |
| <u>2</u> | GEN | FORD (OUT OF BUS) MOTOR COMPANY | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>23</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>25</u> |
| <u>2</u> | GEN | FORD MOTOR COMPANY OF CANADA LTD. 15-110 | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>26</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | NE/142.6 | 2.59 | <u>27</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | NE/142.6 | 2.59 | <u>28</u> |
| <u>2</u> | GEN | FORD MOTOR CO. OF CANADA LTD. | NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>29</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>29</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | NE/142.6 | 2.59 | <u>30</u> |
| <u>2</u> | GEN | E.S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | NE/142.6 | 2.59 | <u>31</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>32</u> |
| <u>2</u> | GEN | E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>33</u> |
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Road Niagara Falls ON | NE/142.6 | 2.59 | <u>34</u> |
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | NE/142.6 | 2.59 | <u>34</u> |
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Road Niagara Falls ON | NE/142.6 | 2.59 | <u>35</u> |
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | NE/142.6 | 2.59 | <u>35</u> |
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | NE/142.6 | 2.59 | <u>35</u> |

| Map Key | DB | Company/Site Name | Address | Dir/Dist m | Elev diff m | Page Number |
|---------------------------|-----------|--|---|-------------------|--------------------|---------------------------|
| <u>2</u> | NCPL | E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | NE/142.6 | 2.59 | <u>36</u> |
| <u>2</u> | NPCB | FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>36</u> |
| <u>2</u> | NPCB | FORD MOTOR COMPANY OF CANADA | 9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>36</u> |
| <u>2</u> | OPCB | FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NE/142.6 | 2.59 | <u>37</u> |
| <u>2</u> | SCT | E.S. Fox Ltd. | 9127 Montrose Rd Niagara Falls ON L2E 6S5 | NE/142.6 | 2.59 | <u>37</u> |
| <u>2</u> | SRDS | FORD MOTOR COMPANY | NIAGARA FALLS ON | NE/142.6 | 2.59 | <u>38</u> |
| <u>3</u> | EHS | | 7047 Reixinger Road Niagara Falls ON | NW/209.7 | -0.91 | <u>38</u> |
| <u>4</u> | SPL | FORD MOTOR CO. OF CANADA LTD. | 9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | NE/191.5 | 3.37 | <u>38</u> |
| <u>4</u> | SPL | FORD MOTOR CO. OF CANADA LTD. | WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | NE/191.5 | 3.37 | <u>38</u> |
| <u>5</u> | SCT | DAY-TIMERS OF CANADA LTD | NIAGARA FALLS ON L2E 6X6 | E/62.3 | 0.64 | <u>39</u> |
| <u>6</u> | EHS | | Montrose Road And Lyons Creek Road Niagara Falls ON | SE/248.8 | 1.00 | <u>39</u> |
| <u>7</u> | OOGW | W. C. Patterson Gas Co. Ltd. | Crowland ON | WSW/230.9 | -3.00 | <u>39</u> |
| <u>8</u> | OOGW | W. C. Patterson Gas Co. Ltd. | Crowland ON | S/139.6 | 1.18 | <u>41</u> |
| <u>9</u> | CA | The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | ENE/79.8 | 0.00 | <u>44</u> |
| <u>9</u> | CA | The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | ENE/79.8 | 0.00 | <u>44</u> |
| <u>9</u> | CA | The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | ENE/79.8 | 0.00 | <u>44</u> |
| <u>9</u> | SPL | The Regional Municipality of Niagara | 9240 Montrose Rd Niagara Falls ON | ENE/79.8 | 0.00 | <u>45</u> |
| <u>10</u> | EHS | | 9514 Montrose Road Niagara Falls ON | E/95.0 | 2.97 | <u>45</u> |

| Map Key | DB | Company/Site Name | Address | Dir/Dist m | Elev diff m | Page Number |
|---------------------------|-----------|--|--|-------------------|--------------------|---------------------------|
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | E/95.0 | 2.97 | <u>45</u> |
| <u>10</u> | GEN | Crown Transportation Group Limited | 9514 Montrose Road Niagara Falls ON | E/95.0 | 2.97 | <u>45</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | E/95.0 | 2.97 | <u>46</u> |
| <u>10</u> | GEN | DONALD W MURRAY (MOVERS) 1981 LIMITED | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | E/95.0 | 2.97 | <u>46</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | E/95.0 | 2.97 | <u>46</u> |
| <u>10</u> | GEN | CROWN TRUCKING SERVICES | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | E/95.0 | 2.97 | <u>47</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | E/95.0 | 2.97 | <u>47</u> |
| <u>10</u> | GEN | MOTORWAYS TRANSPORT (OUT OF BUS.) | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | E/95.0 | 2.97 | <u>48</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | E/95.0 | 2.97 | <u>48</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | E/95.0 | 2.97 | <u>48</u> |
| <u>10</u> | GEN | DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | E/95.0 | 2.97 | <u>49</u> |
| <u>10</u> | GEN | MOTORWAYS TRANSPORT | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | E/95.0 | 2.97 | <u>49</u> |
| <u>10</u> | GEN | MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | E/95.0 | 2.97 | <u>50</u> |
| <u>10</u> | GEN | Crown Transportation Group Limited | 9514 Montrose Road Niagara Falls ON | E/95.0 | 2.97 | <u>50</u> |
| <u>10</u> | SPL | PRIVATE BUSINESS | 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON | E/95.0 | 2.97 | <u>50</u> |
| <u>11</u> | OOGW | W. C. Patterson Gas Co. Ltd. | Crowland ON | SSW/111.0 | 1.96 | <u>50</u> |

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 12 CA site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|---|--|--------------------------|--------------------------|
| Aditya Birla Minacs Worldwide Inc. | 9515 Montrose Rd Niagara Falls ON | 52.4 | <u>1</u> |
| DAY-TIMERS OF CANADA LTD. | 9515 MONTROSE ROAD NIAGARA FALLS CITY ON | 52.4 | <u>1</u> |
| FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | 142.6 | <u>2</u> |
| | 9127 Montrose Avenue Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Construction | 9127 Montrose Rd. Niagara Falls ON | 142.6 | <u>2</u> |
| FORD MOTOR CO. OF CANADA | 9127 MONTROSE RD. NIAGARA FALLS CITY ON | 142.6 | <u>2</u> |
| FORD MOTOR COMPANY OF CANADA (NIAGARA GL | 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | 142.6 | <u>2</u> |
| E.S. Fox Limited | 9127 Montrose Rd Niagara Falls ON | 142.6 | <u>2</u> |
| FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON | 142.6 | <u>2</u> |
| The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | 79.8 | <u>9</u> |
| The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | 79.8 | <u>9</u> |
| The Corporation of the City of Niagara Falls | 9240 Montrose Rd Niagara Falls ON | 79.8 | <u>9</u> |

EBR - Environmental Registry

A search of the EBR database, dated 1994-Sep 2015 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|--------------------------|--|--------------------------|--------------------------|
| E.S. Fox Limited | 9127 Montrose Road Niagara Falls ON L2E 7J9 | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc | 9127 Montrose Rd. Niagara Falls ON | 142.6 | <u>2</u> |

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|--------------------|--|--------------------------|---------------------------|
| | 7047 Reixinger Road Niagara Falls ON | 209.7 | <u>3</u> |
| | Montrose Road And Lyons Creek Road Niagara Falls ON | 248.8 | <u>6</u> |
| | 9514 Montrose Road Niagara Falls ON | 95.0 | <u>10</u> |

FSTH - Fuel Storage Tank - Historic

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

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|--------------------|--------------------------------------|--------------------------|--------------------------|
| E S FOX LTD | 9127 MONTROSE RD NIAGARA FALLS ON | 142.6 | <u>2</u> |
| E S FOX LTD | 9127 MONTROSE RD NIAGARA FALLS ON | 142.6 | <u>2</u> |

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-May 2015 has found that there are 29 GEN site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|-------------------------------|--|--------------------------|--------------------------|
| JOY DISPLAYS | 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | 52.4 | <u>1</u> |
| BAZAAR & NOVELTY LTD | 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON | 52.4 | <u>1</u> |
| JOY DISPLAYS 22-250 | 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | 52.4 | <u>1</u> |
| E.S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | 142.6 | <u>2</u> |
| FORD MOTOR CO. OF CANADA LTD. | NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD | 142.6 | <u>2</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|---|---|-------------------|---------------------------|
| | NIAGARA FALLS ON L2E 6X3 | | |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | 142.6 | <u>2</u> |
| FORD MOTOR COMPANY OF CANADA LTD. 15-110 | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |
| E. S. FOX LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON | 142.6 | <u>2</u> |
| FORD (OUT OF BUS) MOTOR COMPANY | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |
| FORD (OUT OF BUS) 15-110 | NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |
| DONALD W MURRAY (MOVERS) 1981 LIMITED | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | 95.0 | <u>10</u> |
| Crown Transportation Group Limited | 9514 Montrose Road Niagara Falls ON | 95.0 | <u>10</u> |
| Crown Transportation Group Limited | 9514 Montrose Road Niagara Falls ON | 95.0 | <u>10</u> |
| MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | 95.0 | <u>10</u> |
| MOTORWAYS TRANSPORT | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | 95.0 | <u>10</u> |
| MOTORWAYS TRANSPORT (OUT OF BUS.) | 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | 95.0 | <u>10</u> |
| CROWN TRUCKING SERVICES | 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | 95.0 | <u>10</u> |
| DONALD W. MURRAY MOVERS (1981) LTD | 9514 MONTROSE ROAD NIAGARA FALLS ON | 95.0 | <u>10</u> |

NCPL - Non-Compliance Reports

A search of the NCPL database, dated 1994-2012 has found that there are 6 NCPL site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|---------------------------|--|--------------------------|--------------------------|
| E.S. Fox Enterprises Inc. | 9127 Montrose Road Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc. | 9127 Montrose Ave Niagara Falls ON | 142.6 | <u>2</u> |
| E.S. Fox Enterprises Inc. | 9127 Montrose Road Niagara Falls ON | 142.6 | <u>2</u> |

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 2 NPCB site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|---------------------------------------|--|--------------------------|--------------------------|
| FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |
| FORD MOTOR COMPANY OF CANADA | 9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |

OOGW - Ontario Oil and Gas Wells

A search of the OOGW database, dated 1800-2013 has found that there are 3 OOGW site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|------------------------------|-----------------------|--------------------------|---------------------------|
| W. C. Patterson Gas Co. Ltd. | Crowland ON | 230.9 | <u>7</u> |
| W. C. Patterson Gas Co. Ltd. | Crowland ON | 139.6 | <u>8</u> |
| W. C. Patterson Gas Co. Ltd. | Crowland ON | 111.0 | <u>11</u> |

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 1 OPCB

site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|---------------------------------------|--|-------------------|--------------------------|
| FORD MOTOR COMPANY OF CANADA, LIMITED | 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | 142.6 | <u>2</u> |

SCT - Scott's Manufacturing Directory

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

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|----------------------------|--|-------------------|--------------------------|
| SANDT PRINTING COMPANY LTD | 9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6 | 52.4 | <u>1</u> |
| DAY-TIMERS OF CANADA LTD. | 9515 Montrose Rd Niagara Falls ON L2E 6X6 | 52.4 | <u>1</u> |
| E.S. Fox Ltd. | 9127 Montrose Rd Niagara Falls ON L2E 6S5 | 142.6 | <u>2</u> |
| DAY-TIMERS OF CANADA LTD | NIAGARA FALLS ON L2E 6X6 | 62.3 | <u>5</u> |

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2014 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|--------------------------------------|---|-------------------|---------------------------|
| FORD MOTOR CO. OF CANADA LTD. | 9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | 191.5 | <u>4</u> |
| FORD MOTOR CO. OF CANADA LTD. | WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | 191.5 | <u>4</u> |
| The Regional Municipality of Niagara | 9240 Montrose Rd Niagara Falls ON | 79.8 | <u>9</u> |
| PRIVATE BUSINESS | 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON | 95.0 | <u>10</u> |

SRDS - Wastewater Discharger Registration Database

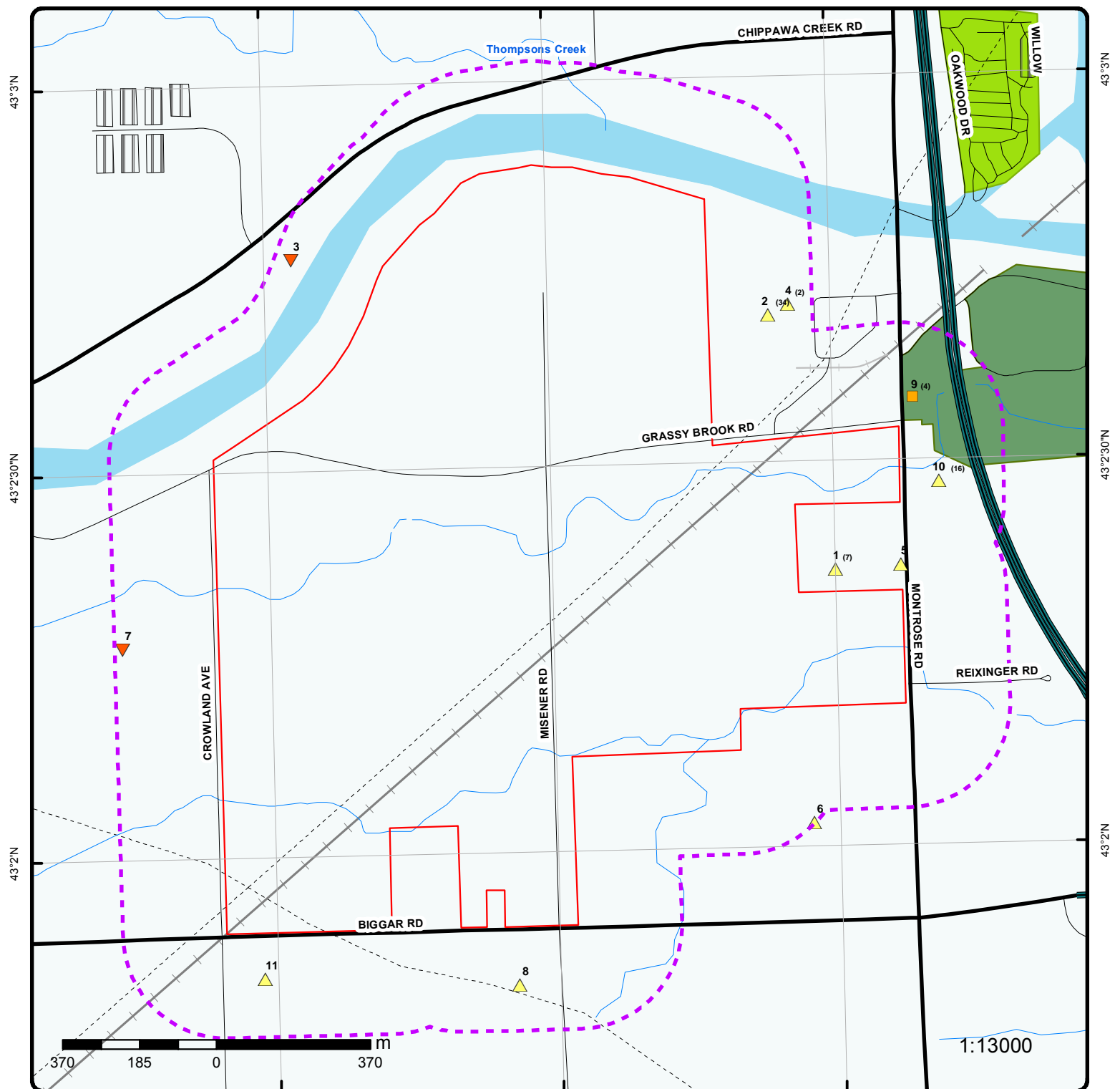
A search of the SRDS database, dated 1990-2011 has found that there are 1 SRDS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance m</u> | <u>Map Key</u> |
|--------------------|------------------|-------------------|--------------------------|
| FORD MOTOR COMPANY | NIAGARA FALLS ON | 142.6 | <u>2</u> |

79°8'30"W

79°8'W

79°7'30"W



Map

Order No: 20151029056

Address: n/a, Niagara Falls, ON

| | | | |
|-----------------------------------|----------------------|-----------------------------------|--------------------------------|
| Project Property | Expressway | Industrial and Resource - Regions | National Park |
| Buffer Outline | Principal Highway | Main Line | Provincial or Territorial Park |
| Eris Sites with Higher Elevation | Secondary Highway | Sidetrack | Other Park |
| Eris Sites with Same Elevation | Major Road | Transit Line | Golf Course or Driving Range |
| Eris Sites with Lower Elevation | Local road | Abandoned Line | Park or Sports Field |
| Eris Sites with Unknown Elevation | Trail | | Other Recreation Area |
| | Proposed Road | | |
| | Ferry Route/Ice Road | | |



Aerial

Order No: 20151029056

Address: n/a, Niagara Falls, ON

Source: ESRI World Imagery, Updated October 2014

© Ecolog ERIS Ltd

Detail Report

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|---|-------------------|--------------------------|----------------|--|-----|
| 1 | 1 of 7 | E/52.4 | 176.9 | Aditya Birla Minacs Worldwide Inc. 9515 Montrose Rd Niagara Falls ON | CA |
| Certificate #: 0502-7XUKPC Application Year: 2009 Issue Date: 11/25/2009 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: | | | | | |
| 1 | 2 of 7 | E/52.4 | 176.9 | DAY-TIMERS OF CANADA LTD. 9515 MONTROSE ROAD NIAGARA FALLS CITY ON | CA |
| Certificate #: 8-2014-93- Application Year: 93 Issue Date: 4/7/1993 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: (1) CLEAVER BROOKS GAS FIRED BOILER Contaminants: Nitrogen Oxides Emission Control: No Controls | | | | | |
| 1 | 3 of 7 | E/52.4 | 176.9 | BAZAAR & NOVELTY LTD 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON | GEN |
| Generator #: ON6873775 Approval Yrs: As of May 2015 SIC Code: SIC Description: --- Details --- Waste Code: 252 Waste Description: Waste crankcase oils and lubricants + | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--------------------------|----------------|--|---------------|
| Waste Code: 145 Waste Description: Wastes from the use of pigments, coatings and paints + Waste Code: 212 Waste Description: Aliphatic solvents and residues + Waste Code: 265 Waste Description: Graphic arts wastes | | | | | |
| <u>1</u> | 4 of 7 | E/52.4 | 176.9 | JOY DISPLAYS 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | 22-250 GEN |
| Generator #: ON0920300 Approval Yrs: 92,93,94,95,96,97,98 SIC Code: 1699 SIC Description: OTHER PLASTIC PROD. --- Details --- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| <u>1</u> | 5 of 7 | E/52.4 | 176.9 | JOY DISPLAYS 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2 | GEN |
| Generator #: ON0920300 Approval Yrs: 86,87,88,89,90 SIC Code: 0000 SIC Description: *** NOT DEFINED *** --- Details --- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| <u>1</u> | 6 of 7 | E/52.4 | 176.9 | DAY-TIMERS OF CANADA LTD. 9515 Montrose Rd Niagara Falls ON L2E 6X6 | SCT |
| Established: 1947 Plant Size (ft²): 0 Employment: 150 --- Details --- SIC/NAICS Code: 323119 Description: Other Printing + SIC/NAICS Code: 333310 Description: Commercial and Service Industry Machinery Manufacturing | | | | | |
| <u>1</u> | 7 of 7 | E/52.4 | 176.9 | SANDT PRINTING COMPANY LTD 9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6 | SCT |
| Established: 1966 Plant Size (ft²): Employment: 40 --- Details --- | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|---------------------------------|--------------------------|---|------------------------|---|-----------|
| SIC/NAICS Code: Description: | | 2752 COMMERCIAL PRINTING, LITHOGRAPHIC | | | |
| <u>2</u> | 1 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | CA |
| Certificate #: | | 8-2078-89- | | | |
| Application Year: | | 89 | | | |
| Issue Date: | | 10/27/1989 | | | |
| Approval Type: | | Industrial air | | | |
| Status: | | Approved | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | RELOC. OF SILK SCREEN CLEANING OPERATION | | | |
| Contaminants: | | Methane (Incl. Hydrocarbons Expr. As Ch4 | | | |
| Emission Control: | | No Controls | | | |
| <u>2</u> | 2 of 34 | NE/142.6 | 178.6 | 9127 Montrose Avenue Niagara Falls ON | CA |
| Certificate #: | | 4-058-77-786 | | | |
| Application Year: | | 00 | | | |
| Issue Date: | | 10/10/00 | | | |
| Approval Type: | | Municipal & Private sewage | | | |
| Status: | | Approved | | | |
| Application Type: | | Notice | | | |
| Client Name: | | E.S. Fox Enterprises Inc. | | | |
| Client Address: | | 9127 Montrose Rd. | | | |
| Client City: | | Niagara Falls | | | |
| Client Postal Code: | | L2E 5S6 | | | |
| Project Description: | | Addition of Phosphorous removal using Alum to an existing package sewage treatment plant. | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |
| <u>2</u> | 3 of 34 | NE/142.6 | 178.6 | E.S. Fox Construction 9127 Montrose Rd. Niagara Falls ON | CA |
| Certificate #: | | 0028-4LRSUX | | | |
| Application Year: | | 00 | | | |
| Issue Date: | | 7/17/00 | | | |
| Approval Type: | | Industrial air | | | |
| Status: | | Approved | | | |
| Application Type: | | New Certificate of Approval | | | |
| Client Name: | | E.S. Fox Enterprises Inc. | | | |
| Client Address: | | 9127 Montrose Rd. | | | |
| Client City: | | Niagara Falls | | | |
| Client Postal Code: | | L2E 5S6 | | | |
| Project Description: | | This application is for a certificate of approval for emissions to the atmosphere from a dust collector and associated duct work and hoods for a tool cleaning station. | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |

| | | |
|----|---|----------------------|
| 20 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | Order #: 20151029056 |
|----|---|----------------------|

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|----------------------|-------------------|---|----------------|--|------|
| 2 | 7 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON | CA |
| Certificate #: | | 8-2084-89-000 | | | |
| Application Year: | | 89 | | | |
| Issue Date: | | 4/26/89 | | | |
| Approval Type: | | Industrial air | | | |
| Status: | | Application Cancelled | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | SILK SCREEN CLEANING PROCESS | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |
| 2 | 8 of 34 | NE/142.6 | 178.6 | E.S. Fox Limited 9127 Montrose Road Niagara Falls ON L2E 7J9 | EBR |
| Year: | | 2015 | | | |
| EBR Registry No.: | | 012-4672 | | | |
| Ministry Ref. No.: | | 7256-9PNJ2W | | | |
| Type: | | Instrument Proposal | | | |
| Instrument Type: | | (EPA Part II.1-air) - Environmental Compliance Approval (project type: air) | | | |
| Proposal Date: | | July 17, 2015 | | | |
| Location: | | 9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS | | | |
| Proponent Address: | | 9127 Montrose Road, Niagara Falls Ontario, Canada L2E 7J9 | | | |
| 2 | 9 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc 9127 Montrose Rd. Niagara Falls ON | EBR |
| Year: | | 2000 | | | |
| EBR Registry No.: | | IA00E0797 | | | |
| Ministry Ref. No.: | | | | | |
| Type: | | Instrument | | | |
| Instrument Type: | | EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) | | | |
| Proposal Date: | | | | | |
| Location: | | 9127 Montrose Rd.,Niagara Falls, Ontario, L2E 5S6Niagara Falls | | | |
| Proponent Address: | | E.S. Fox Enterprises Inc.9127 Montrose Rd.,Niagara Falls, Ontario, L2E 5S6 | | | |
| 2 | 10 of 34 | NE/142.6 | 178.6 | E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON | FSTH |
| License Issue Date: | | 1/8/1999 | | | |
| Tank Status: | | Licensed | | | |
| Tank Status As Of: | | December 2008 | | | |
| Operation Type: | | Private Fuel Outlet | | | |
| Facility Type: | | Gasoline Station - Self Serve | | | |
| --- Details --- | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-----------------------|-------------------|--|----------------|---|-------------|
| Status: | | Active | | | |
| Capacity: | | 25000 | | | |
| Year of Installation: | | | | | |
| Corrosion Protection: | | | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall AST - Gasoline | | | |
| + | | | | | |
| Status: | | Active | | | |
| Capacity: | | 15000 | | | |
| Year of Installation: | | | | | |
| Corrosion Protection: | | | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall AST - Diesel | | | |
| 2 | 11 of 34 | NE/142.6 | 178.6 | E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON | FSTH |
| License Issue Date: | | 1/8/1999 | | | |
| Tank Status: | | Licensed | | | |
| Tank Status As Of: | | August 2007 | | | |
| Operation Type: | | Private Fuel Outlet | | | |
| Facility Type: | | Gasoline Station - Self Serve | | | |
| --- Details --- | | | | | |
| Status: | | Active | | | |
| Capacity: | | 25000 | | | |
| Year of Installation: | | | | | |
| Corrosion Protection: | | | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall AST - Gasoline | | | |
| + | | | | | |
| Status: | | Active | | | |
| Capacity: | | 15000 | | | |
| Year of Installation: | | | | | |
| Corrosion Protection: | | | | | |
| Tank Fuel Type: | | Liquid Fuel Single Wall AST - Diesel | | | |
| 2 | 12 of 34 | NE/142.6 | 178.6 | FORD (OUT OF BUS) 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | GEN |
| Generator #: | | ON0000205 | | | |
| Approval Yrs: | | 92,93,95,96,97 | | | |
| SIC Code: | | 3259 | | | |
| SIC Description: | | OTHER VEHICLE ACCES. | | | |
| --- Details --- | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| + | | | | | |
| Waste Code: | | 133 | | | |
| Waste Description: | | BRINES, CHLOR-ALKALI WASTES | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|--------------------------------|----------------|------|----|
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| + | | | | | |
| Waste Code: | | 222 | | | |
| Waste Description: | | HEAVY FUELS | | | |
| + | | | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | POLYMERIC RESINS | | | |
| + | | | | | |
| Waste Code: | | 233 | | | |
| Waste Description: | | OTHER POLYMERIC WASTES | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 243 | | | |
| Waste Description: | | PCB'S | | | |
| + | | | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | EMULSIFIED OILS | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 267 | | | |
| Waste Description: | | ORGANIC ACIDS | | | |
| + | | | | | |
| Waste Code: | | 270 | | | |
| Waste Description: | | OTHER SPECIFIED ORGANICS | | | |
| + | | | | | |
| Waste Code: | | 312 | | | |
| Waste Description: | | PATHOLOGICAL WASTES | | | |

| | | | | | |
|-------------------|----------|----------|-------|--|-----|
| 2 | 13 of 34 | NE/142.6 | 178.6 | FORD (OUT OF BUS) MOTOR COMPANY NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | GEN |
|-------------------|----------|----------|-------|--|-----|

| | |
|------------------|----------------------|
| Generator #: | ON0000205 |
| Approval Yrs: | 98 |
| SIC Code: | 3259 |
| SIC Description: | OTHER VEHICLE ACCES. |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|--------------------------------|----------------------------------|------------------------|-------------|-----------|
| --- Details --- | | | | | |
| Waste Code: | 112 | | | | |
| Waste Description: | ACID WASTE - HEAVY METALS | | | | |
| + | | | | | |
| Waste Code: | 122 | | | | |
| Waste Description: | ALKALINE WASTES - OTHER METALS | | | | |
| + | | | | | |
| Waste Code: | 133 | | | | |
| Waste Description: | BRINES, CHLOR-ALKALI WASTES | | | | |
| + | | | | | |
| Waste Code: | 145 | | | | |
| Waste Description: | PAINT/PIGMENT/COATING RESIDUES | | | | |
| + | | | | | |
| Waste Code: | 146 | | | | |
| Waste Description: | OTHER SPECIFIED INORGANICS | | | | |
| + | | | | | |
| Waste Code: | 148 | | | | |
| Waste Description: | INORGANIC LABORATORY CHEMICALS | | | | |
| + | | | | | |
| Waste Code: | 212 | | | | |
| Waste Description: | ALIPHATIC SOLVENTS | | | | |
| + | | | | | |
| Waste Code: | 213 | | | | |
| Waste Description: | PETROLEUM DISTILLATES | | | | |
| + | | | | | |
| Waste Code: | 221 | | | | |
| Waste Description: | LIGHT FUELS | | | | |
| + | | | | | |
| Waste Code: | 222 | | | | |
| Waste Description: | HEAVY FUELS | | | | |
| + | | | | | |
| Waste Code: | 232 | | | | |
| Waste Description: | POLYMERIC RESINS | | | | |
| + | | | | | |
| Waste Code: | 233 | | | | |
| Waste Description: | OTHER POLYMERIC WASTES | | | | |
| + | | | | | |
| Waste Code: | 241 | | | | |
| Waste Description: | HALOGENATED SOLVENTS | | | | |
| + | | | | | |
| Waste Code: | 243 | | | | |
| Waste Description: | PCB'S | | | | |
| + | | | | | |
| Waste Code: | 251 | | | | |
| Waste Description: | OIL SKIMMINGS & SLUDGES | | | | |
| + | | | | | |
| Waste Code: | 252 | | | | |
| Waste Description: | WASTE OILS & LUBRICANTS | | | | |
| + | | | | | |
| Waste Code: | 253 | | | | |
| Waste Description: | EMULSIFIED OILS | | | | |
| + | | | | | |
| Waste Code: | 262 | | | | |
| Waste Description: | DETERGENTS/SOAPS | | | | |
| + | | | | | |
| Waste Code: | 263 | | | | |
| Waste Description: | ORGANIC LABORATORY CHEMICALS | | | | |
| + | | | | | |
| Waste Code: | 267 | | | | |
| Waste Description: | ORGANIC ACIDS | | | | |
| + | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|--------------------------|----------------|------|----|
| Waste Code: | | 270 | | | |
| Waste Description: | | OTHER SPECIFIED ORGANICS | | | |
| + | | | | | |
| Waste Code: | | 312 | | | |
| Waste Description: | | PATHOLOGICAL WASTES | | | |

| | | | | | |
|-------------------|----------|----------|-------|---|-----|
| 2 | 14 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON | GEN |
|-------------------|----------|----------|-------|---|-----|

Generator #: ON0214904
 Approval Yrs: 2011
 SIC Code: 238990
 SIC Description: All Other Specialty Trade Contractors

--- Details ---

Waste Code: 221
 Waste Description: LIGHT FUELS
 +
 Waste Code: 231
 Waste Description: LATEX WASTES
 +
 Waste Code: 252
 Waste Description: WASTE OILS & LUBRICANTS
 +
 Waste Code: 212
 Waste Description: ALIPHATIC SOLVENTS
 +
 Waste Code: 253
 Waste Description: EMULSIFIED OILS
 +
 Waste Code: 148
 Waste Description: INORGANIC LABORATORY CHEMICALS
 +
 Waste Code: 146
 Waste Description: OTHER SPECIFIED INORGANICS
 +
 Waste Code: 263
 Waste Description: ORGANIC LABORATORY CHEMICALS
 +
 Waste Code: 331
 Waste Description: WASTE COMPRESSED GASES
 +
 Waste Code: 262
 Waste Description: DETERGENTS/SOAPS
 +
 Waste Code: 112
 Waste Description: ACID WASTE - HEAVY METALS
 +
 Waste Code: 268
 Waste Description: AMINES
 +
 Waste Code: 122
 Waste Description: ALKALINE WASTES - OTHER METALS
 +
 Waste Code: 150
 Waste Description: INERT INORGANIC WASTES
 +
 Waste Code: 232
 Waste Description: POLYMERIC RESINS
 +

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|--------------------------------|----------------|---|-----|
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| <u>2</u> | 15 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA LTD. 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | GEN |
| Generator #: | | ON0000205 | | | |
| Approval Yrs: | | 94 | | | |
| SIC Code: | | 3259 | | | |
| SIC Description: | | OTHER VEHICLE ACCES. | | | |
| --- Details --- | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| + | | | | | |
| Waste Code: | | 133 | | | |
| Waste Description: | | BRINES, CHLOR-ALKALI WASTES | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| + | | | | | |
| Waste Code: | | 222 | | | |
| Waste Description: | | HEAVY FUELS | | | |
| + | | | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | POLYMERIC RESINS | | | |
| + | | | | | |
| Waste Code: | | 233 | | | |
| Waste Description: | | OTHER POLYMERIC WASTES | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 243 | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|------------------------------|----------------------------------|------------------------|-------------|-----------|
| Waste Description: | | PCB'S | | | |
| + | | | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | EMULSIFIED OILS | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 267 | | | |
| Waste Description: | | ORGANIC ACIDS | | | |
| + | | | | | |
| Waste Code: | | 270 | | | |
| Waste Description: | | OTHER SPECIFIED ORGANICS | | | |
| + | | | | | |
| Waste Code: | | 312 | | | |
| Waste Description: | | PATHOLOGICAL WASTES | | | |

| | | | | | |
|-------------------|-----------------|-----------------|--------------|--|------------|
| 2 | 16 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | GEN |
|-------------------|-----------------|-----------------|--------------|--|------------|

| | |
|------------------|---------------------------------------|
| Generator #: | ON0214904 |
| Approval Yrs: | 2012 |
| SIC Code: | 238990 |
| SIC Description: | All Other Specialty Trade Contractors |

--- Details ---

| | |
|--------------------|------------------------------|
| Waste Code: | 263 |
| Waste Description: | ORGANIC LABORATORY CHEMICALS |
| + | |
| Waste Code: | 150 |
| Waste Description: | INERT INORGANIC WASTES |
| + | |
| Waste Code: | 232 |
| Waste Description: | POLYMERIC RESINS |
| + | |
| Waste Code: | 253 |
| Waste Description: | EMULSIFIED OILS |
| + | |
| Waste Code: | 213 |
| Waste Description: | PETROLEUM DISTILLATES |
| + | |
| Waste Code: | 262 |
| Waste Description: | DETERGENTS/SOAPS |
| + | |
| Waste Code: | 231 |
| Waste Description: | LATEX WASTES |
| + | |
| Waste Code: | 146 |
| Waste Description: | OTHER SPECIFIED INORGANICS |
| + | |
| Waste Code: | 241 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|--------------------------------|----------------|------|----|
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |

| | | | | | |
|--------------------|----------|----------------------------------|-------|---|-----|
| 2 | 17 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | GEN |
| Generator #: | | ON0214904 | | | |
| Approval Yrs: | | 98,99,00,01,02,03,04,05,06,07,08 | | | |
| SIC Code: | | 4244 | | | |
| SIC Description: | | SHEET METAL & DUCT. | | | |
| --- Details --- | | | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| + | | | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| + | | | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| + | | | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|---|--------------------------|----------------|---|----------------------|
| <div> Waste Description: ALKALINE WASTES - OTHER METALS + Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES + Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS + Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS + Waste Code: 221 Waste Description: LIGHT FUELS + Waste Code: 232 Waste Description: POLYMERIC RESINS + Waste Code: 241 Waste Description: HALOGENATED SOLVENTS + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS + Waste Code: 253 Waste Description: EMULSIFIED OILS + Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS </div> | | | | | |
| 2 | 18 of 34 | NE/142.6 | 178.6 | FORD MOTOR CO. OF CANADA LTD. NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | GEN |
| <div> Generator #: ON0000205 Approval Yrs: 86,87,88,89,90 SIC Code: 3259 SIC Description: OTHER VEHICLE ACCES. --- Details --- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES + Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 232 Waste Description: POLYMERIC RESINS + Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES </div> | | | | | |
| 2 | 19 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON | GEN |
| <div> Generator #: ON0214904 Approval Yrs: 2013 SIC Code: 238990 SIC Description: ALL OTHER SPECIALTY TRADE CONTRACTORS </div> | | | | | |
| 29 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | | | | Order #: 20151029056 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|--------------------------------|----------------|------|----|
| --- Details --- | | | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| + | | | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | EMULSIFIED OILS | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| + | | | | | |
| Waste Code: | | 150 | | | |
| Waste Description: | | INERT INORGANIC WASTES | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| + | | | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| + | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | ACID WASTE - HEAVY METALS | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 231 | | | |
| Waste Description: | | LATEX WASTES | | | |
| + | | | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | POLYMERIC RESINS | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |

| | | | | | |
|-------------------|----------|----------|-------|---|-----|
| 2 | 20 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | GEN |
|-------------------|----------|----------|-------|---|-----|

Generator #: ON0214904

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|--|--|----------------|--|----------------------|
| Approval Yrs: | | As of May 2015 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| --- Details --- | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | Aliphatic solvents and residues | | | |
| + | | | | | |
| Waste Code: | | 331 | | | |
| Waste Description: | | Waste compressed gases including cylinders | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | Halogenated solvents and residues | | | |
| + | | | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | Amines | | | |
| + | | | | | |
| Waste Code: | | 150 | | | |
| Waste Description: | | Inert organic wastes | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | Misc. waste organic chemicals | | | |
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | Misc. wastes and inorganic chemicals | | | |
| + | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | Alkaline slutions - containing other metals and non-metals (not cyanide) | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | Wastes from the use of pigments, coatings and paints | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | Waste crankcase oils and lubricants | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | Detergents and soaps | | | |
| + | | | | | |
| Waste Code: | | 231 | | | |
| Waste Description: | | Latex wastes | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | Light fuels | | | |
| + | | | | | |
| Waste Code: | | 112 | | | |
| Waste Description: | | Acid solutions - containing heavy metals | | | |
| 2 | 21 of 34 | NE/142.6 | 178.6 | E.S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5 | GEN |
| Generator #: | | ON0214904 | | | |
| Approval Yrs: | | 96,97 | | | |
| SIC Code: | | 4244 | | | |
| SIC Description: | | SHEET METAL & DUCT. | | | |
| --- Details --- | | | | | |
| Waste Code: | | 122 | | | |
| Waste Description: | | ALKALINE WASTES - OTHER METALS | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| 31 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | | | | Order #: 20151029056 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|------------------------------|----------------------------------|------------------------|-------------|-----------|
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 148 | | | |
| Waste Description: | | INORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| + | | | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | POLYMERIC RESINS | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 253 | | | |
| Waste Description: | | EMULSIFIED OILS | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |

| | | | | | |
|----------|----------|----------|-------|--|-----|
| <u>2</u> | 22 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON | GEN |
|----------|----------|----------|-------|--|-----|

| | |
|------------------|---------------------------------------|
| Generator #: | ON0214904 |
| Approval Yrs: | 2010 |
| SIC Code: | 238990 |
| SIC Description: | All Other Specialty Trade Contractors |

--- Details ---

| | |
|--------------------|--------------------------------|
| Waste Code: | 231 |
| Waste Description: | LATEX WASTES |
| + | |
| Waste Code: | 212 |
| Waste Description: | ALIPHATIC SOLVENTS |
| + | |
| Waste Code: | 112 |
| Waste Description: | ACID WASTE - HEAVY METALS |
| + | |
| Waste Code: | 122 |
| Waste Description: | ALKALINE WASTES - OTHER METALS |
| + | |
| Waste Code: | 148 |
| Waste Description: | INORGANIC LABORATORY CHEMICALS |
| + | |
| Waste Code: | 253 |
| Waste Description: | EMULSIFIED OILS |
| + | |
| Waste Code: | 221 |
| Waste Description: | LIGHT FUELS |
| + | |
| Waste Code: | 145 |
| Waste Description: | PAINT/PIGMENT/COATING RESIDUES |
| + | |
| Waste Code: | 331 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|------------------------------|----------------|------|----|
| Waste Description: | | WASTE COMPRESSED GASES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 150 | | | |
| Waste Description: | | INERT INORGANIC WASTES | | | |
| + | | | | | |
| Waste Code: | | 146 | | | |
| Waste Description: | | OTHER SPECIFIED INORGANICS | | | |
| + | | | | | |
| Waste Code: | | 268 | | | |
| Waste Description: | | AMINES | | | |
| + | | | | | |
| Waste Code: | | 232 | | | |
| Waste Description: | | POLYMERIC RESINS | | | |
| + | | | | | |
| Waste Code: | | 262 | | | |
| Waste Description: | | DETERGENTS/SOAPS | | | |
| + | | | | | |
| Waste Code: | | 241 | | | |
| Waste Description: | | HALOGENATED SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 263 | | | |
| Waste Description: | | ORGANIC LABORATORY CHEMICALS | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |

| | | | | | |
|-------------------|----------|----------|-------|---|-----|
| 2 | 23 of 34 | NE/142.6 | 178.6 | E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON | GEN |
|-------------------|----------|----------|-------|---|-----|

| | |
|------------------|---------------------------------------|
| Generator #: | ON0214904 |
| Approval Yrs: | 2009 |
| SIC Code: | 238990 |
| SIC Description: | All Other Specialty Trade Contractors |

--- Details ---

| | |
|--------------------|--------------------------------|
| Waste Code: | 112 |
| Waste Description: | ACID WASTE - HEAVY METALS |
| + | |
| Waste Code: | 122 |
| Waste Description: | ALKALINE WASTES - OTHER METALS |
| + | |
| Waste Code: | 145 |
| Waste Description: | PAINT/PIGMENT/COATING RESIDUES |
| + | |
| Waste Code: | 146 |
| Waste Description: | OTHER SPECIFIED INORGANICS |
| + | |
| Waste Code: | 148 |
| Waste Description: | INORGANIC LABORATORY CHEMICALS |
| + | |
| Waste Code: | 150 |
| Waste Description: | INERT INORGANIC WASTES |
| + | |
| Waste Code: | 212 |
| Waste Description: | ALIPHATIC SOLVENTS |
| + | |
| Waste Code: | 213 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|---|--|--------------------------|----------------|---|----------------------|
| <div> <div>Waste Description:</div> <div>PETROLEUM DISTILLATES</div> <div>+</div> <div>Waste Code:</div> <div>221</div> <div>Waste Description:</div> <div>LIGHT FUELS</div> <div>+</div> <div>Waste Code:</div> <div>232</div> <div>Waste Description:</div> <div>POLYMERIC RESINS</div> <div>+</div> <div>Waste Code:</div> <div>241</div> <div>Waste Description:</div> <div>HALOGENATED SOLVENTS</div> <div>+</div> <div>Waste Code:</div> <div>252</div> <div>Waste Description:</div> <div>WASTE OILS & LUBRICANTS</div> <div>+</div> <div>Waste Code:</div> <div>253</div> <div>Waste Description:</div> <div>EMULSIFIED OILS</div> <div>+</div> <div>Waste Code:</div> <div>262</div> <div>Waste Description:</div> <div>DETERGENTS/SOAPS</div> <div>+</div> <div>Waste Code:</div> <div>263</div> <div>Waste Description:</div> <div>ORGANIC LABORATORY CHEMICALS</div> <div>+</div> <div>Waste Code:</div> <div>268</div> <div>Waste Description:</div> <div>AMINES</div> <div>+</div> <div>Waste Code:</div> <div>331</div> <div>Waste Description:</div> <div>WASTE COMPRESSED GASES</div> </div> | | | | | |
| 2 | 24 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Road Niagara Falls ON | NCPL |
| <div> <div>Year:</div> <div>2003</div> <div>Discharge Type:</div> <div>Industrial Sewage</div> <div>Sector:</div> <div>Miscellaneous</div> <div>Type of Concern:</div> <div>C of A Non-Compliance</div> <div>Contaminant:</div> <div>Total Suspended Solids</div> <div>Status Report:</div> <div></div> <div>--- Details ---</div> <div>Incident Date:</div> <div>8/14/2003</div> <div>Limit/Unit/ Freq:</div> <div>25 mg/L /annum</div> <div>Quantity Min/Max:</div> <div>32/</div> <div>Facility Action:</div> <div>Other</div> <div>Ministry Action:</div> <div>Assessment Complete - No Further Action Required</div> </div> | | | | | |
| 2 | 25 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON | NCPL |
| <div> <div>Year:</div> <div>2007</div> <div>Discharge Type:</div> <div>Municipal Private Sewage</div> <div>Sector:</div> <div>Miscellaneous</div> <div>Type of Concern:</div> <div>C of A/Permit Non-Compliance</div> <div>Contaminant:</div> <div>SUSPENDED SOLIDS</div> <div>Status Report:</div> <div></div> <div>--- Details ---</div> <div>Incident Date:</div> <div>12/31/2007</div> </div> | | | | | |
| 34 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | | | | Order #: 20151029056 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--|----------------|---|------|
| Limit/Unit/ Freq: Quantity Min/Max: Facility Action: Ministry Action: | | 25 mg/L 125.2/125.2 Ceased Operations Other Abatement Action Taken | | | |
| 2 | 26 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Road Niagara Falls ON | NCPL |
| Year: Discharge Type: Sector: Type of Concern: Contaminant: Status Report: | | 2003 Industrial Sewage Miscellaneous C of A Non-Compliance Phosphorus | | | |
| --- Details --- | | | | | |
| Incident Date: Limit/Unit/ Freq: Quantity Min/Max: Facility Action: Ministry Action: | | 8/14/2003 1 mg/L /annum 1.07/ Other Assessment Complete - No Further Action Required | | | |
| 2 | 27 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON | NCPL |
| Year: Discharge Type: Sector: Type of Concern: Contaminant: Status Report: | | 2008 Private Sewage Miscellaneous Communal CofA/Permit Non-Compliance PHOSPHORUS | | | |
| --- Details --- | | | | | |
| Incident Date: Limit/Unit/ Freq: Quantity Min/Max: Facility Action: Ministry Action: | | 2/29/2008 1 mg/L 1.3/3.88 Ceased Operations Other Abatement Action Taken | | | |
| 2 | 28 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON | NCPL |
| Year: Discharge Type: Sector: Type of Concern: Contaminant: Status Report: | | 2007 Municipal Private Sewage Miscellaneous C of A/Permit Non-Compliance PHOSPHORUS | | | |
| --- Details --- | | | | | |
| Incident Date: Limit/Unit/ Freq: Quantity Min/Max: Facility Action: Ministry Action: | | 12/31/2007 1 mg/L 1.3/3.88 Ceased Operations Other Abatement Action Taken | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--------------------------|----------------|--|------|
| 2 | 29 of 34 | NE/142.6 | 178.6 | E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON | NCPL |
| Year: 2007 Discharge Type: Municipal Private Sewage Sector: Miscellaneous Type of Concern: C of A/Permit Non-Compliance Contaminant: LOW PH EFFLUENT Status Report: | | | | | |
| --- Details --- | | | | | |
| Incident Date: 1/1/2007 Limit/Unit/ Freq: 6 pH Quantity Min/Max: 0/5.1 Facility Action: Ceased Operations Ministry Action: Other Abatement Action Taken | | | | | |
| 2 | 30 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | NPCB |
| Company Code: F0597 Transaction Date: 1/29/1996 Inspection Date: Industry: Site Status: | | | | | |
| --- Details --- | | | | | |
| Label: No. of Items: Contents: 0.00 KG Serial No.: Item/State: Status: Stored for Disposal PCB Type/Code: Askarel Location: Manufacturer: | | | | | |
| + | | | | | |
| Label: No. of Items: Contents: 159.00 KG Serial No.: Item/State: Status: Stored for Disposal PCB Type/Code: Askarel Location: Manufacturer: | | | | | |
| 2 | 31 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA 9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3 | NPCB |
| Company Code: O0300A Transaction Date: 9/7/1990 Inspection Date: 9/15/1989 Industry: Site Status: | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|------------------------------|-------------------|---|----------------|--|-------------|
| 2 | 32 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3 | OPCB |
| Year: | | 1995 | | | |
| Site Number: | | 20392A043 | | | |
| Name Owner: | | | | | |
| Additional Site Information: | | | | | |
| --- Details --- | | | | | |
| Quantity: | | 6.00 | | | |
| Address Site: | | | | | |
| Name Owner: | | | | | |
| Description: | | Number of Drums of Ballasts with High Level PCBs (>1000 ppm) | | | |
| + | | | | | |
| Quantity: | | 1200.00 | | | |
| Address Site: | | | | | |
| Name Owner: | | | | | |
| Description: | | Weight of Drums of Ballasts with High Level PCBs (>1000 ppm) kg | | | |
| + | | | | | |
| Quantity: | | 20.00 | | | |
| Address Site: | | | | | |
| Name Owner: | | | | | |
| Description: | | Number of Capacitors with High Level PCBs (>1000 ppm) | | | |
| + | | | | | |
| Quantity: | | 1.00 | | | |
| Address Site: | | | | | |
| Name Owner: | | | | | |
| Description: | | Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg | | | |
| + | | | | | |
| Quantity: | | 150.00 | | | |
| Address Site: | | | | | |
| Name Owner: | | | | | |
| Description: | | Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg | | | |
| 2 | 33 of 34 | NE/142.6 | 178.6 | E.S. Fox Ltd. 9127 Montrose Rd Niagara Falls ON L2E 6S5 | SCT |
| Established: | | 01-AUG-34 | | | |
| Plant Size (ft²): | | | | | |
| Employment: | | | | | |
| --- Details --- | | | | | |
| SIC/NAICS Code: | | 332319 | | | |
| Description: | | Other Plate Work and Fabricated Structural Product Manufacturing | | | |
| + | | | | | |
| SIC/NAICS Code: | | 236210 | | | |
| Description: | | Industrial Building and Structure Construction | | | |
| + | | | | | |
| SIC/NAICS Code: | | 333130 | | | |
| Description: | | Mining and Oil and Gas Field Machinery Manufacturing | | | |
| + | | | | | |
| SIC/NAICS Code: | | 332329 | | | |
| Description: | | Other Ornamental and Architectural Metal Product Manufacturing | | | |
| + | | | | | |
| SIC/NAICS Code: | | 541330 | | | |
| Description: | | Engineering Services | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|---|--------------------------|----------------|--|----------------------|
| + SIC/NAICS Code: 332420 Description: Metal Tank (Heavy Gauge) Manufacturing | | | | | |
| 2 | 34 of 34 | NE/142.6 | 178.6 | FORD MOTOR COMPANY NIAGARA FALLS ON | SRDS |
| Year: 1990-1994 Works Id: Company Code: 0000020503 SIC: 325 SIC Desc: Sector: INDUSTRIAL MINERALS; METAL CASTING Region: District: Body of Water: Terminal Stream: Minor Basin: Major Basin: Mailing Address: NIAGARA FALLS Corp Address: | | | | | |
| 3 | 1 of 1 | NW/209.7 | 175.1 | 7047 Reixinger Road Niagara Falls ON | EHS |
| Order No.: 20120906019 Report Date: 14-SEP-12 Report Type: Custom Report Search Radius (km): .25 Addit. Info Ordered: | | | | | |
| 4 | 1 of 2 | NE/191.5 | 179.4 | FORD MOTOR CO. OF CANADA LTD. 9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | SPL |
| Ref No.: 85695 Incident Dt: 5/17/1993 MOE Reported Dt: 5/17/1993 Contaminant Name: Contaminant Quantity: Incident Summary: FORD: OIL SHEEN TO RIVER.SUSPECT SOMEONE DUMPED 10 LTR TO DRAIN IN ERROR. Incident Cause: OTHER CAUSE (N.O.S.) Incident Reason: INTENTIONAL/PLANNED Nature of Impact: Water course or lake Receiving Medium: WATER Environmental Impact: POSSIBLE | | | | | |
| 4 | 2 of 2 | NE/191.5 | 179.4 | FORD MOTOR CO. OF CANADA LTD. WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON | SPL |
| Ref No.: 4524 Incident Dt: 5/31/1988 | | | | | |
| 38 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | | | | Order #: 20151029056 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--------------------------|----------------|--|------|
| MOE Reported Dt: 5/31/1988 Contaminant Name: Contaminant Quantity: Incident Summary: FORD GLASS - OILY WASH WATER TO WELLAND RIVER WHEN SUMP PUMP FAILED. Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE Incident Reason: EQUIPMENT FAILURE Nature of Impact: Receiving Medium: WATER Environmental Impact: | | | | | |
| 5 | 1 of 1 | E/62.3 | 176.6 | DAY-TIMERS OF CANADA LTD NIAGARA FALLS ON L2E 6X6 | SCT |
| Established: 1947 Plant Size (ft²): 0 Employment: 150 --- Details --- SIC/NAICS Code: 2782 Description: BLANKBOOKS, LOOSELEAF BINDERS AND DEVICES | | | | | |
| 6 | 1 of 1 | SE/248.8 | 177.0 | Montrose Road And Lyons Creek Road Niagara Falls ON | EHS |
| Order No.: 20121002031 Report Date: 12-OCT-12 Report Type: Custom Report Search Radius (km): .9 Addit. Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory | | | | | |
| 7 | 1 of 1 | WSW/230.9 | 173.0 | W. C. Patterson Gas Co. Ltd. Crowland ON | OOGW |
| County: Welland Longitude: -79.14611111 Latitude: 43.037895 Licence#: F014144 Permit Date: Depth(m): 141.43 Depth Reached: 20-AUG-48 Capped Date: Well Name: W.C. Patterson C.A. Biggar #2 Block: Lot: 5 Conc.: ABF Classification: Description: Status As Of: December 2013 Well Status Mode: Unknown Description: Well Status Type: Natural Gas Well Description: A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR Target: SILURIAN Description: TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE) | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|------------------------------|----------------------------------|------------------------|----------------------|----------------|
| --- Details --- | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 31.39 / 110.03 |
| Type of Water: | n/a | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 1.22 / 140.21 |
| Type of Water: | n/a | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 8.84 / 132.59 |
| Type of Water: | n/a | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 16.15 / 125.27 |
| Type of Water: | n/a | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 60.35 / 81.08 |
| Type of Water: | n/a | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 108.81 / 32.61 |
| Type of Water: | n/a | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 111.86 / 29.57 |
| Type of Water: | n/a | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 111.83 / 29.6 |
| Type of Water: | n/a | | | Geology Formation: | A-2 Carbonate |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 0 |
| Type of Water: | Fresh | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 12.8 |
| Type of Water: | Fresh | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 21.95 |
| Type of Water: | Sulphur | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 29.26 |
| Type of Water: | Sulphur | | | Geology Formation: | Drift |
| + | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|--------------------------|----------------------------------|------------------------|----------------------|----------------|
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 31.39 / 110.03 |
| Type of Water: | | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 1.22 / 140.21 |
| Type of Water: | | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 111.86 / 29.57 |
| Type of Water: | | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 111.83 / 29.6 |
| Type of Water: | | | | Geology Formation: | A-2 Carbonate |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 108.83 / 32.6 |
| Type of Water: | | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 60.35 / 81.08 |
| Type of Water: | | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 42.06 / 99.36 |
| Type of Water: | | | | Geology Formation: | Irondequoit |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 16.15 / 125.27 |
| Type of Water: | | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 8.84 / 132.59 |
| Type of Water: | | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 42.06 / 99.36 |
| Type of Water: | n/a | | | Geology Formation: | Irondequoit |

8 **1 of 1** **S/139.6** **177.2** **W. C. Patterson Gas Co. Ltd.** **OOGW**

Crowland ON

County: Welland
Longitude: -79.13461694
Latitude: 43.03047361
Licence#: F014190
Permit Date:
Depth(m): 153.92
Depth Reached: 19-MAY-48

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|----------------------|--|----------------|----------------------|----------------|
| Capped Date: | | 19-MAY-48 | | | |
| Well Name: | | W. C. Patterson Gas Co. A & E Woodgate | | | |
| Block: | | | | | |
| Lot: | | 3 | | | |
| Conc.: | | 1 | | | |
| Classification: | | | | | |
| Description: | | | | | |
| Status As Of: | | December 2013 | | | |
| Well Status Mode: | | Abandoned Well | | | |
| Description: | | A WELL WHICH IS OFFICIALLY PLUGGED AND ABANDONED | | | |
| Well Status Type: | | Dry Hole | | | |
| Description: | | A WELL CLASSED AS EXPLORATORY OR DEVELOPMENT IN WHICH NO HYDROCARBONS HAVE BEEN ENCOUNTERED | | | |
| Target: | | | | | |
| Description: | | | | | |
| --- Details --- | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 42.06 / 111.86 |
| Type of Water: | n/a | | | Geology Formation: | Irondequoit |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 1.22 / 152.7 |
| Type of Water: | n/a | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 6.4 / 147.52 |
| Type of Water: | n/a | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 30.78 / 123.14 |
| Type of Water: | n/a | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 57.3 / 96.62 |
| Type of Water: | n/a | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 117.35 / 36.58 |
| Type of Water: | n/a | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 132.59 / 21.34 |
| Type of Water: | n/a | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 12.19 |
| Type of Water: | Fresh | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 0 | | | Elevation / Top (m): | n/a / 20.73 |
| Type of Water: | Sulphur | | | Geology Formation: | A-2 Carbonate |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|------------------------------|----------------------------------|------------------------|----------------------|----------------|
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 6.4 | | | Elevation / Top (m): | n/a / 12.12 |
| Type of Water: | Fresh | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 57.3 / 96.62 |
| Type of Water: | | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 1.22 / 152.7 |
| Type of Water: | | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 6.4 / 147.52 |
| Type of Water: | | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 15.54 / 138.38 |
| Type of Water: | | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 42.06 / 111.86 |
| Type of Water: | | | | Geology Formation: | Irondequoit |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 117.34 / 36.58 |
| Type of Water: | | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 132.58 / 21.34 |
| Type of Water: | | | | Geology Formation: | B Anhydrite |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 132.59 / 21.34 |
| Type of Water: | | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 30.78 / 123.14 |
| Type of Water: | | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 15.54 / 138.38 |
| Type of Water: | n/a | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 132.59 / 21.34 |
| Type of Water: | n/a | | | Geology Formation: | B Anhydrite |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|----------------------|-------------------|------------------------------------|----------------|--|----|
| 9 | 1 of 4 | ENE/79.8 | 176.0 | The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON | CA |
| Certificate #: | | 7765-6XGS37 | | | |
| Application Year: | | 2007 | | | |
| Issue Date: | | 3/1/2007 | | | |
| Approval Type: | | Municipal and Private Sewage Works | | | |
| Status: | | Revoked and/or Replaced | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |
| 9 | 2 of 4 | ENE/79.8 | 176.0 | The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON | CA |
| Certificate #: | | 2948-6XKLQQ | | | |
| Application Year: | | 2007 | | | |
| Issue Date: | | 2/1/2007 | | | |
| Approval Type: | | Air | | | |
| Status: | | Revoked and/or Replaced | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |
| 9 | 3 of 4 | ENE/79.8 | 176.0 | The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON | CA |
| Certificate #: | | 7563-6ZLNQ9A | | | |
| Application Year: | | 2007 | | | |
| Issue Date: | | 4/5/2007 | | | |
| Approval Type: | | Municipal and Private Sewage Works | | | |
| Status: | | Approved | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|---|--------------------------|----------------|--|----------------------|
| 9 | 4 of 4 | ENE/79.8 | 176.0 | The Regional Municipality of Niagara 9240 Montrose Rd Niagara Falls ON | SPL |
| Ref No.: 3453-7S XK5M Incident Dt: MOE Reported Dt: 6/12/2009 Contaminant Name: SEWAGE, RAW UNCHLORINATED Contaminant Quantity: Incident Summary: Niagara Falls WPCP: Unkn Vol Sewage to Ditch Incident Cause: Discharge Or Bypass To A Watercourse Incident Reason: Frost Heave Nature of Impact: Surface Water Pollution Receiving Medium: Environmental Impact: Not Anticipated | | | | | |
| 10 | 1 of 16 | E/95.0 | 179.0 | 9514 Montrose Road Niagara Falls ON | EHS |
| Order No.: 20130206001 Report Date: 14-FEB-13 Report Type: Standard Report Search Radius (km): .25 Addit. Info Ordered: Fire Insur. Maps and/or Site Plans | | | | | |
| 10 | 2 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON | GEN |
| Generator #: ON1835800 Approval Yrs: 2013 SIC Code: 484110 SIC Description: GENERAL FREIGHT TRUCKING, LOCAL --- Details --- Waste Code: 221 Waste Description: LIGHT FUELS + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS + Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES + Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS + Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES | | | | | |
| 10 | 3 of 16 | E/95.0 | 179.0 | Crown Transportation Group Limited 9514 Montrose Road Niagara Falls ON | GEN |
| Generator #: ON4337057 | | | | | |
| 45 | erisinfo.com EcoLog ERIS Ltd. Grand Niagara n/a Niagara Falls ON | | | | Order #: 20151029056 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--------------------------|----------------|--|------------|
| Approval Yrs: 2013 SIC Code: 484110 SIC Description: GENERAL FREIGHT TRUCKING, LOCAL --- Details --- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS + Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES + Waste Code: 213 Waste Description: PETROLEUM DISTILLATES | | | | | |
| 10 | 4 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | GEN |
| Generator #: ON1835800 Approval Yrs: As of May 2015 SIC Code: SIC Description: --- Details --- Waste Code: 252 Waste Description: Waste crankcase oils and lubricants + Waste Code: 213 Waste Description: Petroleum distillates + Waste Code: 212 Waste Description: Aliphatic solvents and residues + Waste Code: 251 Waste Description: Waste oils/sludges (petroleum based) + Waste Code: 221 Waste Description: Light fuels | | | | | |
| 10 | 5 of 16 | E/95.0 | 179.0 | DONALD W MURRAY (MOVERS) 1981 LIMITED 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | GEN |
| Generator #: ON1835800 Approval Yrs: 94,95,96,97 SIC Code: 3231 SIC Description: MOTOR VEHICLE IND. --- Details --- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| 10 | 6 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON | GEN |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|----------------------|--------------------------|----------------|--|-----|
| <div>Generator #: ON1835800</div> <div>Approval Yrs: 2009</div> <div>SIC Code: 484110</div> <div>SIC Description: General Freight Trucking Local</div> <div>--- Details ---</div> <div>Waste Code: 145</div> <div>Waste Description: PAINT/PIGMENT/COATING RESIDUES</div> <div>+</div> <div>Waste Code: 212</div> <div>Waste Description: ALIPHATIC SOLVENTS</div> <div>+</div> <div>Waste Code: 213</div> <div>Waste Description: PETROLEUM DISTILLATES</div> <div>+</div> <div>Waste Code: 221</div> <div>Waste Description: LIGHT FUELS</div> <div>+</div> <div>Waste Code: 251</div> <div>Waste Description: OIL SKIMMINGS & SLUDGES</div> <div>+</div> <div>Waste Code: 252</div> <div>Waste Description: WASTE OILS & LUBRICANTS</div> | | | | | |
| 10 | 7 of 16 | E/95.0 | 179.0 | CROWN TRUCKING SERVICES 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | GEN |
| <div>Generator #: ON1835800</div> <div>Approval Yrs: 98,99,00,01</div> <div>SIC Code: 3231</div> <div>SIC Description: MOTOR VEHICLE IND.</div> <div>--- Details ---</div> <div>Waste Code: 145</div> <div>Waste Description: PAINT/PIGMENT/COATING RESIDUES</div> <div>+</div> <div>Waste Code: 213</div> <div>Waste Description: PETROLEUM DISTILLATES</div> <div>+</div> <div>Waste Code: 252</div> <div>Waste Description: WASTE OILS & LUBRICANTS</div> | | | | | |
| 10 | 8 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | GEN |
| <div>Generator #: ON1835800</div> <div>Approval Yrs: 2012</div> <div>SIC Code: 484110</div> <div>SIC Description: General Freight Trucking Local</div> <div>--- Details ---</div> <div>Waste Code: 221</div> <div>Waste Description: LIGHT FUELS</div> <div>+</div> <div>Waste Code: 251</div> <div>Waste Description: OIL SKIMMINGS & SLUDGES</div> <div>+</div> | | | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|---|-------------------|--------------------------|----------------|--|-----|
| Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS + Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES | | | | | |
| 10 | 9 of 16 | E/95.0 | 179.0 | MOTORWAYS TRANSPORT (OUT OF BUS.) 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | GEN |
| Generator #: ON1074100 Approval Yrs: 89,90 SIC Code: 4561 SIC Description: GEN. FREIGHT TRUCK. --- Details --- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS | | | | | |
| 10 | 10 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON | GEN |
| Generator #: ON1835800 Approval Yrs: 2011 SIC Code: 484110 SIC Description: General Freight Trucking Local --- Details --- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES + Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES + Waste Code: 213 Waste Description: PETROLEUM DISTILLATES + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS + Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS + Waste Code: 221 Waste Description: LIGHT FUELS | | | | | |
| 10 | 11 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON | GEN |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--|-------------------|--------------------------------|----------------|---|------------|
| Generator #: Approval Yrs: SIC Code: SIC Description: | | | | | |
| | | ON1835800 | | | |
| | | 2010 | | | |
| | | 484110 | | | |
| | | General Freight Trucking Local | | | |
| --- Details --- | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| 10 | 12 of 16 | E/95.0 | 179.0 | DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0 | GEN |
| Generator #: Approval Yrs: SIC Code: SIC Description: | | | | | |
| | | ON1835800 | | | |
| | | 02,03,04,05,06,07,08 | | | |
| | | | | | |
| | | | | | |
| --- Details --- | | | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | OIL SKIMMINGS & SLUDGES | | | |
| + | | | | | |
| Waste Code: | | 145 | | | |
| Waste Description: | | PAINT/PIGMENT/COATING RESIDUES | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| + | | | | | |
| Waste Code: | | 212 | | | |
| Waste Description: | | ALIPHATIC SOLVENTS | | | |
| + | | | | | |
| Waste Code: | | 221 | | | |
| Waste Description: | | LIGHT FUELS | | | |
| 10 | 13 of 16 | E/95.0 | 179.0 | MOTORWAYS TRANSPORT 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | GEN |
| Generator #: Approval Yrs: SIC Code: | | | | | |
| | | ON1074100 | | | |
| | | 88 | | | |
| | | 4561 | | | |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-----------------------|-------------------|--|----------------|---|-------------|
| SIC Description: | | GEN. FREIGHT TRUCK. | | | |
| --- Details --- | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | PETROLEUM DISTILLATES | | | |
| + | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | WASTE OILS & LUBRICANTS | | | |
| 10 | 14 of 16 | E/95.0 | 179.0 | MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6 | GEN |
| Generator #: | | ON1074100 | | | |
| Approval Yrs: | | 92,93,94,95,96,97,98 | | | |
| SIC Code: | | 4561 | | | |
| SIC Description: | | GEN. FREIGHT TRUCK. | | | |
| 10 | 15 of 16 | E/95.0 | 179.0 | Crown Transportation Group Limited 9514 Montrose Road Niagara Falls ON | GEN |
| Generator #: | | ON4337057 | | | |
| Approval Yrs: | | As of May 2015 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| --- Details --- | | | | | |
| Waste Code: | | 252 | | | |
| Waste Description: | | Waste crankcase oils and lubricants | | | |
| + | | | | | |
| Waste Code: | | 251 | | | |
| Waste Description: | | Waste oils/sludges (petroleum based) | | | |
| + | | | | | |
| Waste Code: | | 213 | | | |
| Waste Description: | | Petroleum distillates | | | |
| 10 | 16 of 16 | E/95.0 | 179.0 | PRIVATE BUSINESS 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON | SPL |
| Ref No.: | | 109684 | | | |
| Incident Dt: | | 1/27/1995 | | | |
| MOE Reported Dt: | | 2/1/1995 | | | |
| Contaminant Name: | | | | | |
| Contaminant Quantity: | | | | | |
| Incident Summary: | | CROWN TRUCKING SERVICES- 136 L DIESEL TO CONCRETE PAD,TANK LEAK,CLEANED UP | | | |
| Incident Cause: | | VALVE/FITTING LEAK OR FAILURE | | | |
| Incident Reason: | | DAMAGE BY MOVING EQUIPMENT | | | |
| Nature of Impact: | | Soil contamination | | | |
| Receiving Medium: | | LAND | | | |
| Environmental Impact: | | POSSIBLE | | | |
| 11 | 1 of 1 | SSW/111.0 | 178.0 | W. C. Patterson Gas Co. Ltd. | OOGW |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|--------------------|-------------------|---|----------------|----------------------|----------------|
| Crowland ON | | | | | |
| County: | | Welland | | | |
| Longitude: | | -79.14211222 | | | |
| Latitude: | | 43.03070861 | | | |
| Licence#: | | F014193 | | | |
| Permit Date: | | | | | |
| Depth(m): | | 152.7 | | | |
| Depth Reached: | | 09-JUN-48 | | | |
| Capped Date: | | | | | |
| Well Name: | | E & A. Cruickshank #1 | | | |
| Block: | | | | | |
| Lot: | | 4 | | | |
| Conc.: | | I | | | |
| Classification: | | | | | |
| Description: | | | | | |
| Status As Of: | | December 2013 | | | |
| Well Status Mode: | | Unknown | | | |
| Description: | | | | | |
| Well Status Type: | | Natural Gas Well | | | |
| Description: | | A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR | | | |
| Target: | | SILURIAN | | | |
| Description: | | UNSUBDIVIDED | | | |
| --- Details --- | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 158.17 / 20.73 |
| Type of Water: | n/a | | | Geology Formation: | B Anhydrite |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 67.65 / 111.25 |
| Type of Water: | n/a | | | Geology Formation: | Irondequoit |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 27.11 / 151.79 |
| Type of Water: | n/a | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 34.12 / 144.78 |
| Type of Water: | n/a | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 40.83 / 138.07 |
| Type of Water: | n/a | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 57.59 / 121.31 |
| Type of Water: | n/a | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 142.32 / 36.58 |
| Type of Water: | n/a | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|--------------------------|----------------------------------|------------------------|----------------------|----------------|
| Static Level (m): | n/a | | | Elevation / Top (m): | 178.87 / 0.03 |
| Type of Water: | n/a | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 166.71 / 12.19 |
| Type of Water: | n/a | | | Geology Formation: | Marcellus |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 166.71 / 12.19 |
| Type of Water: | n/a | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | FORM 7 |
| Static Level (m): | n/a | | | Elevation / Top (m): | 85.94 / 92.96 |
| Type of Water: | n/a | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 5.49 | | | Elevation / Top (m): | n/a / 0 |
| Type of Water: | Sulphur | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 6.71 | | | Elevation / Top (m): | n/a / 0 |
| Type of Water: | Fresh | | | Geology Formation: | Marcellus |
| + | | | | | |
| Geology/Water: | Water | | | Source: | n/a |
| Static Level (m): | 6.71 | | | Elevation / Top (m): | n/a / 0 |
| Type of Water: | Fresh | | | Geology Formation: | B Anhydrite |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 158.17 / 20.73 |
| Type of Water: | | | | Geology Formation: | B Anhydrite |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 142.32 / 36.58 |
| Type of Water: | | | | Geology Formation: | Guelph |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 178.87 / 0.03 |
| Type of Water: | | | | Geology Formation: | Drift |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 166.71 / 12.19 |
| Type of Water: | | | | Geology Formation: | Top of Bedrock |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 85.94 / 92.96 |
| Type of Water: | | | | Geology Formation: | Rochester |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 67.65 / 111.25 |

| Map Key | Number of Records | Direction/ Distance m | Elevation m | Site | DB |
|-------------------|------------------------------|----------------------------------|------------------------|----------------------|----------------|
| Type of Water: | | | | Geology Formation: | Irondequoit |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 57.59 / 121.31 |
| Type of Water: | | | | Geology Formation: | Grimsby |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 40.83 / 138.07 |
| Type of Water: | | | | Geology Formation: | Cabot Head |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 34.12 / 144.78 |
| Type of Water: | | | | Geology Formation: | Whirlpool |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 27.11 / 151.79 |
| Type of Water: | | | | Geology Formation: | Queenston |
| + | | | | | |
| Geology/Water: | Geology | | | Source: | MNR |
| Static Level (m): | n/a | | | Elevation / Top (m): | 166.71 / 12.19 |
| Type of Water: | | | | Geology Formation: | Marcellus |

Unplottable Summary

Total: 32 Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|------|---|-------------------------------|--------------------------------|--------|
| AAGR | | Lot 5 | Niagara Falls - Stamford ON | |
| AAGR | | Lot 5 | Niagara Falls - Stamford ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD | NIAGARA FALLS CITY ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD. | NIAGARA FALLS CITY ON | |
| CA | ONTARIO HYDRO (SIR ADAM BECK G.S.) | LOT #1, BROKEN FRONTAGE | NIAGARA FALLS CITY ON | |
| CA | ONTARIO HYDRO, SIR ADAM BECK II GS | LOT 1, BROKEN FRONTAGE | NIAGARA FALLS ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD. | NIAGARA FALLS CITY ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD. | NIAGARA FALLS CITY ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD. | NIAGARA FALLS CITY ON | |
| CA | | Montrose Road, Lots 70 and 71 | Niagara Falls ON | |
| CA | The Corporation of the City of Niagara Falls | Montrose Road | Niagara Falls ON | |
| CA | | Montrose Road | Niagara Falls ON | |
| CA | | Montrose Road | Niagara Falls ON | |
| CA | The Regional Municipality of Niagara | Montrose Rd | Niagara Falls ON | |
| CA | NIAGARA FALLS CITY | MONTROSE RD./TWP. LOT 87 | NIAGARA FALLS CITY ON | |
| CA | NIAGARA BLOCK INCORPORATED | MONTROSE RD., TWP. LOT 106 | NIAGARA FALLS CITY ON | |
| CA | R.M. OF NIAGARA | MONTROSE RD. | NIAGARA FALLS CITY ON | |

| | | | |
|------|-------------------------------|---|----------------------------|
| CONV | IAN HERD | Reixinger Road | Niagara Falls ON |
| EHS | | Montrose Road | Niagara Falls ON |
| NCPL | Ford Motor Company of Canada | | Niagara Falls (Welland) ON |
| NEES | FORD MOTOR CO. OF CANADA LTD. | | NIAGARA FALLS CITY ON |
| NPCB | FORD MOTOR COMPANY OF CANADA | | NIAGARA FALLS ON |
| PTTW | Oaklands Golf Club | Lot 3, Broken Front Concession | Niagara Falls ON |
| SCT | MORNINGSTAR LUMBER LIMITED | MONTROSE RD | NIAGARA FALLS ON |
| SPL | R & R Trucking Inc. | QEW Southbound, south of McLeod Road | Niagara Falls ON |
| SPL | Ramgarhia Trucking Inc. | QEW near Lyons Creek Road (Toronto bound) | Niagara Falls ON |
| SPL | 2305016 Ontario Inc. | QEW north of Thorold Stone RD | Niagara Falls ON |
| SPL | TRANSPORT TRUCK | ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. | NIAGARA FALLS CITY ON |
| SPL | PRIVATELY OWNED | QEW WEST OF GRIMSBY IN FRONT OF ANDRES WINES | NIAGARA R.M. ON |
| SPL | SM Freight Inc. | Fort Erie Bound at Biggar Rd. | Niagara Falls ON |
| SPL | TRANSPORT TRUCK | AT MONTROSE ST. 1 MILE SOUTH OF MCLEOD | NIAGARA FALLS CITY ON |
| SRDS | FORD MOTOR COMPANY | | NIAGARA FALLS ON |

Unplottable Report

Site:**Lot 5 Niagara Falls - Stamford ON****Database:****AAGR**

Type: Pit
Region/County: Niagara
Township: Niagara Falls - Stamford
Concession:
Lot: 5
Size (ha): 1.4
Landuse:
Comments: rehabilitated by owner

Site:**Lot 5 Niagara Falls - Stamford ON****Database:****AAGR**

Type: Pit
Region/County: Niagara
Township: Niagara Falls - Stamford
Concession:
Lot: 5
Size (ha): 1.1
Landuse:
Comments: remote site off Bruce Trail; significant natural revegetation occurring

Site:**NIAGARA FALLS CITY
MONTROSE RD NIAGARA FALLS CITY ON****Database:****CA**

Certificate #: 3-1394-86-
Application Year: 86
Issue Date: 9/11/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:**NIAGARA FALLS CITY
MONTROSE RD. NIAGARA FALLS CITY ON****Database:****CA**

Certificate #: 7-0950-88-
Application Year: 88
Issue Date: 7/7/1988
Approval Type: Municipal water
Status: Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ONTARIO HYDRO (SIR ADAM BECK G.S.)
LOT #1, BROKEN FRONTAGE NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 4-0078-94-
Application Year: 94
Issue Date: 9/27/1994
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SPILL CONT.SYS. FOR OIL-FILLED TRANS.
Contaminants:
Emission Control:

Site: ONTARIO HYDRO, SIR ADAM BECK II GS
LOT 1, BROKEN FRONTAGE NIAGARA FALLS ON

Database:
CA

Certificate #: 8-2006-98-
Application Year: 98
Issue Date: 2/27/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: STANDBY BLACK START DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: NIAGARA FALLS CITY
MONTROSE RD. NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 7-0691-86-
Application Year: 86
Issue Date: 7/4/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Site: NIAGARA FALLS CITY
MONTROSE RD. NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 7-1388-86-
Application Year: 86
Issue Date: 11/24/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NIAGARA FALLS CITY
MONTROSE RD. NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 7-0809-86-
Application Year: 86
Issue Date: 7/22/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Montrose Road, Lots 70 and 71 Niagara Falls ON

Database:
CA

Certificate #: 8086-4Z8RU2
Application Year: 01
Issue Date: 8/3/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Niagara
Client Address: 2201 St. David's Road
Client City: Thorold
Client Postal Code: L2V 4T7
Project Description: This application is for the construction of storm sewers on Montrose Road due to road and drainage improvements in the City of Niagara Falls.
Contaminants:
Emission Control:

Site: The Corporation of the City of Niagara Falls
Montrose Road Niagara Falls ON

Database:
CA

Certificate #: 3382-6V5RB3
Application Year: 2006
Issue Date: 11/9/2006
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: **Montrose Road Niagara Falls ON** **Database:**
CA

Certificate #: 7074-4KPQZX
Application Year: 00
Issue Date: 6/5/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Niagara
Client Address: 2201 St. David's Road, PO Box 1042
Client City: Thorold
Client Postal Code: L2V 4T7
Project Description: Storm Sewers
Contaminants:
Emission Control:

Site: **Montrose Road Niagara Falls ON** **Database:**
CA

Certificate #: 3874-4KUSJZ
Application Year: 00
Issue Date: 6/5/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Niagara Falls
Client Address: 4310 Queen Street
Client City: Niagara Falls
Client Postal Code:
Project Description: Installation of 610m of 300mm diameter PVC watermain to replace 150mm and 200mm D watermain (including appurtenances). Installation of the watermain along Montrose Road (from Industrial Street to Chorozy Street).
Contaminants:
Emission Control:

Site: **The Regional Municipality of Niagara** **Database:**
Montrose Rd Niagara Falls ON **CA**

Certificate #: 6146-7RLK55
Application Year: 2009
Issue Date: 5/1/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NIAGARA FALLS CITY
MONTROSE RD./TWP. LOT 87 NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 3-1591-92-
Application Year: 92
Issue Date: 12/29/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NIAGARA BLOCK INCORPORATED
MONTROSE RD., TWP. LOT 106 NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 8-2040-93-
Application Year: 93
Issue Date: 3/12/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WASTE OIL FURNACE MODEL CB-2000
Contaminants:
Emission Control:

Site: R.M. OF NIAGARA
MONTROSE RD. NIAGARA FALLS CITY ON

Database:
CA

Certificate #: 7-0664-86-
Application Year: 86
Issue Date: 6/27/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Site: IAN HERD
Reixinger Road Niagara Falls ON

Database:
CONV

File No.: 050104

Crown Brief No.:

Ministry District:

Region:

Description:

On March 20, 2009, Ian M. Herd was sentenced ex parte, to six months in jail after being convicted on August 15, 2008 for failing to have oil-contaminated soil transported to an approved waste management facility by an approved waste hauler and failing to submit copies of all manifests and receipts to the ministry. An order was also issued to Mr. Herd and 1499974 Ontario Inc. to clean up the site in St. Catharines. Since Mr. Herd was not in attendance at the time of sentencing, a committal warrant was issued for his arrest. The Court heard that Mr. Herd is the sole director of 1499974 Ontario Inc. In April of 2006, the company purchased a property on Reixinger Road in Niagara Falls that contained an abundance of scrap metal, tires and liquid automobile wastes in barrels. In August of 2006, ministry staff issued an order to the company and Mr. Herd, requiring the removal of the oil-contaminated soil at the property and submission of all receipts related to the clean-up. Mr. Herd failed to comply with the order. Mr. Herd and the company were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch. Mr. Herd had previously been convicted of two other offences under the Environmental Protection Act. In 2004, he was convicted of operating a waste disposal site for tires in Belleville without a Certificate of Approval. A fine of \$13,000 was imposed, as well as a court order to clean up the site. He was then charged with failing to comply with the court order and pleaded guilty to the charge in June 2008. In September 2008, he was sentenced to sixty days in jail to be served intermittently, and two years of probation. His fine was suspended and a second court order was issued.

--- Details ---

Date Charged: March 20, 2009

Fine: 6 months

Act/Regulation/Section:

Charge Disposition: jail

Site: Montrose Road Niagara Falls ON

Database:
EHS

Order No.: 20130321024

Report Date: 28-MAR-13

Report Type: Custom Report

Search Radius (km): .25

Addit. Info Ordered:

Site: Ford Motor Company of Canada
Niagara Falls (Welland) ON

Database:
NCPL

Year: 1992

Discharge Type: Wastewater

Sector: Glass Plant

Type of Concern: Policy and Guidelines

Contaminant: see "Status Report"

Status Report: Exceeded guidelines for biochemical oxygen demand and total suspended solids once each during the reporting period. Both exceedances were attributed to operational problems of the wastewater treatment plant. Company has improved operation and compliance is expected in 1993. This plant will be closed in early 1994, and all direct wastewater discharges will cease at that time.

Site: FORD MOTOR CO. OF CANADA LTD.
NIAGARA FALLS CITY ON

Database:
NEES

Incident Date: 5/31/88
Contaminant: PETROLEUM OIL
Amount: 0
Units: Discharge
Quantity:
Cause: Equipment Failure
Source: Other Industrial Plant
Reason:
Sector: GN

Site: FORD MOTOR COMPANY OF CANADA
NIAGARA FALLS ON

Database:
NPCB

Company Code: O0300A
Transaction Date: 3/4/1996
Inspection Date: 9/15/1989
Industry: CEMENT
Site Status: STORAGE ONLY (NON FEDERAL)

Site: Oaklands Golf Club
Lot 3, Broken Front Concession Niagara Falls ON

Database:
PTTW

Year: 2005
EBR Registry No.: IA05E0682
Ministry Ref. No.: 0254-6BWKGB
Type: Instrument Decision
Instrument Type: Permit to take water - OWRA s. 34
Proposal Date:
Location: Lot 3, Broken Front Concession, Geographic Township of Willoughby, City of Niagara Falls,
Regional Municipality of Niagara
Proponent Address: 8970 Stanley Ave. South Niagara Falls Ontario L2E 6T8

Site: MORNINGSTAR LUMBER LIMITED
MONTROSE RD NIAGARA FALLS ON

Database:
SCT

Established: 0000
Plant Size (ft²): 1400
Employment: 1

--- Details ---

SIC/NAICS Code: 2426
Description: HARDWOOD DIMENSION AND FLOORING MILLS
+
SIC/NAICS Code: 321919
Description: Other Millwork

Site: R & R Trucking Inc.
QEW Southbound, south of McLeod Road Niagara Falls ON

Database:
SPL

Ref No.: 4453-6539X9
Incident Dt: 9/23/2004
MOE Reported Dt: 9/22/2004
Contaminant Name: DIESEL FUEL

Contaminant Quantity: 450 L
Incident Summary: MVA: R&R Truck: 450L DSL to ditch @ QEW
Incident Cause: Other Transport Accident
Incident Reason: Error- Operator error
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Environmental Impact: Confirmed

Site: **Ramgarhia Trucking Inc.**
QEW near Lyons Creek Road (Toronto bound) Niagara Falls ON

Database:
SPL

Ref No.: 3136-8SXPYJ
Incident Dt: 01-APR-12
MOE Reported Dt: 01-APR-12
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Summary: QEW: MVW, 40 gal of diesel into ditch
Incident Cause: Other Transport Accident
Incident Reason: Spill
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
Environmental Impact: Not Anticipated

Site: **2305016 Ontario Inc.**
QEW north of Thorold Stone RD Niagara Falls ON

Database:
SPL

Ref No.: 0015-9AUR8L
Incident Dt: 2013/08/23
MOE Reported Dt: 2013/08/23
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 75 L
Incident Summary: Seaport Intermodal, 75L, to soil, not clnd
Incident Cause: Leak/Break
Incident Reason: Operator/Human Error
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Confirmed

Site: **TRANSPORT TRUCK**
ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. NIAGARA FALLS CITY ON

Database:
SPL

Ref No.: 113009
Incident Dt: 5/11/1995
MOE Reported Dt: 5/11/1995
Contaminant Name:
Contaminant Quantity:
Incident Summary: CRAGCO LTD. - 450 L OF DIESEL FUEL TO GROUND FROM TRANSPORT TRUCK.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: EQUIPMENT FAILURE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: **PRIVATELY OWNED**
QEW WEST OF GRIMSBY IN FRONT OF ANDRES WINES NIAGARA R.M. ON

Database:
SPL

Ref No.: 18028
Incident Dt: 5/4/1989
MOE Reported Dt: 5/4/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: OPERATING FLUIDS TO QEW SHOULDER FROM CAR FIRE.
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: UNKNOWN
Nature of Impact:
Receiving Medium: LAND
Environmental Impact:

Site: **SM Freight Inc.**
Fort Erie Bound at Biggar Rd. Niagara Falls ON

Database:
SPL

Ref No.: 7640-9EMT62
Incident Dt: 2013/12/22
MOE Reported Dt: 2013/12/22
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 500 L
Incident Summary: Transport Truck - diesel to QEW from saddle tank.
Incident Cause: Leak/Break
Incident Reason: Road Conditions
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Possible

Site: **TRANSPORT TRUCK**
AT MONTROSE ST. 1 MILE SOUTH OF MCLEOD NIAGARA FALLS CITY ON

Database:
SPL

Ref No.: 111940
Incident Dt: 4/13/1995
MOE Reported Dt: 4/13/1995
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK- 900 L OFDIESEL TO ROAD & DITCH FROM SADDLE TANKS.
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Reason: ERROR
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Environmental Impact: POSSIBLE

Site: **FORD MOTOR COMPANY**
NIAGARA FALLS ON

Database:
SRDS

Year: 1990-1994
Works Id: 11
Company Code:
SIC: 3259
SIC Desc: OTHER MOTOR VEHICLE ACCESS PARTS & ASSEM IND
Sector: MISCELLANEOUS
Region: MOE WEST CENTRAL REGION
District: MOE WELLAND DISTRICT
Body of Water:
Terminal Stream:
Minor Basin: LAKE ONTARIO
Major Basin: GREAT LAKES
Mailing Address: 9127 MONTROSE ROAD, NIAGARA FALLS L2E6X3

Corp Address: 9127 MONTROSE ROAD

--- Details ---

IMIS Control Point: 29

Control Point: FINAL DISCHARGE - GROSS DATA

Appendix: Database Descriptions

*Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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 all 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 Mar 2015

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-Jan 2014

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

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of all 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: 2001-Jul 2014

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 2014

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**

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

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: 1948-2014

Chemical Register: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: 1992, 1999-Jul 2014

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

*Government Publication Date: Apr 1987 and Nov 1988**

Compliance and Convictions:Provincial [CONV](#)

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Feb 2014

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

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

Government Publication Date: 1994-Sep 2015

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 MNM. 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-Jun 2014

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 31 2011-Aug 2015

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-Sep 2015

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 31, 2011-Jun 2015

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-Aug 2014

Environmental Issues Inventory System:

Federal EIS

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 EIS 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

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Current to Nov 2014

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 all 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.

Government Publication Date: June 2000-Jul 2015

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all 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-Sept 2003

Fuel Storage Tank:

Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: 2010-Nov 2014

Fuel Storage Tank - Historic:

Provincial

FSTH

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

*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-May 2015

TSSA Historic Incidents:

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

*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 all 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**

TSSA Incidents:

Provincial

INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: June 2009-2014

Landfill Inventory Management Ontario:Provincial [LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

*Government Publication Date: 2012***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-Apr 2013***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: 1994-2012***National Defence & Canadian Forces Fuel Tanks:**Federal [NDFT](#)

The Department of National Defence 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 Defence & Canadian Forces Spills:

Federal NDSP

The Department of National Defence 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-Aug 2010

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 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 all 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. All federal out-of-service PCB containing equipment and all 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: 1993-2013

Oil and Gas Wells:

Private OGW

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-Sep 2015

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.

Inventory of PCB Storage Sites:

Provincial [OPCB](#)

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

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

Orders:

Provincial [ORD](#)

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

Government Publication Date: 1994-Sep 2015

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

Parks Canada Fuel Storage Tanks:

Federal [PCFT](#)

Canadian Heritage maintains an inventory of all 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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents:

Provincial [PINC](#)

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: June 2009-2014

Private and Retail Fuel Storage Tanks:

Provincial [PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial [PTTW](#)

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

Government Publication Date: 1994-Sep 2015

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: 1986-2013

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 2015

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-Jul 2014

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

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Feb 2014

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: 1990-2011

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.

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-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial VAR

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Current to Nov 2014

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: 1970-Jun 2015

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: 1955-Mar 2014

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 were included as reference.

STANDARD LIMITATIONS PHASE I ENVIRONMENTAL SITE ASSESSMENT (PHASE I ESA)

These Standard Limitations form part of the Report to which they are appended and any use of the Report is subject to them.

1. EXCLUSIVE USE BY CLIENT

This Report was prepared for the exclusive use of the client identified as the intended recipient. Any use of the Report by any other party without the written consent of MMM Group Limited is the sole responsibility of such party. MMM Group Limited accepts no responsibility for damages that may be suffered by any third party as a result of decisions made or actions taken based on the Report.

2. SCOPE, TERMS AND CONDITIONS OF CONTRACT

The observations, investigations and interviews (hereinafter referred to as the "Work") upon which this Report is based were carried out in accordance with the scope, terms and conditions of the contract or the proposal pursuant to which the Work was commissioned. The conclusions presented in the Report are based solely upon the scope of services described in the contract or the proposal and governed by the time and budgetary constraints imposed by them.

3. STANDARD OF CARE

The Phase I ESA was carried out in accordance with generally accepted environmental study and/or professional practices, industry standards and applicable environmental regulations. No other warranties are either expressed or implied with respect to the professional services provided under the terms of the contract or proposal and represented in this Report.

4. SCOPE OF THE PHASE I ESA

A Phase I ESA is conducted as a preliminary determination of the likelihood that contaminants may affect soil or water on the subject property. It is based on a visual assessment of the property and review of existing information as it is reasonably accessible. Sample collection and analyses are not elements of a Phase I ESA. The nature of the Work dictates that findings and conclusions in the Report may not be definitive, and may include qualitative statements based on professional judgement, the observations made and the data reviewed.

5. AVAILABILITY OF SITE

The Work performed was based, in part, on visual observations of the subject property and attendant structures. Findings cannot be extended to portions of the property or structures that were not available for observation at the time of our site reconnaissance due to objects or coverings, or inaccessibility for reasons beyond the control of

MMM Group Limited. The methods of evaluation employed, while intended to minimize the potential for environmental concerns to go undetected, cannot guarantee that such concerns are, in fact, absent. For instance, the absence of contamination in soil can only be confirmed based on a soil sampling and analytical program.

6. INFORMATION SUPPLIED BY OTHERS

The research performed for a Phase I ESA considers information supplied by others (e.g., local, provincial and federal agencies, property owner and/or occupant). All information supplied by others was considered based on professional judgement; however, MMM Group Limited did not verify its accuracy unless specifically noted in the Report. MMM Group Limited does not assume any obligation to update information supplied by others or to confirm that it constitutes all that exists and pertains to the property.

7. REASONABLE CONCLUSIONS

The conclusions of the Phase I ESA regarding the likelihood of contaminant effects on the subject property are based on observations and a review of information from other sources as identified in the Report. The possibility remains that unexpected environmental conditions may be encountered at the property; in which case, MMM Group Limited should be notified in order that we may determine if modifications to the conclusions presented in this Report are necessary.

8. REPORT AS A COMPLETE DOCUMENT

This Report must be read as a whole and sections taken out of context may be misleading. If discrepancies exist between the preliminary (draft) and final versions of the Report, the final version of the Report shall take precedence.

9. LIMITATION OF LIABILITY

MMM Group Limited's liability with respect to the Phase I ESA is limited to re-performing, without cost, any part of the Work that is unacceptable solely as a result of failure to comply with industry standards. MMM Group Limited's maximum liability is limited in accordance with terms in the original contract, provided that notice of claim is made within regulated timelines as of the date of delivery of the Report.