



## **Contamination Overview Study**

Highway 401 Planning Study from Cobourg  
to Colborne (GWP 4060-11-00)

February 27, 2019

Prepared for:

Ontario Ministry of Transportation

Prepared by:

Stantec Consulting Ltd.  
100-300 Hagey Boulevard  
Waterloo ON N2L 0A4

Project No.: 165001090

## Table of Contents

<b>EXECUTIVE SUMMARY .....</b>	<b>i</b>
<b>1.0 INTRODUCTION .....</b>	<b>1.1</b>
1.1 OBJECTIVE .....	1.1
1.2 SCOPE OF WORK .....	1.2
<b>2.0 METHODOLOGY .....</b>	<b>2.1</b>
2.1 HISTORICAL RECORDS REVIEW .....	2.1
2.2 SITE RECONNAISSANCE .....	2.2
<b>3.0 RESULTS .....</b>	<b>3.1</b>
3.1 HISTORICAL RECORDS REVIEW .....	3.1
3.1.1 Aerial and Satellite Imagery .....	3.1
3.1.2 Physiographic Setting .....	3.4
3.1.3 Hydrogeological Setting .....	3.4
3.1.4 ERIS Historical Database Review .....	3.5
3.1.5 Previous Reports.....	3.7
3.2 SITE RECONNAISSANCE .....	3.7
3.2.1 General Site Layout and Observations.....	3.7
3.2.2 Storage Tanks.....	3.9
3.2.3 Building Materials.....	3.9
3.2.4 PCBs.....	3.9
3.2.5 Chemical Storage.....	3.10
3.2.6 Waste Generation and Disposal.....	3.10
3.2.7 Surficial Staining, Fill, Debris, and Vegetation Observations .....	3.10
<b>4.0 ENVIRONMENTAL CONCERNs .....</b>	<b>4.1</b>
4.1 POTENTIAL SOURCES OF CONTAMINATION .....	4.1
4.2 RECOMMENDATIONS .....	4.2
<b>5.0 LIMITATIONS .....</b>	<b>5.1</b>
<b>6.0 REFERENCES .....</b>	<b>6.1</b>

## LIST OF TABLES

Table 1: Summary of Potential Sources of Contamination .....	i
--	---

## LIST OF FIGURES

Figure 1:	Site Location
Figure 2:	Site Plan Overview
Figures 3-1 to 3-16:	Site Plan Detail 1 to 16



**LIST OF APPENDICES**

<b>APPENDIX A:</b>	<b>FIGURES .....</b>	<b>A.1</b>
<b>APPENDIX B:</b>	<b>PSOC TABLE .....</b>	<b>B.1</b>
<b>APPENDIX C:</b>	<b>PHOTOGRAPHIC LOG .....</b>	<b>C.1</b>
<b>APPENDIX D:</b>	<b>RELEVANT HISTORICAL INFORMATION .....</b>	<b>D.1</b>
<b>APPENDIX E:</b>	<b>QUALIFICATIONS OF COS PROJECT TEAM.....</b>	<b>E.1</b>



## Executive Summary

The Ontario Ministry of Transportation (MTO) retained Stantec Consulting Ltd. (Stantec) to complete a Planning, Preliminary Design and a Class Environmental Assessment (EA) for Highway 401 for the replacement and rehabilitation of structures, interchange modifications, future widening of the highway, and commuter parking lot expansions, from 2 km east of Nagle Road to 800 m east of Percy Street (County Road 25) in Northumberland County (approximately 18 km, GWP 4060-11-00).

This length of Highway 401 will hereinafter be referred to as the “Site” (Figure 1, Appendix A). As part of this study, Stantec has completed a Contamination Overview Study (COS) for the Site. The specific purpose of the COS was to assess if evidence of potential and actual environmental contamination exists at the Site as a result of current and past activities on the Site or adjacent/neighbouring properties.

To fulfill the objective of the COS, historical records and documentation available for the Site and the surrounding areas were reviewed and a site reconnaissance was completed on July 10, 2018. Following the review of historical records and the site reconnaissance, potential sources of contamination (PSOC) to the Site were identified, as summarized below. PSOC were ranked as either high, moderate, or low depending on the distance of the potential source from the Site and the activity associated with the potential source. The following is a summary of the identified PSOC associated with the Site:

**Table 1: Summary of Potential Sources of Contamination**

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
1	Berms and Imported Fill Material	Entire Site	On Site and within the Study Area	Polycyclic aromatic hydrocarbons (PAH), Metals, and Inorganics	High	Multiple large berms were observed on either side of the Highway 401 along the length of the Site. Furthermore, it is expected that fill materials were imported onto the Site for the purposes of road construction. Stockpiles were also observed in the northeastern portion of the Lyle Street interchange. Therefore, the PSOC associated with berms and imported fill is considered to be high.



**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
2	Historical Spills from Vehicular Accidents on Highway 401	Road allowance along Highway 401	On-Site	PAH, Petroleum Hydrocarbons (PHC), and Volatile Organic Compounds (VOC)	Moderate	Records were identified for spills related to vehicular accidents on Highway 401 within the Study Area. This PSOC is interpreted to be moderate, based on the potential for residual impacts to remain at the Site.
3	Historical and Current Generation of Waste; Potential Historical Landfill	280 Edwarsdon Road	Adjacent Property	PAH, PHC, and VOC	High	There are records of waste generation at this site between 1992 and 2001, as well as the potential for a former landfill on the property (unplotable). This property is in the inferred upgradient direction relative to the Site. During the Site visit, this property was observed to be an operational waste management facility (County of Northumberland Material Recovery Facility).
4	Historical and Current Vehicle Maintenance Activities; Importation of Fill	Southeast corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PAH, PHC, VOC, Metals, and Inorganics	High	There are records for a liquid fuel tank and oil/water separator at this site. A previous environmental report documented PHC and VOC impacts in the soil, as well as current and former aboveground and underground storage tanks. The property is partially situated within the Site. During the Site visit, this property was observed to be an operational vehicle maintenance yard, and several stockpiles could be observed from the roadway.



**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
5	Historical and Current Generation of Waste	176 County Road 25	On-Site and Adjacent Property	PAH, PHC, VOC, and Polychlorinated Biphenyls (PCBs)	High	There are records indicating that generation and receipt of waste has been occurring at this property since 1989 for a wide range of types of waste. The property is partially within the Site and is in the inferred upgradient direction relative to Highway 401. During the Site visit, this property was observed to be an operational waste management facility (Gary Steacy Dismantling Ltd.).
6	Waste Transfer Activities	32 Industrial Park Road North	On-Site and Adjacent Property	PAH, PHC, VOC, Metals, and Inorganics	Moderate	During the site visit, a waste transfer facility was observed (Northumberland Waste Transfer) that is reported to manage non-hazardous waste. This property is partially within the Site, in the inferred downgradient direction from Highway 401. This PSOC is interpreted to be moderate, given the transfer is restricted to non-hazardous wastes and the recent age of the facility.



**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
7	Historical Aggregate Extraction Activities	Potential locations within the Study Area	Within 100 metres of the centerline of the Highway 401	PAH, PHCs, Metals, and Inorganics	Moderate	The exact locations of historical aggregate extraction and development activities could not be confirmed, but were identified for lots contained within the Study Area. One abandoned aggregate facility within Lot 30, Concession 1, Haldimand Twp. was identified as the former Haldimand Twp. Dump, but the record also suggested that the facility had been rehabilitated. The presence of a historical waste disposal site and aggregate development near the Site represents a PSOC; this PSOC is interpreted to be moderate, given that the specific location could not be confirmed.
8	Fire/ Rescue Station	Edwardson Road, Northwest corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PHC, PAH, PFAS	Moderate	During the Site visit, a fire and rescue station was observed along Edwardson Road. This facility is believed to be operational and is partially located within the Site. From the aerial photographs, the station was between 1987 and 2005. This PSOC is interpreted to be moderate, given the potential from impacts associated with fire-fighting activities.
9	Transformer Station	Edwardson Road, Northwest corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PCB	Low	During the Site visit, a transformer station was observed from Edwardson Road. The transformer station could be observed in the aerial photographs of the area starting in 2005. This PSOC is interpreted to be low, given the age of the transformer station.



Based on the above, the following recommendations are provided:

- A Preliminary Site Screening assessment (PSS), Phase I ESA, and Phase II ESA (if recommended as part of the PSS or Phase I ESA) should be completed in accordance with the requirements of the MTO's documents Environmental Guide for Contaminated Property Identification and Management (MTO, 2006) and Environmental Reference for Highway Design (MTO, 2013) for any property that will be acquired by MTO and a site-specific evaluation of PSOCs should be completed. If building demolition will be required, designated substance surveys should be completed for buildings or structures prior to demolition.
- Soil and groundwater that will be disturbed during construction should be sampled and analyzed for metals and inorganics (including electrical conductivity and SAR), PAHs, and PHCs. In addition, areas within or adjacent to PSOC should be analyzed for the specific contaminants of concern as described in Table 1. The selection of soil for analysis should take into consideration the presence of anthropogenic substances such as debris/waste, and PHC, solvent, or other unusual odours or staining.
- Should excess soil be generated at the Site during future construction activities, soils that do not meet the Standards listed in Table 1 of the MECP document *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (April 15, 2011) may not be considered inert fill upon excavation, and off-site management options for excess soils that cannot be reused within the Site must be considered. It is understood that salt-related parameters may not be considered to be contaminants in a road alignment, when de-icing salt has been used for winter road maintenance (O.Reg. 153/04 s.48 (3)); however, soil or water impacted by salt should be managed according to Ministry of Environment, Conservation, and Parks (MECP) guidance if it is to be removed from the right-of-way.
- Should excess water be generated at the Site during future construction activities, water quality analyses should be conducted to determine appropriate management methods. This work should be done in coordination with a qualified person for environmental site assessment (QP<sub>ESA</sub>) as defined by Ontario Regulation 153/04, to maintain data quality and provide an appropriate assessment of water quality.
- Should evidence of soil or water impacts be identified during construction (e.g., staining, odours, petroleum hydrocarbon sheen) samples should be collected for laboratory analyses to confirm concentrations of potential contaminants so as to develop appropriate material management, and health and safety guidelines.

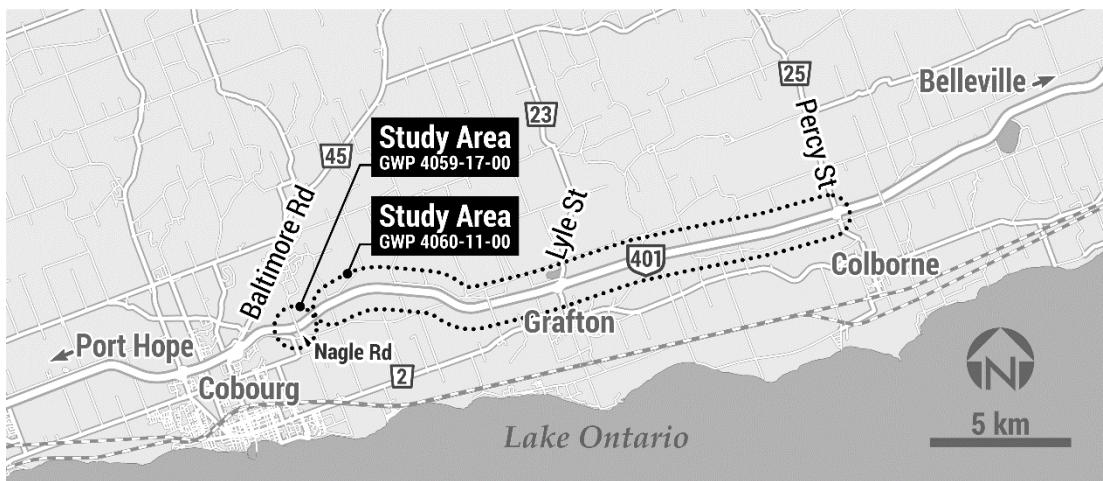
The statements made in this Executive Summary text are subject to the limitations included in **Section 5.0**, and are to be read in conjunction with the remainder of this report.



Introduction  
February 27, 2019

## 1.0 INTRODUCTION

The Ontario Ministry of Transportation (MTO) retained Stantec Consulting Ltd. (Stantec) to complete a Planning, Preliminary Design and a Class Environmental Assessment (EA) for Highway 401 for the replacement and rehabilitation of structures, interchange modifications, future widening of the highway, and commuter parking lot expansions, from 2 km east of Nagle Road to 800 m east of Percy Street (County Road 25) in Northumberland County (approximately 18 km, GWP 4060-11-00).



This length of Highway 401 will hereinafter be referred to as the “Site” (Figure 1, Appendix A). As part of this study, Stantec has completed a Contamination Overview Study (COS). The specific purpose of the COS was to assess if evidence of potential and actual environmental contamination exists at the Site as a result of current and past activities on the Site or adjacent/neighbouring properties.

### 1.1 OBJECTIVE

The objective of the COS was to identify properties or areas that represented the potential for Site contamination at the time of the investigation. The Canadian Standards Association (CSA) Standard Z768-01 for Phase I Environmental Site Assessment (ESA) defines contamination as the presence of a substance of concern, or a condition, in concentrations above appropriate pre-established criteria in soil, water, groundwater, air, or structures (CSA, R2016). Potential sources of contamination (PSOC) were qualitatively ranked as either a high, moderate, or low concern. **Section 2.0** provides a definition of each qualitative ranking.



Introduction  
February 27, 2019

## **1.2 SCOPE OF WORK**

The scope of work completed to fulfill the objective of the COS entailed a modified Phase I ESA, as follows:

- Review of historical records and documentation available for the Site and study area (within 100 m on either side of the centerline of Highway 401 between approximately 2 km east of Nagle Road in Hamilton Township (near Cobourg) and 800 m east of Percy Street in Cramahe Township (near Colborne). This review included a database search and a review of historical aerial photographs.
- Completion of a site reconnaissance of the Site and study area where accessible by public roadways.

The COS used the following documents as guidance to conduct the investigation:

- CSA 2001 Standard Z768-01: Phase I Environmental Site Assessment. November 2001, reaffirmed 2016.
- MTO, 2013. Environmental Reference for Highway Design. June 2013.

The COS is considered to be a modified Phase I ESA because site interviews were not completed with individual landowners, fire insurance plans were not ordered, city directory searches and title searches were not completed for the road alignment, well records were not reviewed, and requests were not directly made to the Ontario Ministry of the Environment, Conservation and Parks (MECP) for information they have on file for the Site and adjacent properties. Much of this information was obtained through a database search completed by Environmental Risk Information Services (ERIS). A buffer of 100 m around the Highway 401 alignment and beyond the western and eastern project limits was defined for the database search, which was consistent with typical COS that focus on the identification of PSOC directly adjacent to the road alignments that form the Site. The buffer area used for the review of historical records and documentation did not extend beyond the site limits at the Lyle Street and Percy Street interchanges. The site reconnaissance comprised a windshield survey that was conducted only in areas accessible by public roadways.

Note that an excess materials management plan is not considered part of the scope of a COS.



Methodology  
February 27, 2019

## 2.0 METHODOLOGY

This section describes the methods used to complete the historical records review and the Site reconnaissance activities. A list of PSOCs contributing to potential environmental concerns at the Site was developed using the information obtained from the COS (refer to **Table 1**).

High, Moderate, and Low potential concerns identified within the study area were generally defined as follows:

- High: Current or former potentially contaminating activity at which soil and/or groundwater contamination is typically found (e.g., gasoline service station, dry cleaning operation, known soil and/or groundwater contamination, heavy industrial operations) adjacent to the Site or within 50 m of the Site in the inferred upgradient direction.
- Moderate: Current or former potentially contaminating activity at which soil and/or groundwater contamination is typically found (e.g., gasoline service station, dry cleaning operation, known soil and/or groundwater contamination, heavy industrial operations, reported spills) within 50 m of the Site in the inferred downgradient direction or within 75 m of the Site in the inferred upgradient direction.
- Low: Current or former potentially contaminating activity between 75 m and 100 m from the Site in the inferred downgradient direction OR between 75 m and 100 m from the Site in the inferred upgradient direction, or a source of potential contamination where the source has likely been remediated or the contamination has likely attenuated (e.g., the potential for concern associated with a spill of a limited quantity of fuel (<50 L) to a roadway).

**Section 4.0** summarizes PSOCs that represent environmental concerns at the Site, while **Table 1** provides the justification for ranking the PSOC as High, Moderate, or Low.

## 2.1 HISTORICAL RECORDS REVIEW

The historical records review consisted of a review of information available from government, public, and other agencies or parties, and information on file at Stantec. In addition, topographic mapping and geological reference maps were reviewed to develop a conceptual understanding of site physiography and hydrogeology. Information was reviewed from the following sources:

- Aerial/Satellite Imagery
  - ESRI World Imagery from ERIS
  - Google Earth Pro imagery 2014 (2005, 2007, 2009, 2011, 2012, 2014, 2015, 2016, 2017, and 2018)
  - National Air Photo Library (Natural Resources Canada) (1929, 1965, 1976, 1981, and 1987) from ERIS
- ERIS – The ERIS report documented the database search for the Site and properties within 100 m on either side of the centerline of Highway 401 and beyond the western and eastern project limits. The ERIS report, including full references for each database searched, is provided in **Appendix D**, and included searches of the following:
  - Federal Databases, including but not limited to: federal tank, spills, polychlorinated biphenyl (PCB) storage site, and waste disposal site databases



## CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE (GWP 4060-11-00)

### Methodology

February 27, 2019

- Private Databases, including but not limited to: private tank listings, waste disposal site databases, and manufacturing directories
- Provincial Databases, including but not limited to: provincial tank, certificates of approval/environmental compliance approvals, waste generation, waste disposal, and spill databases
- Topographic/Geologic/Physiographic Mapping:
  - Ontario Geological Survey, 1991. Quaternary Geology of Ontario, Southern Sheet; Map 2556, Scale 1: 1,000,000
  - Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Map 2544, Scale 1: 1,000,000
  - Ontario Ministry of Natural Resources and Forestry, 2018. Make a Topographic Map
- Previous Reports:
  - McIntosh Perry Consulting Engineers Ltd. 2018. Phase I and II Environmental Site Assessment Grafton Patrol Yard, Grafton, Ontario.

A search of MECP Freedom of Information (FOI) files and the Technical Standards and Safety Authority (TSSA) was not completed. Information typically available through the FOI and TSSA offices was accessed by the ERIS database search.

## 2.2 SITE RECONNAISSANCE

Site reconnaissance activities included:

- A windshield survey of Highway 401 between approximately 2 km east of Nagle Road and 800 m east of Percy Street, which included observations and photographic documentation of the Site from publicly accessible roadways.
- Observation of properties adjacent to the Site to determine land use, where visible from public roadways.

Ms. Janice Cooper, M.Sc., EIT, of Stantec carried out the site reconnaissance on July 10, 2018.



Results  
February 27, 2019

## 3.0 RESULTS

### 3.1 HISTORICAL RECORDS REVIEW

This section presents the findings of the historical records review. The site location is presented on **Figure 1 (Appendix A)**. The ERIS report prepared for the Site is included in **Appendix D**.

#### 3.1.1 Aerial and Satellite Imagery

The earliest available aerial photograph was from 1929. Aerial photographs and satellite imagery were reviewed for the study area in three approximate stretches along Highway 401, as follows: Nagle Road to Gully Road, Gully Road to Vernonville Road, and Vernonville Road to Herley Road (see **Figure 2, Appendix A**). In general, photographs dated prior to 2005 provided coverage around the Highway 401 interchanges with the three portions of the Site; however, subsequent aerial imagery provided by Google Earth provided coverage of the entire length of the Site.

##### Set 1 of Aerial Photographs – Nagle Road to Gully Road

- 1929, 1965, 1976, 1981, and 1987 (focused around Nagle Road), from ERIS
- 2005 (Danforth Road only), 2009, 2012, 2014, 2015, 2016, 2017 from Google Earth

##### Set 2 of Aerial Photographs – Gully Road to Vernonville Road

- 1929, 1965, 1976, 1981, and 1987 (focused around Lyle Street Interchange), from ERIS
- 2005, 2009, 2011, 2012, 2014, 2015, 2016, 2017 from Google Earth

##### Set 3 of Aerial Photographs – Vernonville Road to Herley Road

- 1929, 1965, 1976, 1981, and 1987 (focused around Percy Street Interchange), from ERIS
- 2005 (Herron Road only), 2007, 2009, 2011, 2014, 2015, 2016, 2017 from Google Earth

The portions of the Site included in each Set referenced above are visible in the following figures in **Appendix A: Set 1 (Figures 3-1 to 3-6) Set 2 (Figures 3-6 to 3-11), Set 3 (Figures 3-11 to 3-16)**. The table below provides a summary of pertinent information obtained from the aerial photographs and satellite imagery listed above:

Year	Summary
<b>Set 1:</b>	
1929	The study area appeared to consist of agricultural or wooded areas, with some agricultural buildings and residential homes. A few areas of swampy or standing water are visible within the study area.
1965	The study area was generally consistent with the layout as shown on the 1929 aerial photograph, with the exception of the appearance of Highway 401 and the apparent Baltimore Road interchange (beyond the study area).

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Results

February 27, 2019

Year	Summary
1976 - 2009	The study area was generally consistent with the layout as shown on the 1965 aerial photograph, with the exception of three pits or areas of ground disturbance east of Nagle Road and north of Highway 401 that appeared in 1976.
2012	The study area was generally consistent with the layout as shown on the 2009 aerial photographs, with the exception that two areas of disturbed earth could be seen adjacent to Northumberland Heights Road, north of Highway 401 (Lots 32 and 33, Concession 2, Haldimand Twp.), and disturbed earth was also visible east of Nagle Road and just north of Highway 401 (Lot 3, Concession 1, Hamilton Twp.).
2014	The study area was generally consistent with the layout as shown on the 2012 aerial photographs, with the exception that areas of disturbed earth that were observed near Northumberland Heights Road appeared to be overgrown.
2015	The study area was generally consistent with the layout as shown on the 2014 aerial photographs, with the exception that work along the shoulder of the westbound 401 was visible east of Nagle Road.
2016	The study area was generally consistent with the layout as shown on the 2015 aerial photographs, with the following exceptions: the areas of disturbed earth near Northumberland Heights Road (originally noted in 2012) had been re-disturbed. A new building was visible on Lot 33, Concession 2, Haldimand Twp. Another area of disturbed earth/ road construction could be seen further to the east adjacent to Northumberland Heights Road (Lot 34, Concession 2, Haldimand Twp.).
2017	The study area was generally consistent with the layout as shown on the 2016 aerial photographs, with the exception that an area of disturbed earth was visible east of Cunningham Road and South of Highway 401 (Lot 6, Concession 1, Haldimand Twp.).

**Set 2:**

1929	The study area appears to consist of agricultural or wooded lots, with related agricultural buildings and residential homes. A few areas of swampy or standing water were visible within the study area.
1965	The study area was generally consistent with the layout as shown on the 1929 aerial photograph, with the exception of the appearance of Highway 401 and the apparent Lyle Street/County Road 23 interchange.
1976	The study area was generally consistent with the general layout as shown on the 1965 aerial photograph, with the exception of a visible building in the southeast corner of the Lyle Street and Highway 401 interchange. Cranberry Lake is clearly visible. Some ground disturbance is visible north of the highway near Edwardson Road.
1981 - 1995	The study area was generally consistent with the general layout as shown on the 1976 aerial photograph, with the exception of some ground disturbance in the study area south of Highway 401 near the Lyle Street interchange.
2005	The study area was generally consistent with the 1995 aerial photograph, with a few changes. A building, believed to be the County of Northumberland Material Recovery Facility described below, was visible at 280 Edwardson Road. Another building, in the southeast corner of the Lyle Street and Highway 401 interchange, believed to be a highway maintenance yard, was also visible. Paved areas and buildings were noted in the northeast corner of the Lyle Street and Highway 401 interchange, believed to be the fire/ rescue station and transformer station located off of Edwardson Road. A golf course was observed north of Highway 401 and east of Shelter Valley Road. Disturbed earth could be seen west of Gully Road and South of Highway 401 (Lots 31 and 32, Concession 1, Haldimand Twp.).
2009	Similar to 2005, the study area appears to consist of agricultural or wooded lots, with related agricultural buildings and residential homes. An area of new development was visible east of the

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Results

February 27, 2019

Year	Summary
	Lyle Street interchange and north of Highway 401 (Lot 19, Concession 1, Haldimand Twp.). An additional building was visible on the highway maintenance yard property.
2011	The study area was generally consistent with the layout as shown on the 2009 aerial photographs, with the exception of expansion of the golf course west of Shelter Valley Road. The area of development east of the Lyle Street interchange and north of Highway 401 was obscured by clouds in the 2011 photograph.
2012	The study area was generally consistent with the layout as shown on the 2011 aerial photographs, with the exception of a new residential building visible north of the Highway 401 off of Gully Road (Lot 30, Concession 1, Haldimand Twp.). The developed area east of the Lyle Street interchange was visible and consisted of a parking area.
2014 - 2015	The study area was generally consistent with the layout as shown on the 2012 aerial photographs, with the exception of further development on the property east of the Lyle Street interchange, an area of disturbed earth in the northeastern corner of the Lyle Street and Highway 401 interchange (Lot 22, Concession 1, Haldimand Twp.), and construction of a widened road beside the highway maintenance yard (Lot 21, Concession 1, Haldimand Twp.). A new building appeared to have been constructed at the maintenance yard.
2016 - 2017	The study area was generally consistent with the general layout as shown on the 2015 aerial photographs, with the exception of further development (potential buildings) on the property east of the Lyle Street interchange.

**Set 3:**

1929	The study area appears to consist mainly of agricultural or wooded lots, with related agricultural buildings and residential homes.
1965	The study area was generally consistent with the layout as shown on the 1929 aerial photograph, with the exception of the appearance of Highway 401, with an interchange at Percy Street.
1976	The study area was generally consistent with the layout as shown on the 1965 aerial photograph, with the exception of a visible building at the northwestern corner of the Percy Street and Highway 401 interchange.
1981 - 1987	The study area was generally consistent with the layout as shown on the 1976 aerial photograph, with the exception of some additional buildings visible south of Highway 401 near the Percy Street interchange.
1995 - 2005	The study area was generally consistent with the layout as shown on the 1981 aerial photograph, with the exception of development associated with a tourist rest stop that appeared in 1995 in the southwestern corner of the Highway 401 and Percy Street interchange.
2007	Similar to earlier photographs, the study area appeared to consist mostly of agricultural or wooded lots, with related agricultural buildings and residential homes. Buildings were visible on 176 County Road 25, which corresponded with the buildings at Gary Steacy Dismantling Ltd. that were observed during the site reconnaissance. The parking lot and associated buildings for the Big Apple tourist stop (observed during the site reconnaissance) were also visible in the southwestern corner of the County Road 25 and Highway 401 interchange. Industrial buildings were visible along Purdy Road, south of Highway 401 between County Road 25 and Herley Road.
2009 - 2011	The study area was generally consistent with the layout as shown on the 2007 aerial photographs, and the property at 32 Industrial Park Road North (believed to be Northumberland Waste Transfer) had been developed to include a large parking lot and building.
2014	The study area was generally consistent with the layout as shown on the 2009 and 2011 aerial photographs, with the exception of an additional building being visible at 176 County Road 25; and an area of disturbed earth visible east of Herron Road and south of Highway 401 (Lot 2, Concession 1, Haldimand Twp.).



## CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE (GWP 4060-11-00)

### Results

February 27, 2019

Year	Summary
2015	The study area was generally consistent with the layout as shown on the 2014 aerial photographs, with the exception of an area of disturbed earth visible off of Herron Road, south of the Highway 401 (Lot 7, Concession 1, Haldimand Twp.).
2016	The study area was generally consistent with the layout as shown on the 2015 aerial photographs, with the exception of an area of disturbed earth south of Highway 401 at Lot 31, Concession 3, Cramahe Twp.
2017	The study area was generally consistent with the layout as shown on the 2016 aerial photographs, with the exception of a new development (parking lot and two buildings) visible adjacent to the Northumberland Waste Transfer facility (32 Industrial Park Road, Cramahe Twp.).

No current or historical railways were identified within the study area during the aerial photograph review.

### 3.1.2 Physiographic Setting

According to available physiographic information (Chapman and Putnam, 1984), the Site is within the Iroquois Plain Physiographic Region that is characterized by till and sand plains with occasional drumlins. According to the Quaternary Geology of Ontario map published by the Ontario Geologic Survey (Map 2556), the surficial soil in the vicinity of the Site generally consists of glaciolacustrine deposits with sand, gravelly sand and gravel, as well as occasional glaciolacustrine deposits containing silt and clay and minor sand.

Twenty-six borehole and well records within the study area were provided by ERIS. In general, the overburden material of the boreholes or wells within 100 m of the Site consisted of a layer of topsoil, underlain by a layer of gravel sandy loam till with occasional clay, underlain by gravelly sand. The depth of the overburden material in the vicinity of the Site ranged from 0.3 m below ground surface (BGS) to 15.7 m BGS.

According to bedrock geology mapping published by the Ontario Geologic Survey (Map 2544), bedrock in the vicinity of the Site is classified as the Shadow Lake Formation and consists of limestone, dolostone, shale, arkose, and sandstone.

### 3.1.3 Hydrogeological Setting

The Site was observed to consist of rolling hills. The adjacent properties were generally above the typical site grade on the northwestern side of the highway, and occasionally below the site grade on the southeastern side of the highway. Often, there was an elevated berm along the roadway.

Based on a review of available maps and the topography observed in the vicinity of the Site, the inferred regional groundwater flow appears to be directed generally towards the southwest and towards Lake Ontario. The distance to Lake Ontario ranges from approximately 3.1 km to 5.2 km southwest of Highway 401. The elevation of the local groundwater table can generally mimic the local topography and may not reflect the regional trend in drainage. The local shallow groundwater flow pattern also can be influenced by subsurface structures in the vicinity, such as building foundations, weeping tiles, and utility trenches. There are also several local streams (see **Figures 2, 3-1 through 3-16, Appendix A**) and lakes (Cranberry Lake, see **Figures 3-7 and 3-8, Appendix A**) that could influence shallow groundwater flow.



Results  
February 27, 2019

### 3.1.4 ERIS Historical Database Review

This section summarizes pertinent information provided by the ERIS database review. The complete ERIS report is included in **Appendix D** and additional details regarding identified PSOCs are included in **Table 1, Appendix B**.

#### 3.1.4.1 County of Northumberland Material Recovery Facility

Seven records within the ERIS report were associated with the County of Northumberland Material Recovery Facility, located at 280 Edwardson Road (refer to **Figure 3-7, Appendix A**). The following is a summary of the records considered to represent a PSOC to the Site:

- The property at 280 Edwardson Road was identified as a waste disposal site (approvals granted in 1996 and 1997).
- This property was also listed as a waste generator in 1992, 1993, and 1996 through 2001 of at least one of the following: brines and alkali wastes, waste fuels, oils & lubricants, pesticides, laboratory chemicals, pathological wastes, waste compressed gases, and paint & coating residues.
- The former Grafton landfill, closed in 1993, was identified as having been present on the same lot as this property; however, the exact location was not determined. An area of ground disturbance was observed in the 1976 aerial photograph, which may correspond to this historical landfill. This feature was more than 200 m to the north of the Site.

The material recovery facility is adjacent to the northern site boundary, approximately 55 m from the centerline of Highway 401 and west of the Lyle Street interchange. The proximity of this property to the highway and the presence of waste disposal and generation indicate that it represents a PSOC (**PSOC 3**).

#### 3.1.4.2 MTO Maintenance Yard

Seven records within the ERIS report were associated with a MTO Maintenance Yard, also known as the Grafton Patrol Yard, situated at the southeastern corner of the Lyle Street/County Road 23 interchange along Highway 401 (refer to **Figure 3-8, Appendix A**). The following is a summary of the environmentally significant records associated with this property:

- A liquid fuel tank, capacity 19,500 L, was reported to be present at this property as part of a private fuel outlet, with an approval that expired in 1999.
- A Certificate of Approval for an oil/water separator was granted for the Grafton Patrol Yard in 2000.

Based on the historical presence of fuel tanks and an oil/water separator at the MTO Maintenance Yard, this property represents a PSOC (**PSOC 4**).

#### 3.1.4.3 Gary Steacy Dismantling Limited

29 records within the ERIS report pertained to Gary Steacy Dismantling Limited (Ltd.), listed at 176 County Road 25 (northwest of the Site, refer to **Figure 3-15, Appendix A**). The following is a summary of the findings of these records:



Results

February 27, 2019

- Gary Steacy Dismantling Ltd. was granted approval as a waste disposal site in 1996 and from 1998 to 2001.
- Gary Steacy Dismantling Ltd. was listed as waste generator for at least one of the following from 1989 and 1990 and 1992 through 2017: waste oils & lubricants, oil skimmings & sludges, alkaline wastes, fuels, paint and coating residues, solvents, PCBs, and other inorganics.
- Gary Steacy Dismantling Ltd. was also listed as a waste receiver for at least one of the following from 1992 through 2008: oil skimmings & sludges, neutralized metal waste, inorganics, solvents, PCBs, and waste oils & lubricants.
- An application was filed in 2002 to allow Safety-Kleen (On-Site) Incorporated to process PCB contaminated mineral oil at the Gary Steacy Dismantling Ltd. site.

The proximity of this property to the Site and likely upgradient location indicate that the reported historical waste generation and receiving, and processing of PCBs, at this property represent a PSOC (**PSOC 5**).

#### 3.1.4.4 Historical Spills

Records for spills related to vehicular incidents on Highway 401 within the study area were noted in both the plottable and unplotable sections of the ERIS report. Twenty-five spills (up to 3000 L) that likely occurred within the Study Area were reported between 1989 and 2014 associated with traffic accidents. These spills involved a variety of contaminants including anionic detergent, operating fluid, diesel, gasoline, and hydraulic oil. Full details can be found in the ERIS report (**Appendix D**).

Residual impacts to soil and/or water that may remain following these releases represents a PSOC (**PSOC 2**) that extends along the entire Site.

#### 3.1.4.5 Other Records

ERIS provided several unplotable records that may be associated with the study area. The following is a summary of the unplotable records that may represent a PSOC to the Site:

- The former Eagleson Landfill (closed 1988), in the Town of Cobourg, was identified to be a small landfill present on Lot 32 of Concession 1, Haldimand Twp. The Eagleson Landfill was listed as a waste generator in 1992, 1993, and 1997 for landfill leachates. Based on GIS coordinates of this former landfill in the 1991 Waste Disposal Site Inventory, this landfill was situated about 700 m southeast of Highway 401 in the inferred downgradient direction relative to the Site. Given the distance, size, and age of this landfill, it is not considered to represent a PSOC at the Site.
- A number of Abandoned Aggregate Inventory records were identified that described abandoned pits and/or quarries that may be within the study area. Insufficient details were included to confirm the exact locations or sizes of these aggregate developments; however, records existed for various lots within Concession 1, Hamilton Twp. and Concession 1, Haldimand Twp., which may be within the study area of the Site. One abandoned aggregate facility within Lot 30, Concession 1, Haldimand Twp. was identified as the former Haldimand Twp. Dump, but the record also suggested that the facility had been rehabilitated. The presence of a historical waste disposal site and aggregate development near the Site represents a PSOC (**PSOC 7**). The presence of the other current or historical rehabilitated pits or quarries near the Site was not considered to represent a significant PSOC to the Site.



Results

February 27, 2019

- Enbridge Pipelines Inc. was listed as a waste generator of oil skimmings & sludges and light fuels at Concession 2, Lot 23 in "Coburg", Ontario. Based on the assumption that this refers to Lot 23 of Concession 2, Haldimand Twp., this would be located greater than 2.5 km from the Site, and is not considered to represent a PSOC at the Site.

### 3.1.5 Previous Reports

A Phase I and II ESA was completed for the MTO Maintenance Yard in 2018 by McIntosh Perry Consulting Engineers Ltd (McIntosh Perry) The McIntosh Perry Phase I ESA indicated that three above ground fuel storage tanks (ASTs) were present at the MTO Maintenance Yard at the time of the Phase I ESA site visit, and the locations of multiple former underground storage tanks (USTs) were also identified. The locations of the current and historical tanks were identified in the McIntosh Perry Phase I ESA to be in the northern portion of the MTO Maintenance Yard, which is within the site boundary. The subsurface investigation that comprised part of the Phase II ESA indicated that petroleum hydrocarbon and volatile organic compound soil impacts were present at the MTO Maintenance Yard (McIntosh Perry, 2018).

Based on the historical presence of fuel tanks and the documentation of petroleum hydrocarbon and volatile organic compound impacts at the MTO Maintenance Yard, this property represents a PSOC (PSOC 4).

## 3.2 SITE RECONNAISSANCE

The results of the site reconnaissance conducted on July 10, 2017 are summarized in the following sections.

Pertinent photographs of the Site are provided in **Appendix C**, and the site details are indicated on **Figure Nos. 3-1 to 3-16, Appendix A**.

### 3.2.1 General Site Layout and Observations

The Site included the Highway 401 road allowance, extending on either side of the highway, from approximately 2 km east of Nagle Road in Cobourg, Ontario to 800 m east of Percy Street (County Rd. 25) in Northumberland County (**Figure 1, Appendix A**). The observed surface features included asphalt, concrete and gravel associated with the highway. There are four bridges passing over the roadway along Highway 401 within the study area, at Danforth Road, Gully Road, Lyle Street, and County Road 25. There are also three roads that pass under Highway 401: Shelter Valley Road, Vernonville Road, and Boyce's Bridge Road. Adjacent surface features included fields, wooded areas, swamps, low-lying vegetation, and surface water drainage. No railway lines were noted during the windshield survey.

During the windshield survey, bermed areas were observed on either side of Highway 401 along the length of the Site. Additionally, multiple stockpiles were observed at different locations on agricultural properties within and adjacent to the Site and within the Study Area (north of Highway 401 on Lot 22, Concession 1, Haldimand Twp., Lot 32, Concession 2, Haldimand Twp., and cultivated field north of Highway 401 on Lot 1, Concession 1, Haldimand Twp.). Other stockpiles were noted on adjacent agricultural properties to the Site, but outside of the Study Area (100 Gully Road). The stockpiles have



Results

February 27, 2019

been identified on **Figures 3-5, 3-6, 3-8, and 3-14 (Appendix A)**. Most of these stockpiles were beyond the site boundary; however, the stockpiles observed to the northeast of the Lyle Street North/County Road 23 interchange (**Figure 3-8, Appendix A**) were within the Site and represent a PSOC (**PSOC 1**).

Given the site use as a highway, it is likely that road de-icing materials have impacted the soil and/or groundwater quality along much of the Site. Salt-related parameters are not considered to be contaminants on a highway project when de-icing salt has been used for winter road maintenance (O.Reg. 153/04 s.48 (3)); however, salt-impacted soil or water would require special management measures if being removed off-site.

Rock Ridges Landscaping is present at 10173 Danforth Road East (**Figure 3-5, Appendix A**), and multiple piles of landscaping mulches and soil, as well as a few plastic storage containers, were observed on the property that appeared to be empty. The stockpiled materials were beyond the site boundary, and it did not appear that bulk storage of fuels or pesticides occurred at this location; consequently, it was not considered to represent a PSOC.

The County of Northumberland Material Recovery Facility was observed at 280 Edwardson Road during the site visit (see **Figure 3-7, Appendix A**). It appeared to be an operational facility, with visible transport trucks on-site. Waste processing operations at this adjacent property were considered to represent a PSOC (**PSOC 3**).

A Fire and Rescue Station was observed adjacent to Edwardson Road in the northwest corner of the Lyle Street interchange along Highway 401 (see **Figure 3-8, Appendix A**). No vehicles were observed outside of the buildings, but the facility appeared to be operational. The potential for fuel storage, minor vehicle repairs, and waste from associated fire-fighting activities were considered to represent a PSOC (**PSOC 8**). A transformer station was also observed to the east of the Fire and Rescue Station along Edwardson Road. The potential for PCB impacts from the transformer station are also considered to represent a PSOC (**PSOC 9**).

A MTO maintenance yard was observed at the southeastern corner of the Lyle Street/County Road 23 Interchange along Highway 401 (**Figure 3-8, Appendix A**), and appeared to be operational at the time of the site visit. Stockpiles of gravel were observed on this property. Fueling and likely storage of deicing salt at this facility represent a PSOC (**PSOC 4**).

Gary Steacy Dismantling Ltd is located at 176 County Road 25 (**Figure 3-15, Appendix A**). During the site visit, this property was observed to be operational. Several trailers and dumpsters were observed on-site for storage or transportation of waste. Boiler pipes and/ or smokestacks were also visible from the roadway. Given that this is an operational waste management and disposal facility, it is considered a PSOC (**PSOC 5**).

Northumberland Waste Transfer was observed from Highway 401 at 32 Industrial Park Road North, to the southeast of the County Road 25 interchange (**Figure 3-15, Appendix A**). Transport trucks and other large equipment were observed on the property. The records review indicated that this transfer station accepts non-hazardous waste including construction and demolition waste, household and yard waste,



Results

February 27, 2019

electronic equipment, scrap metal, and furniture. As a waste transfer station, this property is considered a PSOC (**PSOC 6**).

Also visible from Highway 401 was a property occupied by CCC Chemicals, on Lot 31, Concession 2, Cramahe Twp. (**Figure 3-16, Appendix A**). Several large transport trailers were observed near this property, as well as large aboveground storage tanks with unknown contents. This facility is listed on the CCC Group website as a plastic manufacturing facility (CCC Group, 2018). The location of this facility about 300 m southwest of the centerline of Highway 401 suggested that it was unlikely to represent a significant environmental concern at the Site. Furthermore, there were no database listings associated with this property in the ERIS report.

### 3.2.1.1 Site Services

Overhead electrical lines, roadside ditches and culverts were observed along Highway 401 and along the interchanges. Various underground telecommunication or other services and their associated support structures are also expected to be present at the Site. No pipeline markers were observed during the Site visit.

### 3.2.2 Storage Tanks

No storage tanks were observed on the Site; however, records exist for a liquid fuel storage tank at the MTO Maintenance Yard southeast of the Lyle Street interchange (**PSOC 4**), and previous reports confirmed the presence of ASTs and USTs at this property.

### 3.2.3 Building Materials

Buildings associated with the MTO maintenance yard were present within the Site and study area. Typical road construction materials (e.g., asphalt, concrete, etc.) were present in surfaces covering the road allowance. Building materials associated with bridges and culverts are also present along the Site. It is possible that buildings and/or structures within the Site may contain asbestos, lead, urea formaldehyde foam insulation (UFFI), PCBs, ozone depleting substances, or other special attention items; however, detailed observation of structures was not undertaken as part of the COS.

### 3.2.4 PCBs

Pole-mounted transformers were identified along the roadway of the Site. Transformers may contain PCBs; however, it is anticipated that the transformers have been upgraded and no longer contain PCBs. For this reason, the presence of pole-mounted transformers at the Site was not considered to represent a significant environmental concern.

As indicated in **Section 3.1.4.3**, approval was granted to process PCB contaminated mineral oil at the Gary Steacy Dismantling Ltd. facility (**PSOC 5**).



Results  
February 27, 2019

### 3.2.5 Chemical Storage

Chemical storage was not observed on the Site.

### 3.2.6 Waste Generation and Disposal

No evidence of waste generation or disposal was observed on the Site. As indicated above, waste receiving and storage facilities were identified at adjacent properties to the Site, including the County of Northumberland Material Recovery Facility (**PSOC 3**), Gary Steacy Dismantling (**PSOC 5**), and Northumberland Waste Transfer (**PSOC 6**); see relevant discussions in **Section 3.1.4**.

### 3.2.7 Surficial Staining, Fill, Debris, and Vegetation Observations

Surficial staining or stressed vegetation was not observed at the Site; however, numerous berms were observed within the study area. It is also likely that fill materials were imported onto the Site for the purposes of road construction. The environmental quality of the imported and bermed fill is unknown and represents a PSOC (**PSOC 1**).



Environmental Concerns  
February 27, 2019

## 4.0 ENVIRONMENTAL CONCERNS

PSOC were identified that may contribute to environmental concerns at the Site. The PSOC are summarized in Section 4.1 and are listed in **Table 1 (Appendix B)**, along with a ranking of the likelihood (i.e., high, moderate, or low) that the soil and/or groundwater quality at the Site has been impacted.

### 4.1 POTENTIAL SOURCES OF CONTAMINATION

Properties or features identified as being PSOCs to the Site are summarized below:

- **PSOC 1** – Fill at various locations on the Site. At the time of the Site visit, bermed areas were observed on either side of Highway 401. The environmental quality of this imported fill, in addition to any other fill imported for the purposes of road construction, is unknown. Stockpiled soil was also observed within the northeastern portion of the Lyle Street interchange (**Figure 3-8, Appendix A**). The potential for this PSOC to have impacted site soil or groundwater quality is considered to be high.
- **PSOC 2** – Historical spills at various locations on the Site. The ERIS report records indicated that a number of historical spills occurred on Highway 401 within the Site. Although most of the reported spills were indicated to have been cleaned up, were minor, or occurred several years ago, the potential for this PSOC to have impacted site soil or groundwater quality is considered to be moderate.
- **PSOC 3** – County of Northumberland Material Recovery Facility, 280 Edwardson Road (**Figure 3-7, Appendix A**). This operational waste disposal site has been present since approximately 2005 (as observed in aerial photographs) to the north of the Site in the inferred upgradient direction. This property is also listed as a generator of several different wastes. Based on the nature of site activities and proximity to the Site in the inferred upgradient direction, this PSOC is anticipated to represent a high concern to the Site.
- **PSOC 4** – MTO Maintenance Yard (**Figure 3-8, Appendix A**). The MTO Maintenance Yard at the southeastern corner of the Lyle Street interchange with Highway 401 was observed to be a functional maintenance yard at the time of the site visit. From aerial photographs, it appears to have been active since at least 2005. ERIS reports indicated that a liquid fuel tank and oil-water separator were approved at this property. A previous environmental investigation indicated that the MTO Maintenance Yard has had USTs and ASTs, in addition to documented petroleum hydrocarbon and volatile organic compound impacts. Although this property was situated in the inferred downgradient direction, based on the location of the yard within the Site and current and historical activities, this PSOC is considered to represent a high concern to the Site.
- **PSOC 5** – Gary Steacy Dismantling Ltd., 176 County Road 25 (**Figure 3-15, Appendix A**). This active waste receiver and generator was also approved to manage PCBs and has been active since approximately 2007 (as observed in aerial photographs). This property is situated within the northwestern portion of the Percy Street interchange and is in the inferred upgradient direction relative to the Highway 401 alignment. Based on the nature of site activities and location within the Site, this PSOC is anticipated to represent a high concern to the Site.
- **PSOC 6** – Northumberland Waste Transfer, 32 Industrial Park Road North (**Figure 3-15, Appendix A**). At the time of the Site visit, an active waste transfer station was observed at this property for non-hazardous wastes. Development at this property was observed in aerial photographs from 2009. This property is situated within the southeastern portion of the Percy Street interchange at Highway 401. Although this waste facility is partially situated within the Site, based on the nature of the wastes, the limited timeframe of operation, and the temporary nature of waste storage, the



Environmental Concerns

February 27, 2019

potential for this PSOC to have impacted site soil or groundwater quality is considered to be moderate.

- **PSOC 7** – Various locations. The ERIS report records identified several aggregate developments on different properties adjacent to the Site, both upgradient and downgradient. One abandoned aggregate facility within Lot 30, Concession 1, Haldimand Twp. was identified as the former Haldimand Twp. Dump, but the record also suggested that the facility had been rehabilitated. The presence of a historical waste disposal site and aggregate development near the Site represents a moderate PSOC. The presence of the other current or historical rehabilitated pits or quarries near the Site was not considered to represent a significant PSOC to the Site.
- **PSOC 8** – Fire and Rescue Station (**Figure 3-8, Appendix A**). At the time of the Site visit, a fire and rescue station was observed along Edwardson Road in the northwest corner of the Lyle Street interchange at the Site. No vehicles were observed outside of the buildings, but the facility was believed to be operational. A building was first observed at this location in the 2005 aerial photograph. This property is partially located within the Site and is considered to represent a PSOC based on the potential for fuel storage, minor vehicle repairs, and waste from associated fire-fighting activities. Given the age of the building, the impact of this PSOC is considered to be moderate.
- **PSOC 9** – Transformer Station (**Figure 3-8, Appendix A**). At the time of the Site visit, a transformer station was observed off Edwardson Road in the northwest corner of the Lyle Street interchange along Highway 401. The station was first observed in an aerial photograph from 2005. Given the age and location of the station within the Site, the potential impacts are considered to be low.

## 4.2 RECOMMENDATIONS

Based on the PSOCs identified in Section 4.1, the following recommendations are provided:

- A Preliminary Site Screening (PSS), Phase I ESA and Phase II ESA (if recommended as part of the PSS or Phase I ESA) should be completed for any property that will be acquired by MTO in accordance with the requirements of the MTO documents Environmental Guide for Contaminated Property Identification and Management (MTO, 2006) and Environmental Reference for Highway Design (MTO, 2013). If building demolition will be required, designated substance surveys should be completed for buildings or structures prior to demolition.
- Soil and groundwater that will be disturbed during construction should be sampled and analyzed for metals and inorganics (including electrical conductivity and SAR), PAH and petroleum hydrocarbons (PHC). In addition, areas within or adjacent to PSOC should be analyzed for the specific contaminants of concern as described in Table 1. The selection of soil for analysis should take into consideration the presence of anthropogenic substances such as debris/waste, and PHC, solvent, or other unusual odours or staining.
- Should excess soil be generated at the Site during future construction activities, soils that do not meet the Standards listed in Table 1 of the MECP document *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (April 15, 2011) may not be considered inert fill upon excavation, and off-site management options for excess soils that cannot be reused within the Site must be considered. It is understood that salt-related parameters may not be considered to be contaminants in a road alignment, when de-icing salt has been used for winter road maintenance (O.Reg. 153/04 s.48 (3)); however, soil or water impacted by salt should be managed according to MECP guidance if it is to be removed from the right-of-way.
- Should excess water be generated at the Site during future construction activities, water quality analyses should be conducted to determine appropriate management methods. This work should be done in coordination with a QP<sub>ESA</sub> as defined by Ontario Regulation 153/04, to maintain data quality and provide an appropriate assessment of water quality.



**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Environmental Concerns

February 27, 2019

- Should evidence of soil or water impacts be identified during construction (e.g., staining, odours, petroleum hydrocarbon sheen) samples should be collected for laboratory analyses to confirm concentrations of potential contaminants so as to develop appropriate material management, and health and safety guidelines.



Limitations  
February 27, 2019

## **5.0 LIMITATIONS**

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

This report is limited by the following:

- Review of the specific databases and information sources listed.
- Site visit included observations from publicly accessible areas only.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be



**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Limitations

February 27, 2019

inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

This report was prepared by Janice Cooper, M.Sc., EIT, and reviewed by Grace Ferguson, M.Sc., P.Eng. Qualifications are provided in **Appendix E**.

All of which is respectfully submitted,

**STANTEC CONSULTING LTD.**

**Janice Cooper**, M.Sc., EIT  
Environmental Scientist  
Tel: 519-585-7317  
Fax: 519-579-6733  
janice.cooper@stantec.com

**Grace Ferguson**, M.Sc., P.Eng.  
Senior Hydrogeologist  
Tel: 519-585-7456  
Fax: 519-579-6733  
grace.ferguson@stantec.com



## **6.0 REFERENCES**

Barnett, P.J., Cowan, W.R., and Henry, A.P. 1991. Quaternary Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2556, Scale 1:1 000 000.

Canadian Standard Association (CSA). 2016. CSA Standard Z768-01, Phase I Environmental Site Assessment.

CCC Group (2018). Facilities: Colborne, ON. Accessed on September 24, 2018 from <https://www.ccc-group.com/about/facilities/colborne>.

Chapman, L.J. and Putnam, D.F. 1984. The Physiography of Southern Ontario. Third Edition. Ontario Geologic Survey Special Volume 2.

Environmental Risk Information Services (ERIS). 2018. MTO Eastern Region Highway 401, Colborne, ON, 165001090.307.106.

ERIS. 2018. Aerial Photo Request: Highway 401 Widening - Cobourg to Colborne, Cobourg, ON.

Google Earth. 2005, 2009, 2012, 2014, 2015, 2016, 2017, and 2018. Aerial Imagery between Cobourg and Colborne, ON, Canada. Accessed July 2018.

McIntosh Perry Consulting Engineers Ltd. 2018. Phase I and II Environmental Site Assessment Grafton Patrol Yard, Grafton, Ontario.

Ontario Geological Survey. 1991. Bedrock Geology of Ontario, Southern Sheet; Map 2544, Scale 1: 1,000,000.

Ontario Geological Survey, 1991. Quaternary Geology of Ontario, Southern Sheet; Map 2556, Scale 1: 1,000,000.

Ontario Ministry of the Environment (MOE). 1991. Waste Disposal Site Inventory. ISBN 0-7729-8409-3.

Ontario Ministry of Natural Resources and Forestry (MNR). 2018. Make a Topographic Map. Accessed on September 24, 2018 from [http://www.gisapplication.lrc.gov.on.ca/matm/Index.html?viewer=Make\\_A\\_Topographic\\_Map.MATM&locale=en-US](http://www.gisapplication.lrc.gov.on.ca/matm/Index.html?viewer=Make_A_Topographic_Map.MATM&locale=en-US).

Ontario Ministry of Transportation (MTO). 2006. Environmental Guide for Contaminated Property Identification and Management, October 2006.

Ontario Ministry of Transportation (MTO). 2013. Environmental Reference for Highway Design, June 2013.



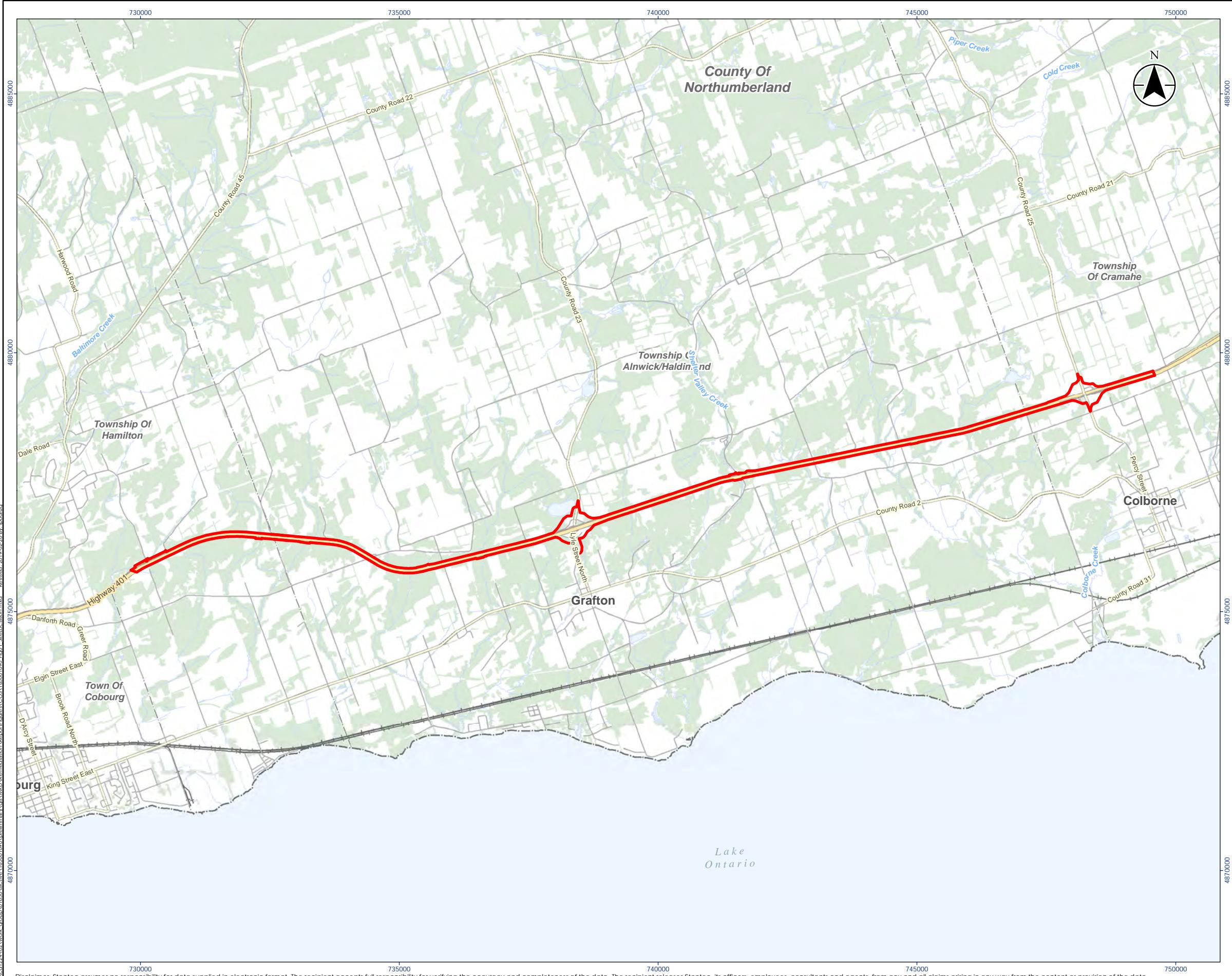
## **APPENDICES**

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Appendix A Figures  
February 27, 2019

## **Appendix A FIGURES**





## Legen

- Site
- Highway
- Major Road
- Local Road
- Railway
- Watercourse
- Municipal Boundary - Upper Tier
- Municipal Boundary - Lower Tier
- Waterbody
- Wooded Area

0 2 4 km  
1:75.000 (At original document size of 11x17)

## Notes

Coordinate System: NAD 1983 UTM Zone 17N  
Base features produced under license with Ontario Ministry of Natural Resources  
and Forestry © Queen's Printer for Ontario, 2018.  
This figure is to be viewed in the context of the accompanying report and is subject  
to the limitations specified in that report.



---

**Project Location**  
County of  
Northumberland

---

65001090.307.106 REVA  
pared by IP on 2019-02-20

Client/Project  
CONTAMINATION OVERVIEW STUDY, HIGHWAY 401  
PLANNING STUDY (GWP 4060-11-00)  
COBOURG TO COLBORNE, ONTARIO

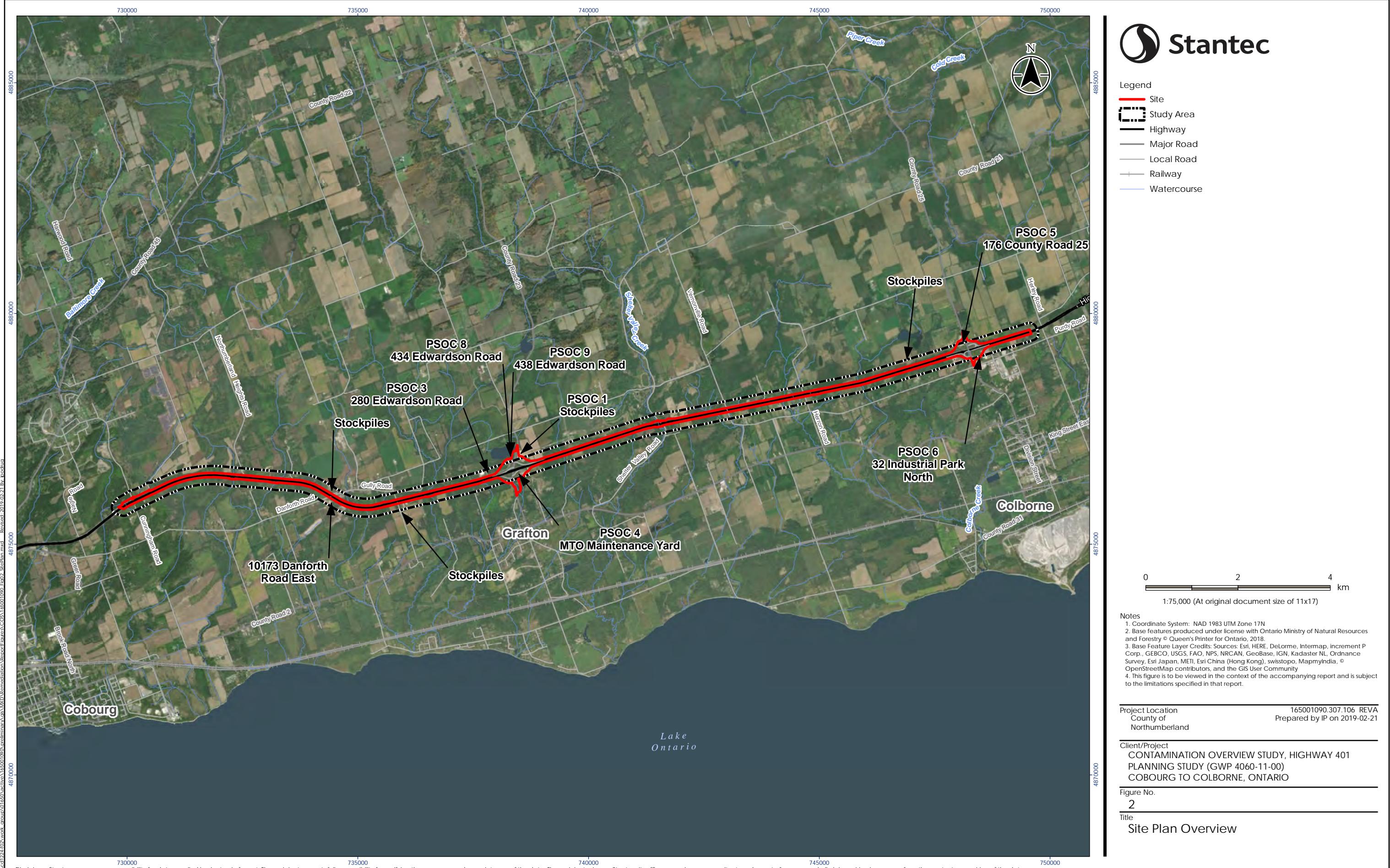
---

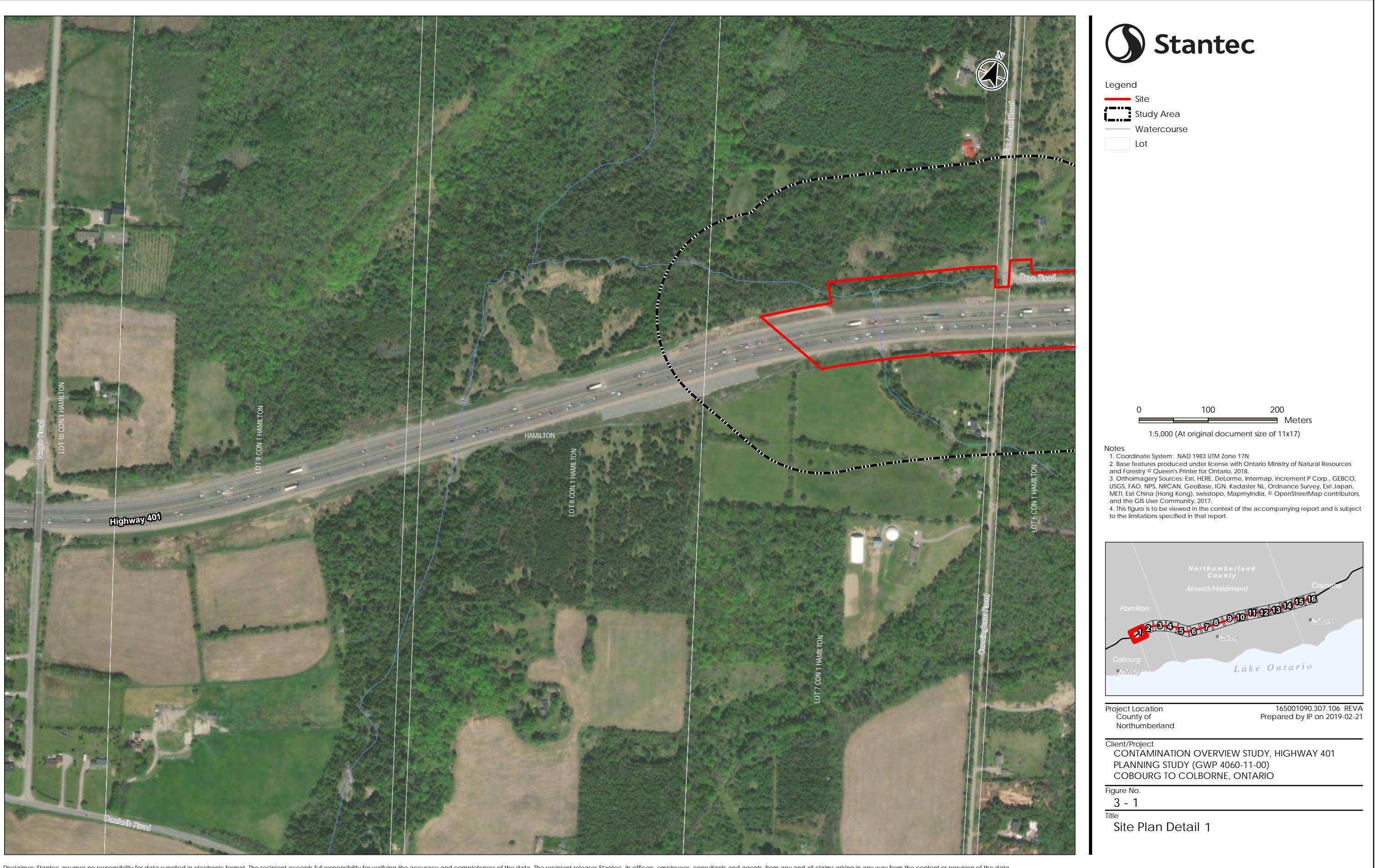
Figure 1

---

1

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.









### Legend

- Site
-  Study Area
- Watercourse
-  Lot

0      100      200      Meters

1:5,000 (At original document size of 11x17)

## Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
3. Orthoimagery Sources: Esri, HERE, Delorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCan, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community, 2017.
4. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.



---

Project Location  
County of  
Northumberland

165001090.307.106 REVA  
Prepared by IP on 2019-02-21

---

Client/Project  
CONTAMINATION OVERVIEW STUDY, HIGHWAY 401  
PLANNING STUDY (GWP 4060-11-00)  
COBOURG TO COLBORNE, ONTARIO

---

Figure No.

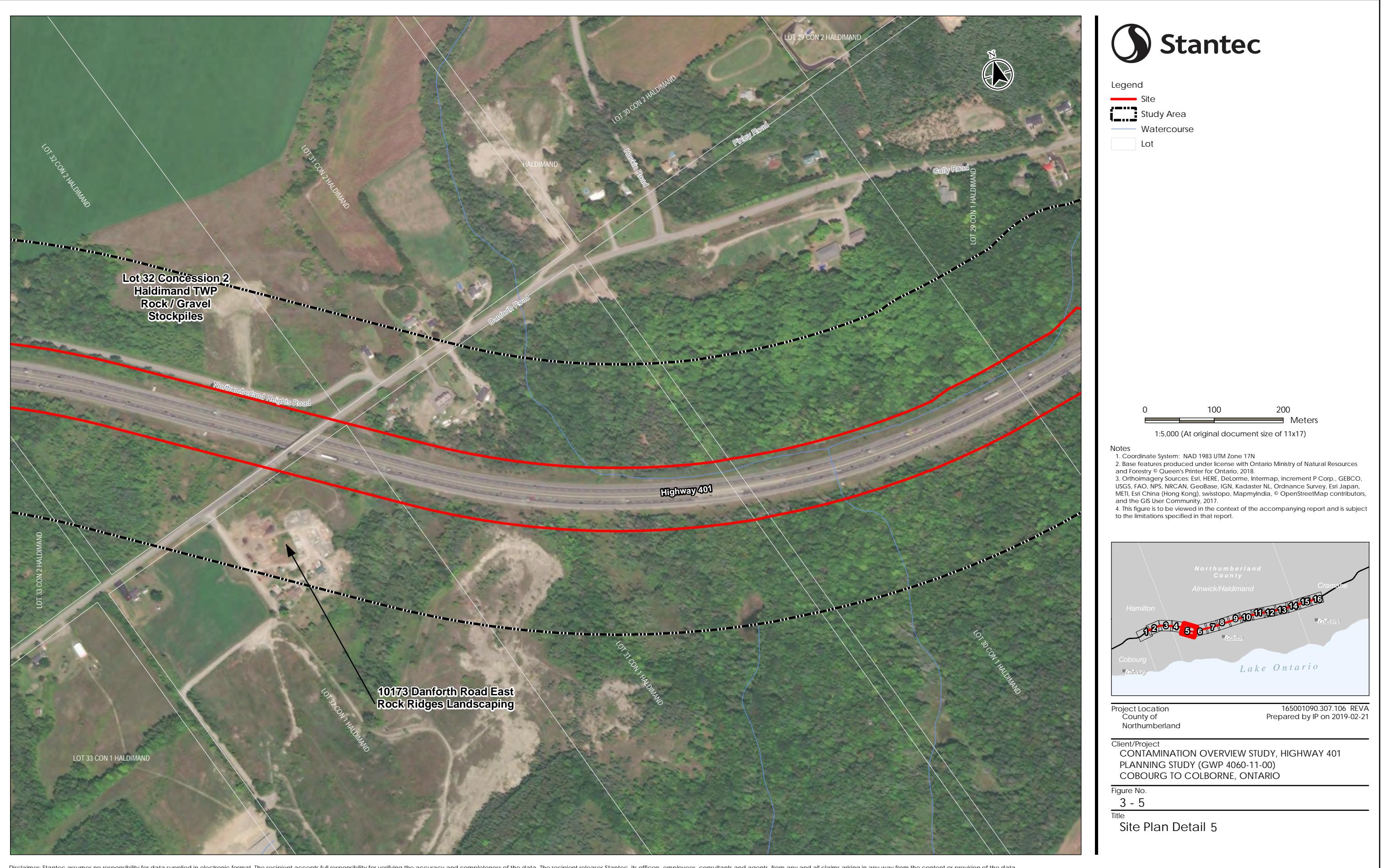
3 - 3

---

**Title**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.







165001090.307.106 REVA  
Prepared by IP on 2019-02-21



Legend

- Site
- Study Area
- Watercourse
- Lot

Notes

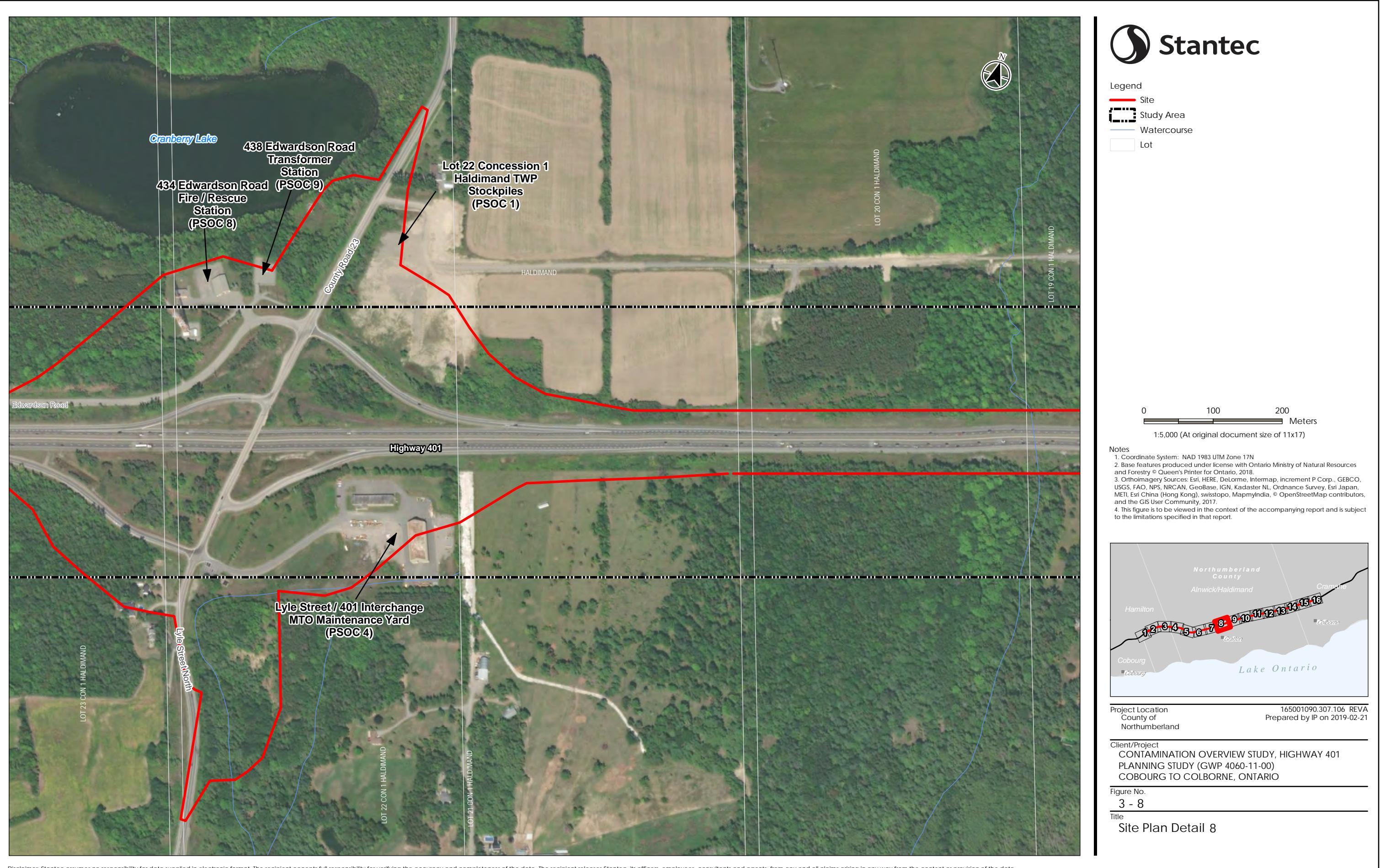
- Coordinate System: NAD 1983 UTM Zone 17N
- Base features produced under license with Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
- Orthoimagery Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCan, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community, 2017.
- This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.

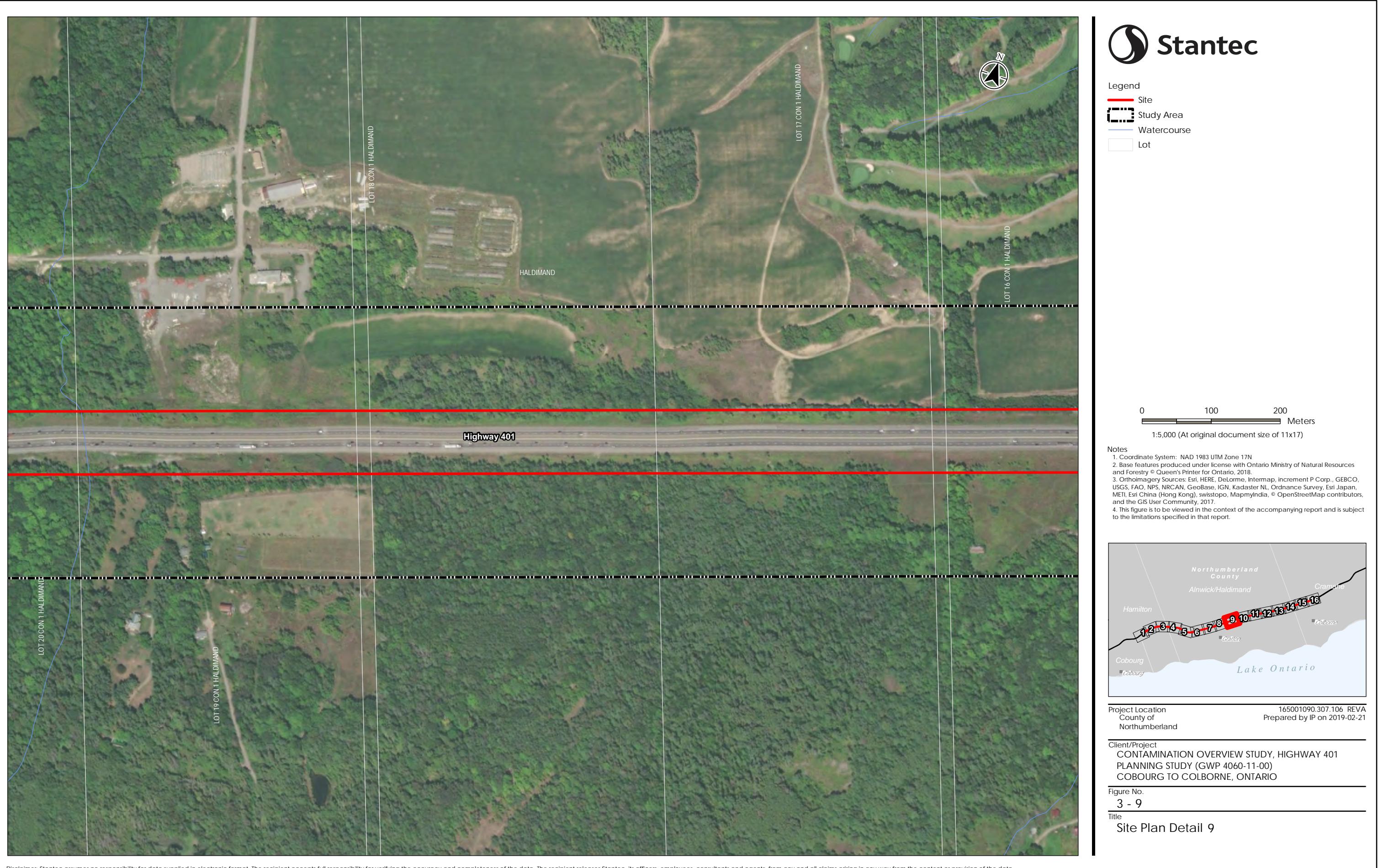


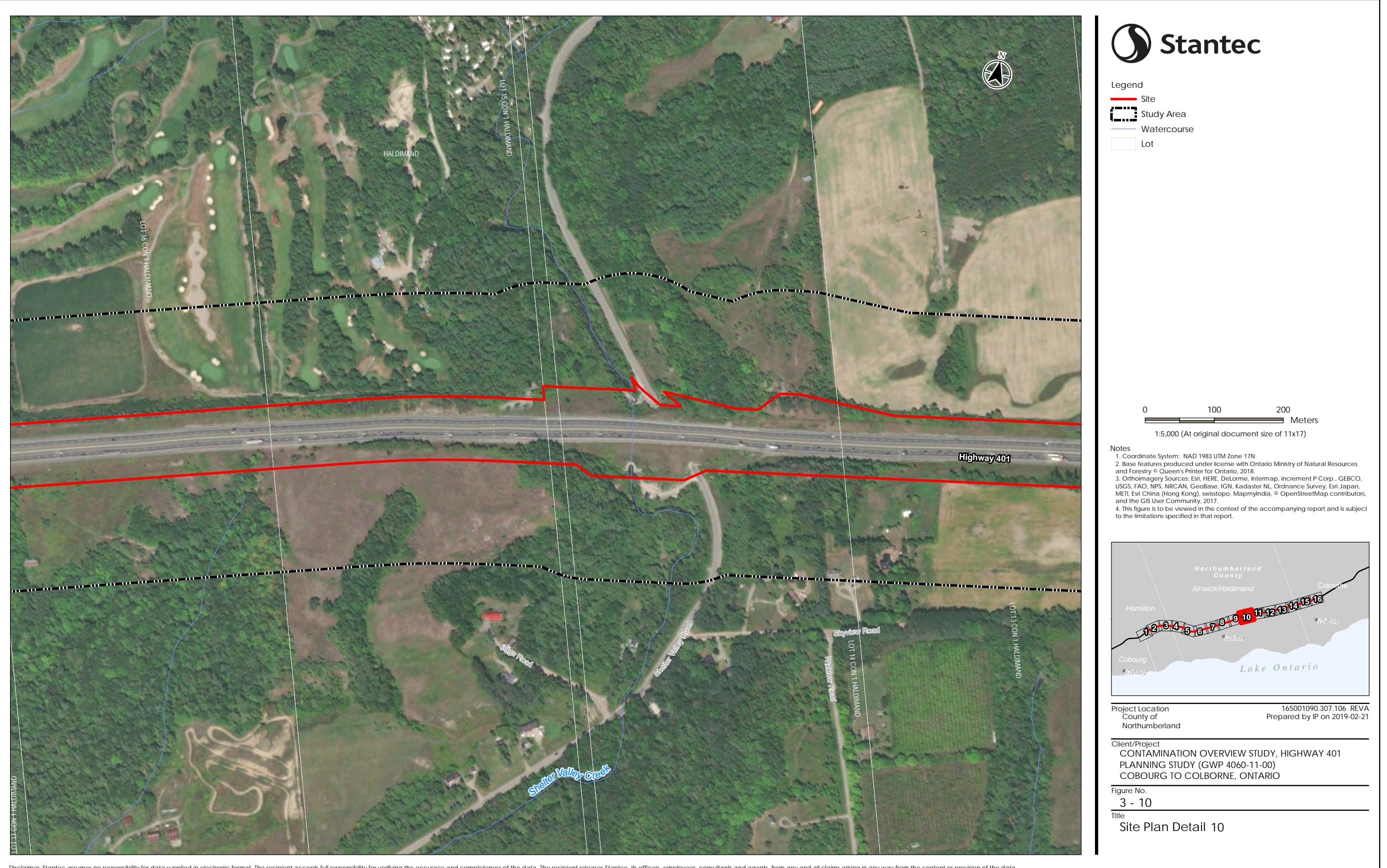
165001090.307.106 REVA  
Prepared by IP on 2019-02-21

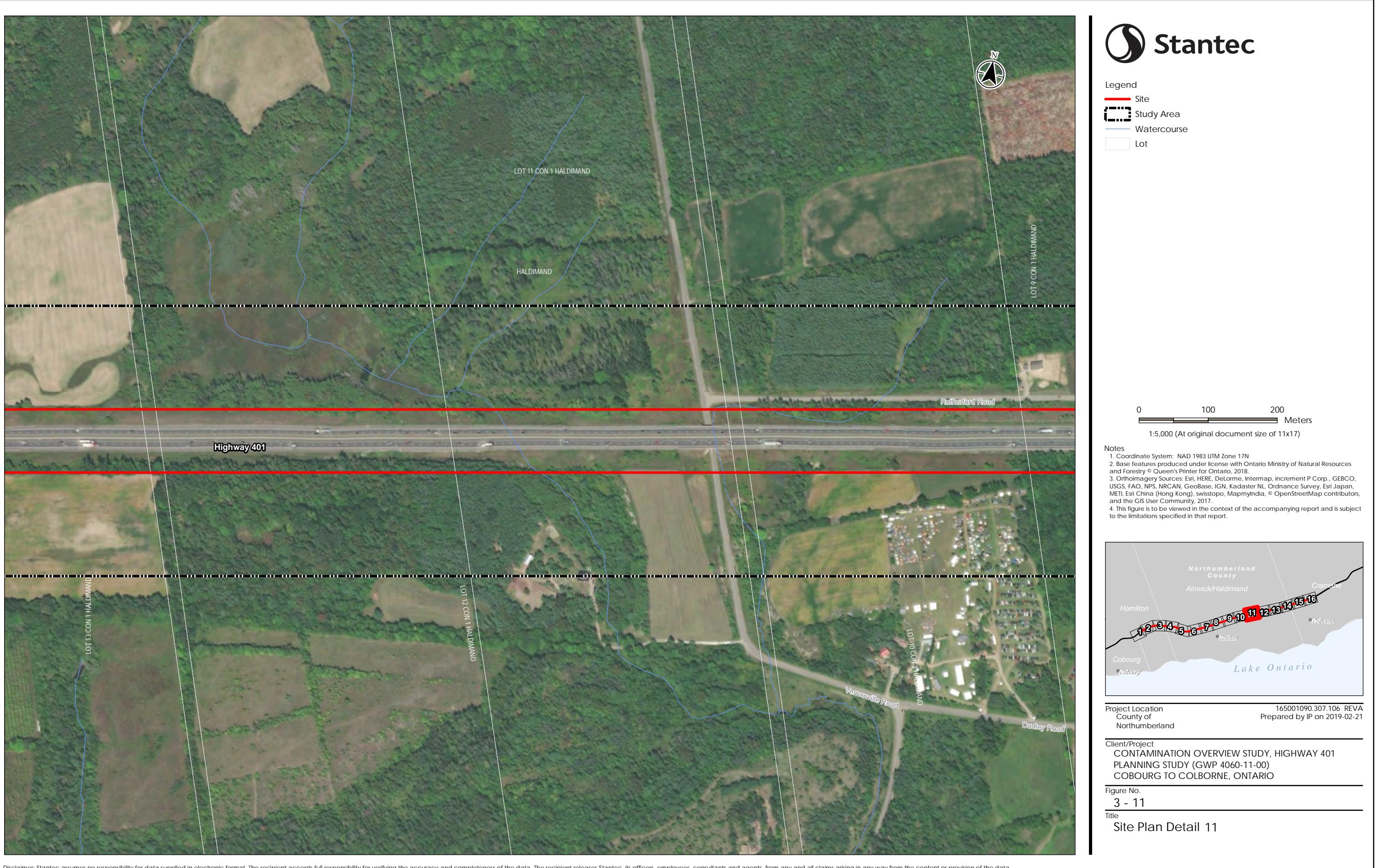
Client/Project  
CONTAMINATION OVERVIEW STUDY, HIGHWAY 401  
PLANNING STUDY (GWP 4060-11-00)  
COBOURG TO COLBORNE, ONTARIO

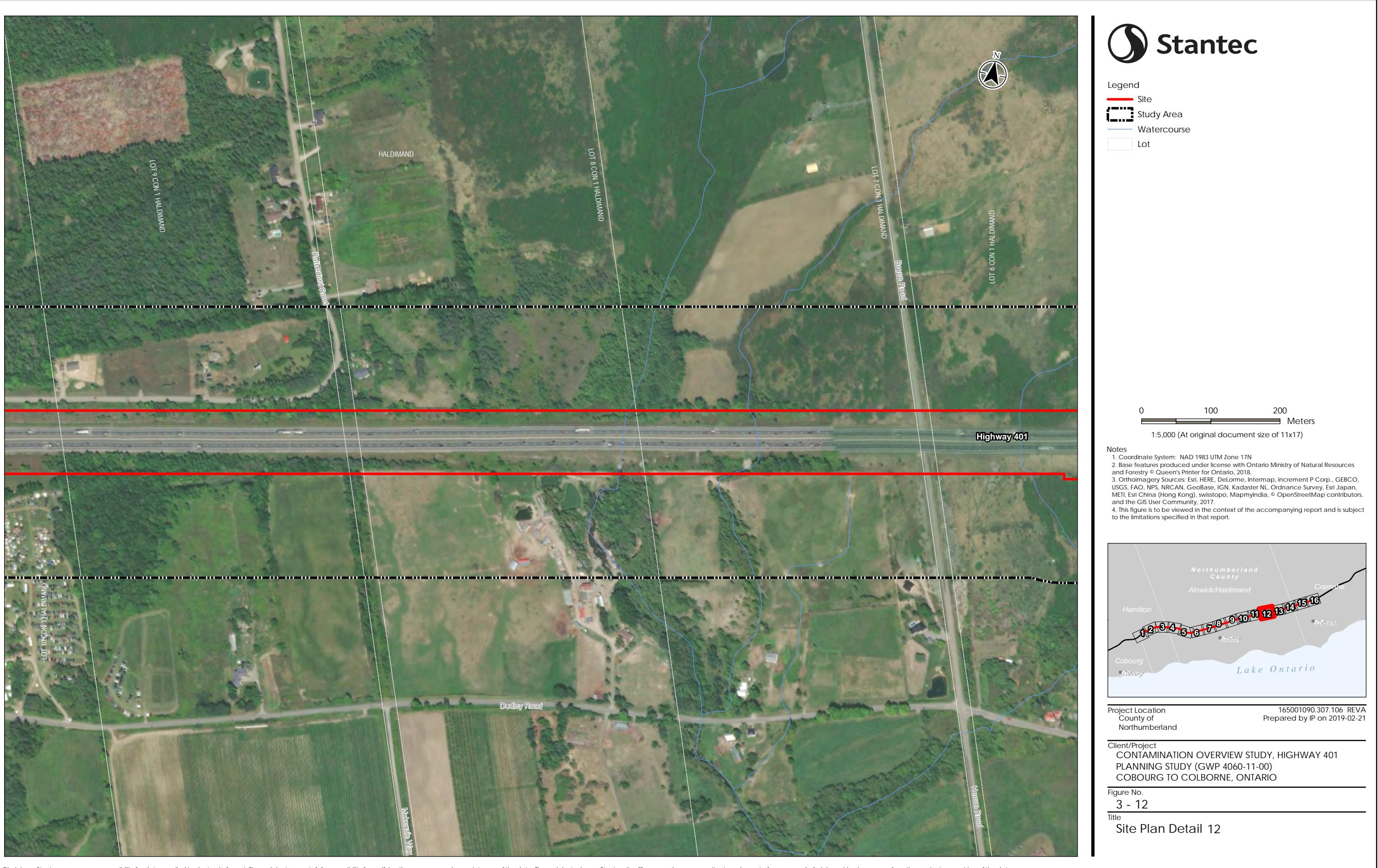
Figure No.  
3 - 7  
Title  
Site Plan Detail 7

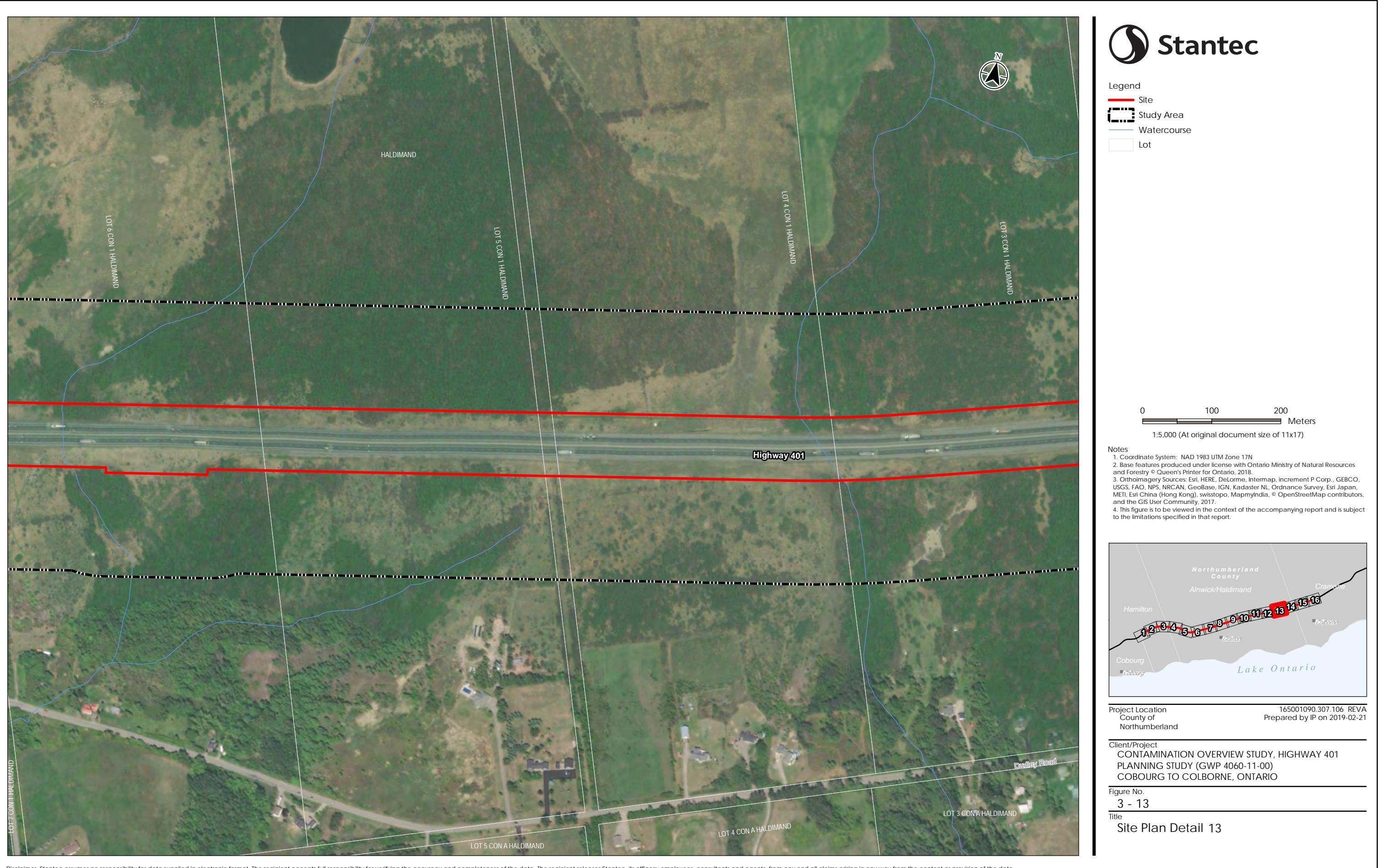


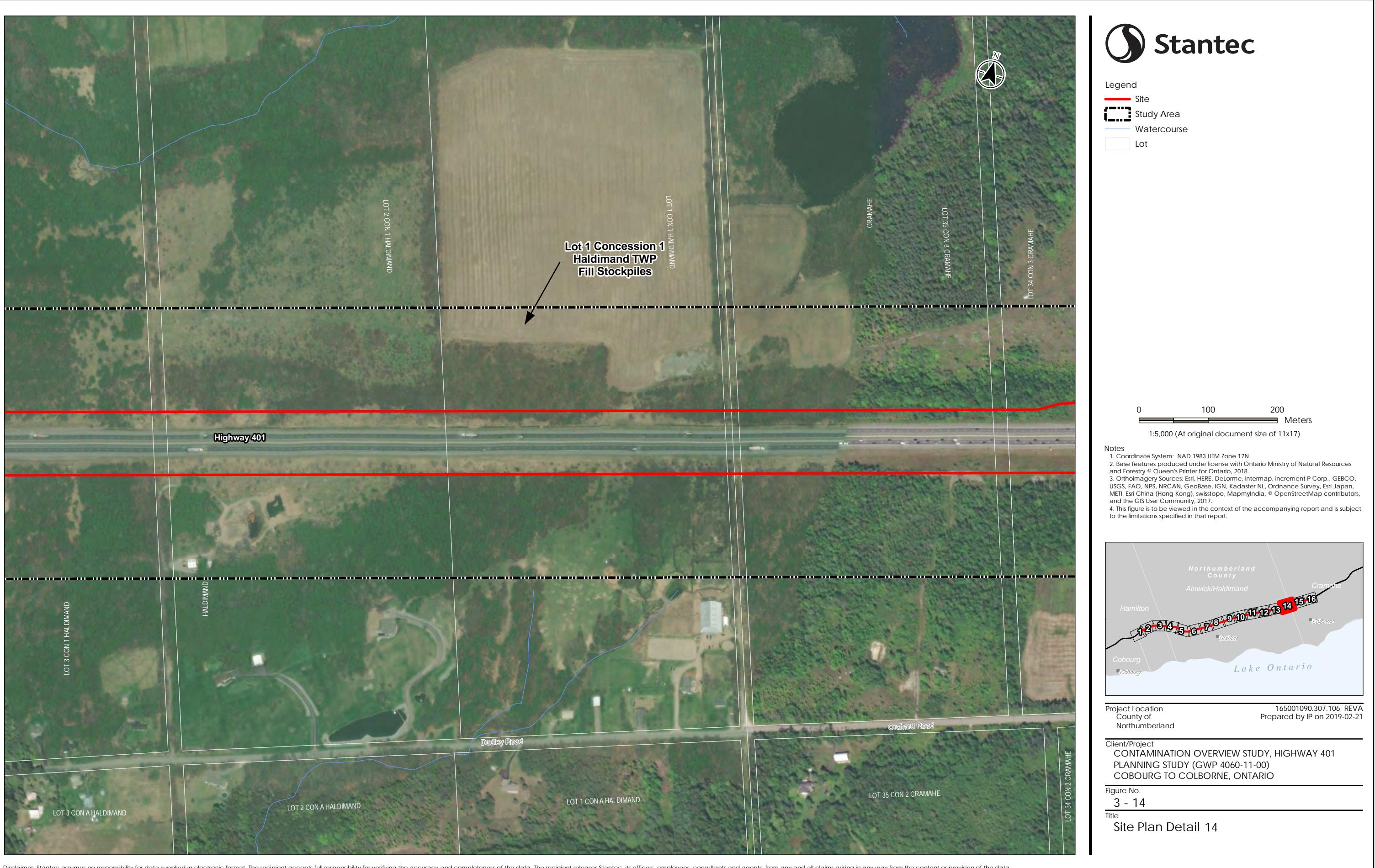


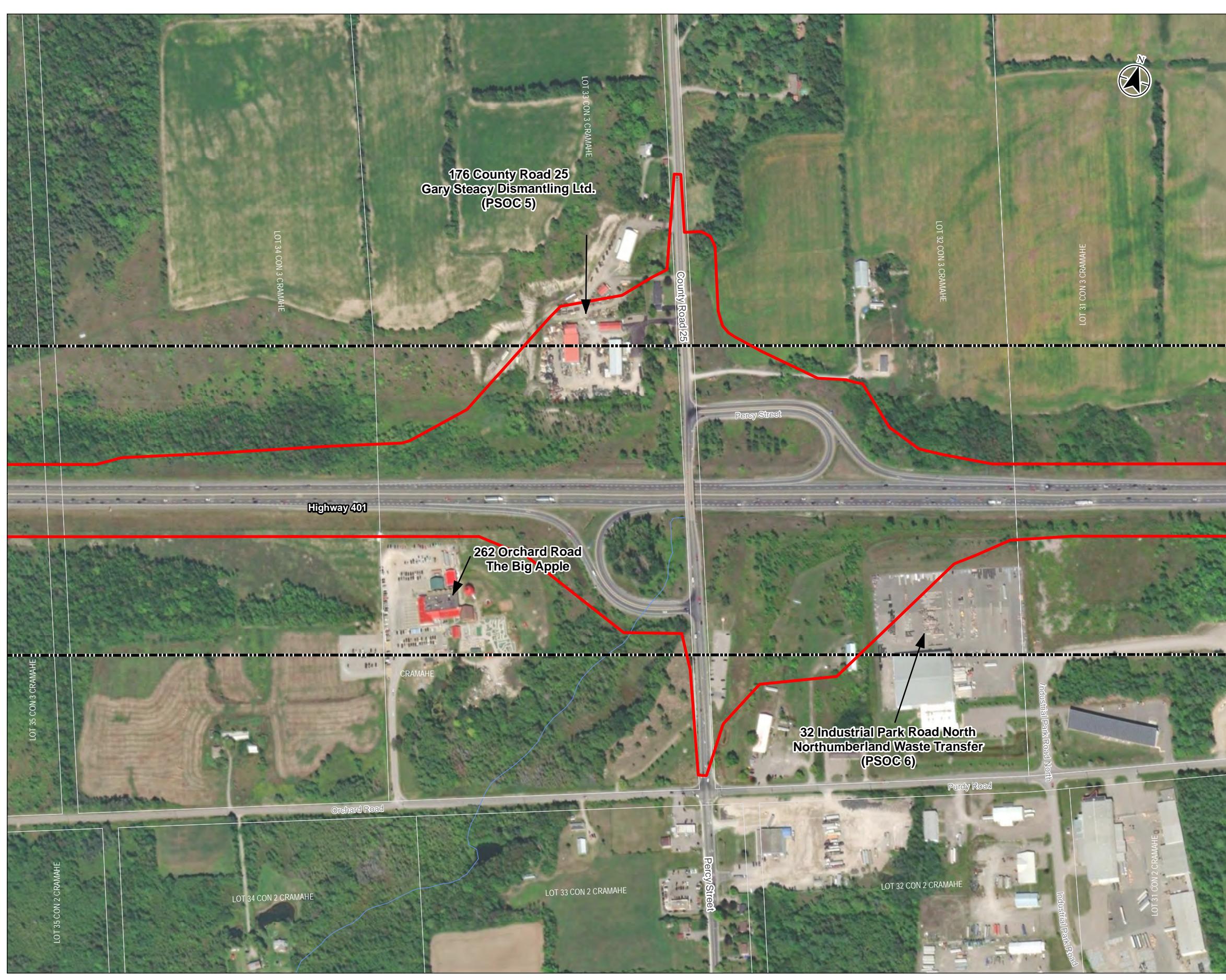












## Legend

The legend consists of four entries, each with a colored line segment and a label: a red line for 'Site', a black line with a dashed border for 'Study Area', a blue line for 'Watercourse', and a white box for 'Lot'.

0 100 200

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
3. Orthoimagery Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community, 2017.
4. This figure is to be viewed in the context of the accompanying report and is subject to the limitations specified in that report.



---

Project Location  
County of  
Northumberland

---

165001090.307.106 REVA  
Prepared by IP on 2019-02-21

---

Client/Project  
CONTAMINATION OVERVIEW STUDY, HIGHWAY 401  
PLANNING STUDY (GWP 4060-11-00)  
COBOURG TO COLBORNE, ONTARIO

**Figure N**

3 - 15

---

Title

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



## Legend

The legend consists of four entries, each with a colored line segment and a label: a red line for 'Site', a black dashed line for 'Study Area', a blue line for 'Watercourse', and a white line for 'Lot'.

0      100      200      Meters

1:5,000 (At original document size of 11x17)

## Notes

ordinate System: NAD 1983 UTM Zone 17N  
The features produced under license with Ontario Ministry of Natural Resources  
Forestry © Queen's Printer for Ontario, 2018.  
Imagery Sources: Esri, HERE, Delorme, Intermap, Increment P Corp., GEBCO,  
FAO, NPS, NRCan, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan,  
Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors,  
the GIS User Community, 2017.  
The figure is to be viewed in the context of the accompanying report and is subject  
to the limitations specified in that report.



---

Project Location  
County of  
Northumberland

---

165001090.307.106 REVA  
prepared by IP on 2019-02-21

---

Client/Project  
CONTAMINATION OVERVIEW STUDY, HIGHWAY 401  
PLANNING STUDY (GWP 4060-11-00)  
COBOURG TO COLBORNE, ONTARIO

---

Figure No.  
3 - 16

---

## Title

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Appendix B PSOC Table  
February 27, 2019

**Appendix B PSOC TABLE**



**Table 1 Summary of Potential Sources of Contamination**

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
1	Berms and Imported Fill Material	Entire Site	On Site and within the Study Area	Polycyclic aromatic hydrocarbons (PAH), Metals, and Inorganics	High	Multiple large berms were observed on either side of the Highway 401 along the length of the Site. Furthermore, it is expected that fill materials were imported onto the Site for the purposes of road construction. Stockpiles were also observed in the northeastern portion of the Lyle Street interchange. Therefore, the PSOC associated with berms and imported fill is considered to be high.
2	Historical Spills from Vehicular Accidents on Highway 401	Road allowance along Highway 401	On-Site	PAH, Petroleum Hydrocarbons (PHC), and Volatile Organic Compounds (VOC)	Moderate	Records were identified for spills related to vehicular accidents on Highway 401 within the Study Area. This PSOC is interpreted to be moderate, based on the potential for residual impacts to remain at the Site.
3	Historical and Current Generation of Waste; Potential Historical Landfill	280 Edwardson Road	Adjacent Property	PAH, PHC, and VOC	High	There are records of waste generation at this site between 1992 and 2001, as well as the potential for a former landfill on the property (unplottable). This property is in the inferred upgradient direction relative to the Site. During the Site visit, this property was observed to be an operational waste management facility (County of Northumberland Material Recovery Facility).

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
4	Historical and Current Vehicle Maintenance Activities; Importation of Fill	Southeast corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PAH, PHC, VOC, Metals, and Inorganics	High	There are records for a liquid fuel tank and oil/water separator at this site. A previous environmental report documented PHC and VOC impacts in the soil, as well as current and former aboveground and underground storage tanks. The property is partially situated within the Site. During the Site visit, this property was observed to be an operational vehicle maintenance yard, and several stockpiles could be observed from the roadway.
5	Historical and Current Generation of Waste	176 County Road 25	On-Site and Adjacent Property	PAH, PHC, VOC, and Polychlorinated Biphenyls (PCBs)	High	There are records indicating that generation and receipt of waste has been occurring at this property since 1989 for a wide range of types of waste. The property is partially within the Site and is in the inferred upgradient direction relative to Highway 401. During the Site visit, this property was observed to be an operational waste management facility (Gary Steacy Dismantling Ltd.).
6	Waste Transfer Activities	32 Industrial Park Road North	On-Site and Adjacent Property	PAH, PHC, VOC, Metals, and Inorganics	Moderate	During the site visit, a waste transfer facility was observed (Northumberland Waste Transfer) that is reported to manage non-hazardous waste. This property is partially within the Site, in the inferred downgradient direction from Highway 401. This PSOC is interpreted to be moderate, given the transfer is restricted to non-hazardous wastes and the recent age of the facility.

PSOC ID No.	Description of Potential Source	Location	Approximate Distance from the Site	Contaminant of Concern	Potential for Concern	Explanation of Potential for Concern
7	Historical Aggregate Extraction Activities	Potential locations within the Study Area	Within 100 metres of the centerline of the Highway 401	PAH, PHCs, Metals, and Inorganics	Moderate	The exact locations of historical aggregate extraction and development activities could not be confirmed, but were identified for lots contained within the Study Area. One abandoned aggregate facility within Lot 30, Concession 1, Haldimand Twp. was identified as the former Haldimand Twp. Dump, but the record also suggested that the facility had been rehabilitated. The presence of a historical waste disposal site and aggregate development near the Site represents a PSOC; this PSOC is interpreted to be moderate, given that the specific location could not be confirmed.
8	Fire/ Rescue Station	Edwardson Road, Northwest corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PHC, PAH, PFAS	Moderate	During the Site visit, a fire and rescue station was observed along Edwardson Road. This facility is believed to be operational and is partially located within the Site. From the aerial photographs, the station was between 1987 and 2005. This PSOC is interpreted to be moderate, given the potential from impacts associated with fire-fighting activities.
9	Transformer Station	Edwardson Road, Northwest corner of the Lyle Street/ County Road 23 Interchange along the 401	On-Site and Adjacent Property	PCB	Low	During the Site visit, a transformer station was observed from Edwardson Road. The transformer station could be observed in the aerial photographs of the area starting in 2005. This PSOC is interpreted to be low, given the age of the transformer station.

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Appendix C Photographic Log  
February 27, 2019

## **Appendix C PHOTOGRAPHIC LOG**





Photo 1 County of Northumberland Material Recovery Facility, 280 Edwardson Road – PSOC 3



Photo 2 Gary Steacy Dismantling Ltd., 176 County Road 25 – PSOC 5



Photo 3 Gravel and rock stockpiles, North of Highway 401 on Lot 32, Concession 2, Haldimand



Photo 4 Stockpiles on property, 100 Gully Road



Photo 5 Stockpiles and disturbed earth, Northeast corner of Lyle Street/ County Road 23



Photo 6 MTO Maintenance Yard, Southeast corner of Lyle Street and Highway 401 Interchange – PSOC 4



Photo 7 Northumberland Waste Transfer, 32 Industrial Park Road North – PSOC 6



Photo 8 Rock Ridges Landscaping, 10173 Danforth Road East

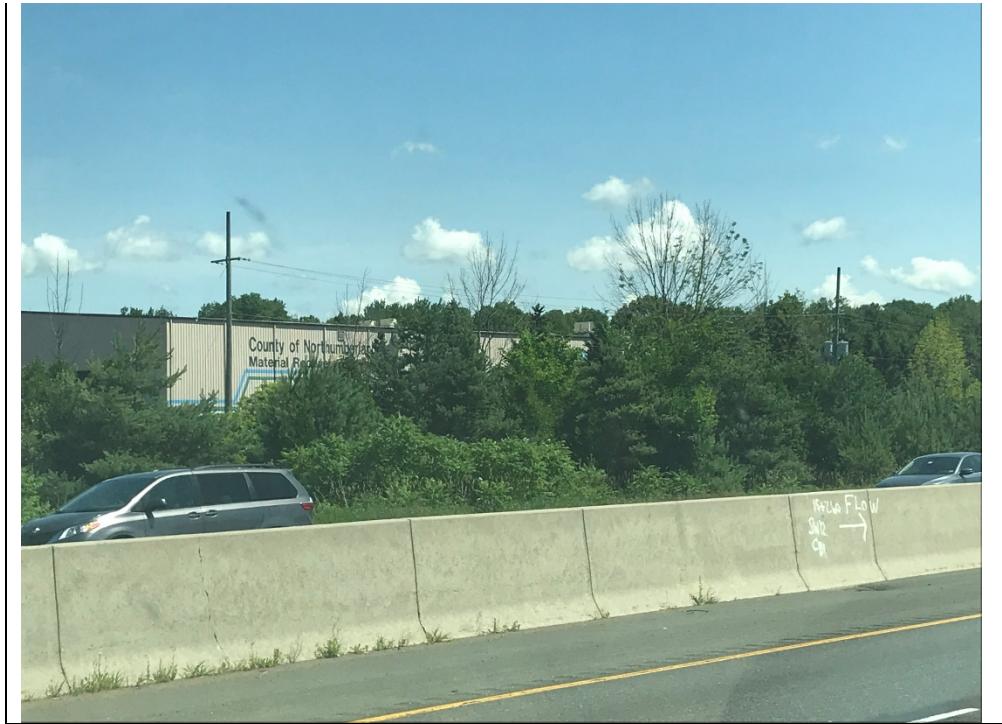


Photo 9 Example of pole-mounted transformer along Highway 401.

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Appendix D Relevant Historical Information  
February 27, 2019

**Appendix D RELEVANT HISTORICAL INFORMATION**





# DATABASE REPORT

**Project Property:** MTO Eastern Region  
Highway 401  
Colborne ON  
**Project No:** 165001090.307.106  
**Report Type:** Quote - Custom-Build Your Own Report  
**Order No:** 20160316163  
**Requested by:** Stantec Consulting Ltd.  
**Date Completed:** May 25, 2018

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)

**[www.erisinfo.com](http://www.erisinfo.com)**

# Table of Contents

<b>Table of Contents.....</b>	<b>2</b>
<b>Executive Summary.....</b>	<b>3</b>
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	9
<b>Map.....</b>	<b>12</b>
<b>Aerial.....</b>	<b>13</b>
<b>Topographic Map.....</b>	<b>14</b>
<b>Detail Report.....</b>	<b>15</b>
<b>Unplottable Summary.....</b>	<b>29</b>
<b>Unplottable Report.....</b>	<b>38</b>
<b>Appendix: Database Descriptions.....</b>	<b>95</b>
<b>Definitions.....</b>	<b>104</b>

## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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

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

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

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

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

# Executive Summary

## Property Information:

**Project Property:** *MTO Eastern Region  
Highway 401 Colborne ON*

**Project No:** *165001090.307.106*

## Order Information:

**Order No:** *20160316163*  
**Date Requested:** *March 16, 2016*  
**Requested by:** *Stantec Consulting Ltd.*  
**Report Type:** *Quote - Custom-Build Your Own Report*

## Historical/Products:

**Excel Add-On** *Excel Add-On*

## Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.10km	Total
AAGR	<b>Abandoned Aggregate Inventory</b>	Y	0	0	0
AGR	<b>Aggregate Inventory</b>	Y	0	0	0
AMIS	<b>Abandoned Mine Information System</b>	Y	0	0	0
ANDR	<b>Anderson's Waste Disposal Sites</b>	Y	0	0	0
AUWR	<b>Automobile Wrecking &amp; Supplies</b>	Y	0	0	0
BORE	<b>Borehole</b>	Y	0	26	26
CA	<b>Certificates of Approval</b>	Y	0	0	0
CFOT	<b>Commercial Fuel Oil Tanks</b>	Y	0	0	0
CHEM	<b>Chemical Register</b>	Y	0	0	0
CNG	<b>Compressed Natural Gas Stations</b>	Y	0	0	0
COAL	<b>Inventory of Coal Gasification Plants and Coal Tar Sites</b>	Y	0	0	0
CONV	<b>Compliance and Convictions</b>	Y	0	0	0
CPU	<b>Certificates of Property Use</b>	Y	0	0	0
DRL	<b>Drill Hole Database</b>	Y	0	0	0
DRYCLEANERS	<b>Dry Cleaning Facilities</b>	Y	0	0	0
EASR	<b>Environmental Activity and Sector Registry</b>	Y	0	0	0
EBR	<b>Environmental Registry</b>	Y	0	0	0
ECA	<b>Environmental Compliance Approval</b>	Y	0	1	1
EEM	<b>Environmental Effects Monitoring</b>	Y	0	0	0
EHS	<b>ERIS Historical Searches</b>	Y	0	1	1
EIIS	<b>Environmental Issues Inventory System</b>	Y	0	0	0
EMHE	<b>Emergency Management Historical Event</b>	Y	0	0	0
EXP	<b>List of TSSA Expired Facilities</b>	Y	0	0	0
FCON	<b>Federal Convictions</b>	Y	0	0	0
FCS	<b>Contaminated Sites on Federal Land</b>	Y	0	0	0
FOFT	<b>Fisheries &amp; Oceans Fuel Tanks</b>	Y	0	0	0
FST	<b>Fuel Storage Tank</b>	Y	0	0	0
FSTH	<b>Fuel Storage Tank - Historic</b>	Y	0	0	0
GEN	<b>Ontario Regulation 347 Waste Generators Summary</b>	Y	0	0	0
GHG	<b>Greenhouse Gas Emissions from Large Facilities</b>	Y	0	0	0
HINC	<b>TSSA Historic Incidents</b>	Y	0	0	0
IAFT	<b>Indian &amp; Northern Affairs Fuel Tanks</b>	Y	0	0	0
INC	<b>TSSA Incidents</b>	Y	0	0	0
LIMO	<b>Landfill Inventory Management Ontario</b>	Y	0	0	0
MINE	<b>Canadian Mine Locations</b>	Y	0	0	0
MISA PENALTY	<b>Environmental Penalty Annual Report</b>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.10km	Total
MNR	<b>Mineral Occurrences</b>	Y	0	0	0
NATE	<b>National Analysis of Trends in Emergencies System (NATES)</b>	Y	0	0	0
NCPL	<b>Non-Compliance Reports</b>	Y	0	0	0
NDFT	<b>National Defense &amp; Canadian Forces Fuel Tanks</b>	Y	0	0	0
NDSP	<b>National Defense &amp; Canadian Forces Spills</b>	Y	0	0	0
NDWD	<b>National Defence &amp; Canadian Forces Waste Disposal Sites</b>	Y	0	0	0
NEBI	<b>National Energy Board Pipeline Incidents</b>	Y	0	0	0
NEBW	<b>National Energy Board Wells</b>	Y	0	0	0
NEES	<b>National Environmental Emergencies System (NEES)</b>	Y	0	0	0
NPCB	<b>National PCB Inventory</b>	Y	0	0	0
NPRI	<b>National Pollutant Release Inventory</b>	Y	0	0	0
OGW	<b>Oil and Gas Wells</b>	Y	0	0	0
OOGW	<b>Ontario Oil and Gas Wells</b>	Y	0	0	0
OPCB	<b>Inventory of PCB Storage Sites</b>	Y	0	0	0
ORD	<b>Orders</b>	Y	0	0	0
PAP	<b>Canadian Pulp and Paper</b>	Y	0	0	0
PCFT	<b>Parks Canada Fuel Storage Tanks</b>	Y	0	0	0
PES	<b>Pesticide Register</b>	Y	0	0	0
PINC	<b>TSSA Pipeline Incidents</b>	Y	0	0	0
PRT	<b>Private and Retail Fuel Storage Tanks</b>	Y	0	0	0
PTTW	<b>Permit to Take Water</b>	Y	0	0	0
REC	<b>Ontario Regulation 347 Waste Receivers Summary</b>	Y	0	0	0
RSC	<b>Record of Site Condition</b>	Y	0	0	0
RST	<b>Retail Fuel Storage Tanks</b>	Y	0	0	0
SCT	<b>Scott's Manufacturing Directory</b>	Y	0	0	0
SPL	<b>Ontario Spills</b>	Y	0	4	4
SRDS	<b>Wastewater Discharger Registration Database</b>	Y	0	0	0
TANK	<b>Anderson's Storage Tanks</b>	Y	0	0	0
TCFT	<b>Transport Canada Fuel Storage Tanks</b>	Y	0	0	0
VAR	<b>TSSA Variances for Abandonment of Underground Storage Tanks</b>	Y	0	0	0
WDS	<b>Waste Disposal Sites - MOE CA Inventory</b>	Y	0	0	0
WDSH	<b>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</b>	Y	0	0	0
WWIS	<b>Water Well Information System</b>	N	-	-	-

**Total:** 0 32 32

## Executive Summary: Site Report Summary - Project Property

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

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

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	EHS		n/a Haldimand ON	ENE/0.1	0.00	<u>15</u>
<u>2</u>	BORE		ON	WSW/0.3	-18.76	<u>15</u>
<u>3</u>	BORE		ON	WSW/0.8	-12.35	<u>15</u>
<u>4</u>	BORE		ON	WSW/0.9	-18.22	<u>16</u>
<u>5</u>	BORE		ON	WSW/0.9	-13.29	<u>16</u>
<u>6</u>	BORE		ON	ENE/1.1	0.00	<u>17</u>
<u>7</u>	BORE		ON	WSW/1.1	-10.00	<u>17</u>
<u>8</u>	BORE		ON	WSW/1.2	-14.02	<u>17</u>
<u>9</u>	BORE		ON	ENE/4.5	0.00	<u>18</u>
<u>10</u>	BORE		ON	ENE/10.3	0.00	<u>18</u>
<u>11</u>	BORE		ON	ENE/10.9	0.00	<u>19</u>
<u>12</u>	BORE		ON	ENE/11.2	0.00	<u>19</u>
<u>13</u>	SPL	TRANSPORT TRUCK	VERNONVILLE ROAD JUST SOUTH OF 401 TRANSPORT TRUCK (CARGO) COBOURG TOWN ON	ENE/11.3	0.00	<u>19</u>
<u>13</u>	SPL	TRANSPORT TRUCK	HWY 401 EASTBOUND AT VERNONVILLE CUTOFF MOTOR VEHICLE (OPERATING FLUID) HALDIMAND TWP. ON	ENE/11.3	0.00	<u>20</u>
<u>14</u>	BORE		ON	ENE/11.5	0.00	<u>20</u>
<u>15</u>	BORE		ON	ENE/12.2	0.00	<u>21</u>
<u>16</u>	BORE		ON	WSW/12.4	0.00	<u>21</u>
<u>17</u>	SPL	TRANSPORT TRUCK	HWY 401 AT SHELTER VALLEY RD. TRANSPORT TRUCK (CARGO) COBOURG TOWN ON	ENE/12.6	0.00	<u>22</u>
<u>18</u>	BORE		ON	WSW/12.8	-2.35	<u>22</u>
<u>19</u>	BORE		ON	ENE/13.6	0.00	<u>22</u>
<u>20</u>	BORE		ON	ENE/13.7	0.00	<u>23</u>
<u>21</u>	BORE		ON	ENE/13.8	0.00	<u>23</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<a href="#"><u>22</u></a>	BORE		ON	ENE/14.0	0.00	<a href="#"><u>24</u></a>
<a href="#"><u>23</u></a>	BORE		ON	W/14.5	-4.70	<a href="#"><u>24</u></a>
<a href="#"><u>24</u></a>	BORE		ON	W/15.7	-4.25	<a href="#"><u>24</u></a>
<a href="#"><u>25</u></a>	ECA	Koppercreek Developments Inc.	Township of Glancaster Hamilton ON	W/15.7	0.00	<a href="#"><u>25</u></a>
<a href="#"><u>26</u></a>	BORE		ON	WSW/15.8	-1.36	<a href="#"><u>25</u></a>
<a href="#"><u>27</u></a>	BORE		ON	ENE/16.2	0.00	<a href="#"><u>26</u></a>
<a href="#"><u>28</u></a>	BORE		ON	ENE/16.4	0.00	<a href="#"><u>26</u></a>
<a href="#"><u>29</u></a>	BORE		ON	WSW/16.5	0.00	<a href="#"><u>26</u></a>
<a href="#"><u>30</u></a>	BORE		ON	ENE/23.7	0.00	<a href="#"><u>27</u></a>
<a href="#"><u>31</u></a>	SPL	TRANSPORT TRUCK	HWY 401 EAST BOUND, COLBORNE RAMP MOTOR VEHICLE (OPERATING FLUID) CRAMAHE TWP. ON	ENE/47.6	0.00	<a href="#"><u>27</u></a>

# Executive Summary: Summary By Data Source

## BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 26 BORE site(s) within approximately 0.10 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	0.3	<a href="#">2</a>
	ON	0.8	<a href="#">3</a>
	ON	0.9	<a href="#">4</a>
	ON	0.9	<a href="#">5</a>
	ON	1.1	<a href="#">6</a>
	ON	1.1	<a href="#">7</a>
	ON	1.2	<a href="#">8</a>
	ON	4.5	<a href="#">9</a>
	ON	10.3	<a href="#">10</a>
	ON	10.9	<a href="#">11</a>
	ON	11.2	<a href="#">12</a>
	ON	11.5	<a href="#">14</a>
	ON	12.2	<a href="#">15</a>
	ON	12.4	<a href="#">16</a>
	ON	12.8	<a href="#">18</a>
	ON	13.6	<a href="#">19</a>
	ON	13.7	<a href="#">20</a>
	ON	13.8	<a href="#">21</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	14.0	<a href="#">22</a>
	ON	14.5	<a href="#">23</a>
	ON	15.7	<a href="#">24</a>
	ON	15.8	<a href="#">26</a>
	ON	16.2	<a href="#">27</a>
	ON	16.4	<a href="#">28</a>
	ON	16.5	<a href="#">29</a>
	ON	23.7	<a href="#">30</a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Jan 31, 2018 has found that there are 1 ECA site(s) within approximately 0.10 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Koppercreek Developments Inc.	Township of Glancaster Hamilton ON	15.7	<a href="#">25</a>

### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 1 EHS site(s) within approximately 0.10 kilometers of the project property.

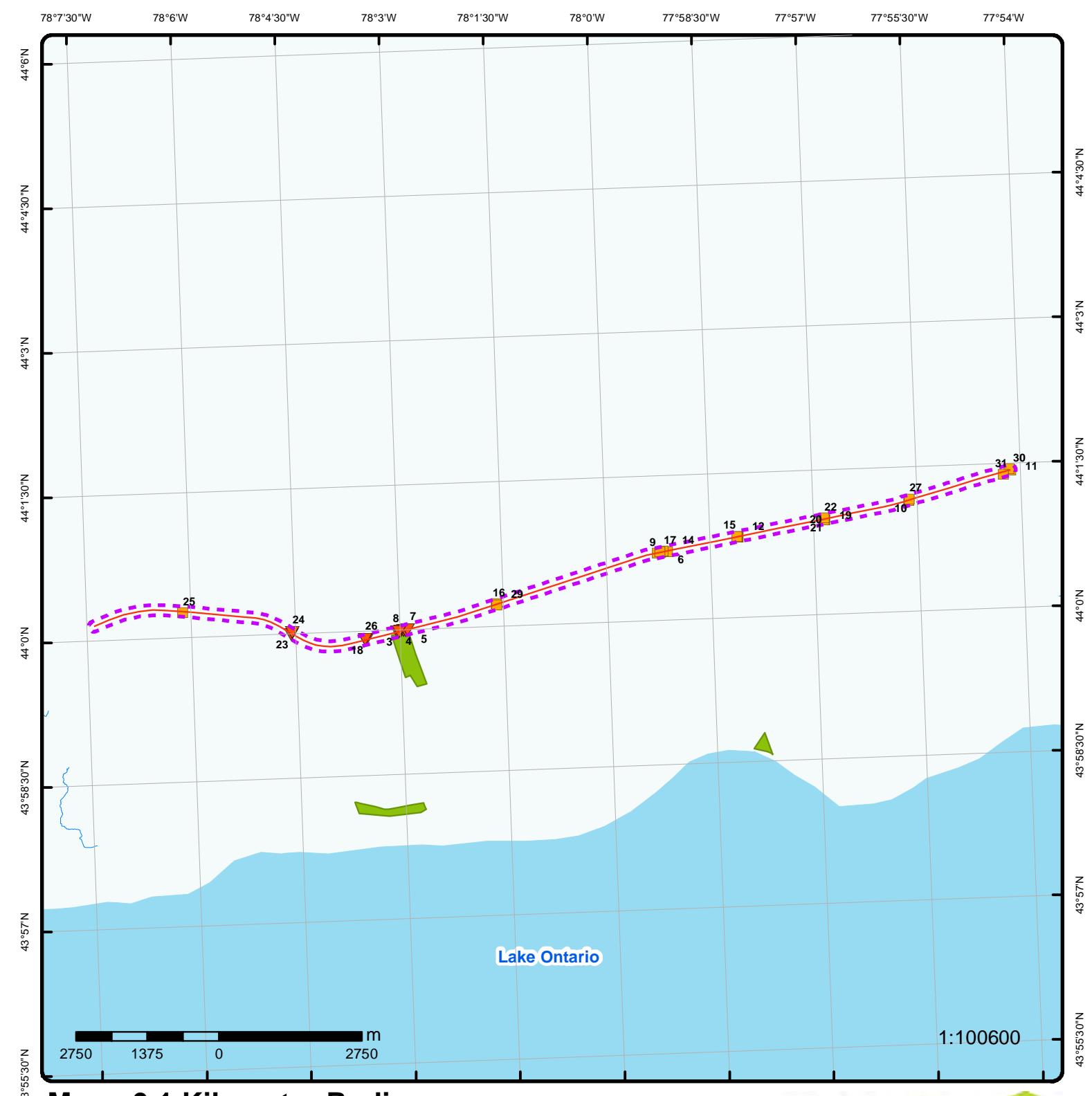
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
n/a	Haldimand ON	0.1	<a href="#">1</a>

### **SPL - Ontario Spills**

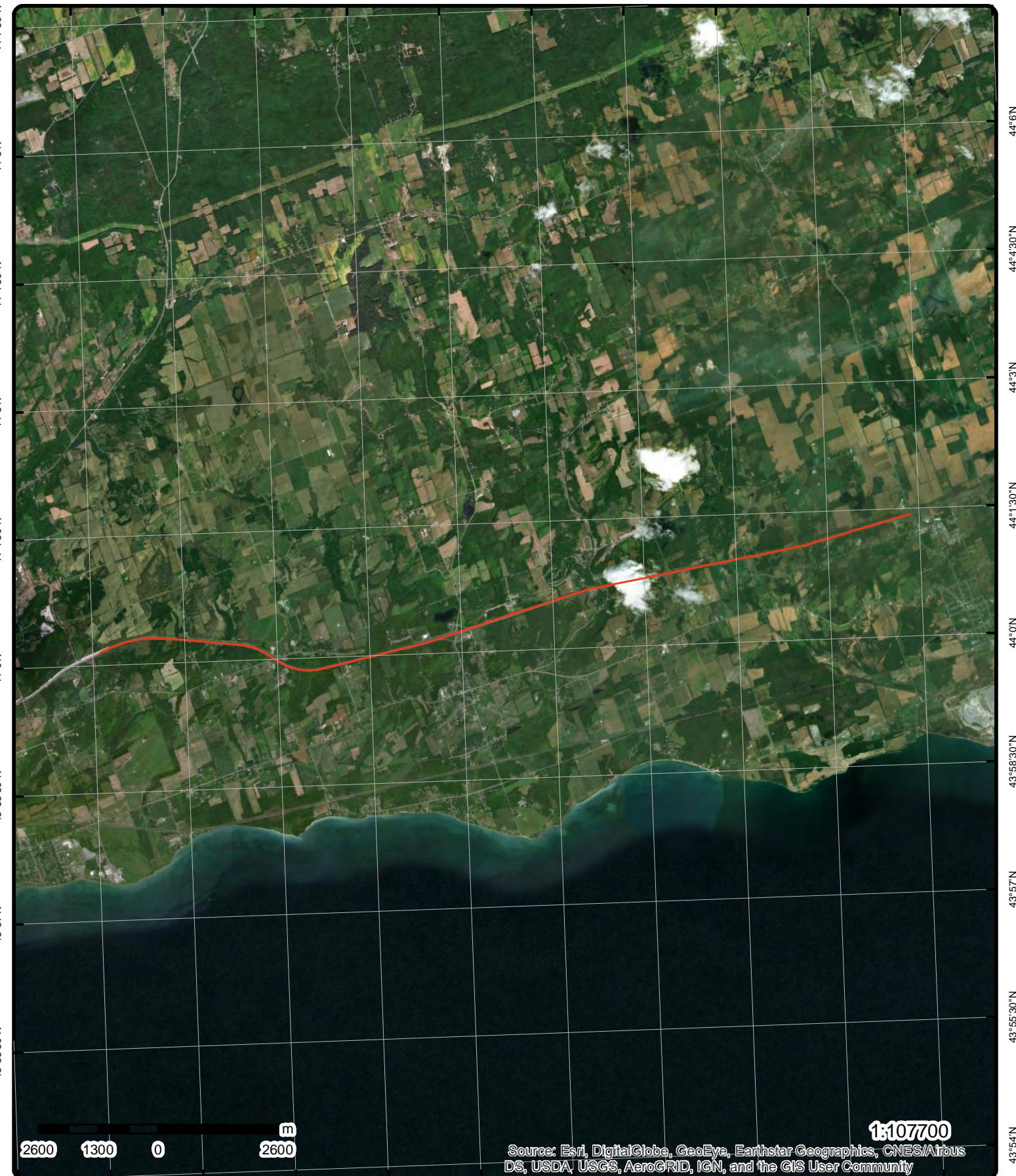
A search of the SPL database, dated 1988-Feb 2018 has found that there are 4 SPL site(s) within approximately 0.10 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TRANSPORT TRUCK	HWY 401 EASTBOUND AT VERNONVILLE CUTOFF MOTOR VEHICLE (OPERATING FLUID) HALDIMAND TWP. ON	11.3	<a href="#">13</a>
TRANSPORT TRUCK	VERNONVILLE ROAD JUST SOUTH OF 401 TRANSPORT TRUCK (CARGO) COBOURG TOWN ON	11.3	<a href="#">13</a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
TRANSPORT TRUCK	HWY 401 AT SHELTER VALLEY RD. TRANSPORT TRUCK (CARGO) COBOURG TOWN ON	12.6	<a href="#"><u>17</u></a>
TRANSPORT TRUCK	HWY 401 EAST BOUND, COLBORNE RAMP MOTOR VEHICLE (OPERATING FLUID) CRAMAHE TWP. ON	47.6	<a href="#"><u>31</u></a>



Project Property	National Park
Buffer Outline	Provincial or Territorial Park
▲ Eris Sites with Higher Elevation	Other Park
■ Eris Sites with Same Elevation	Golf Course or Driving Range
▼ Eris Sites with Lower Elevation	Park or Sports Field
○ Eris Sites with Unknown Elevation	Other Recreation Area



**Aerial (2012)**

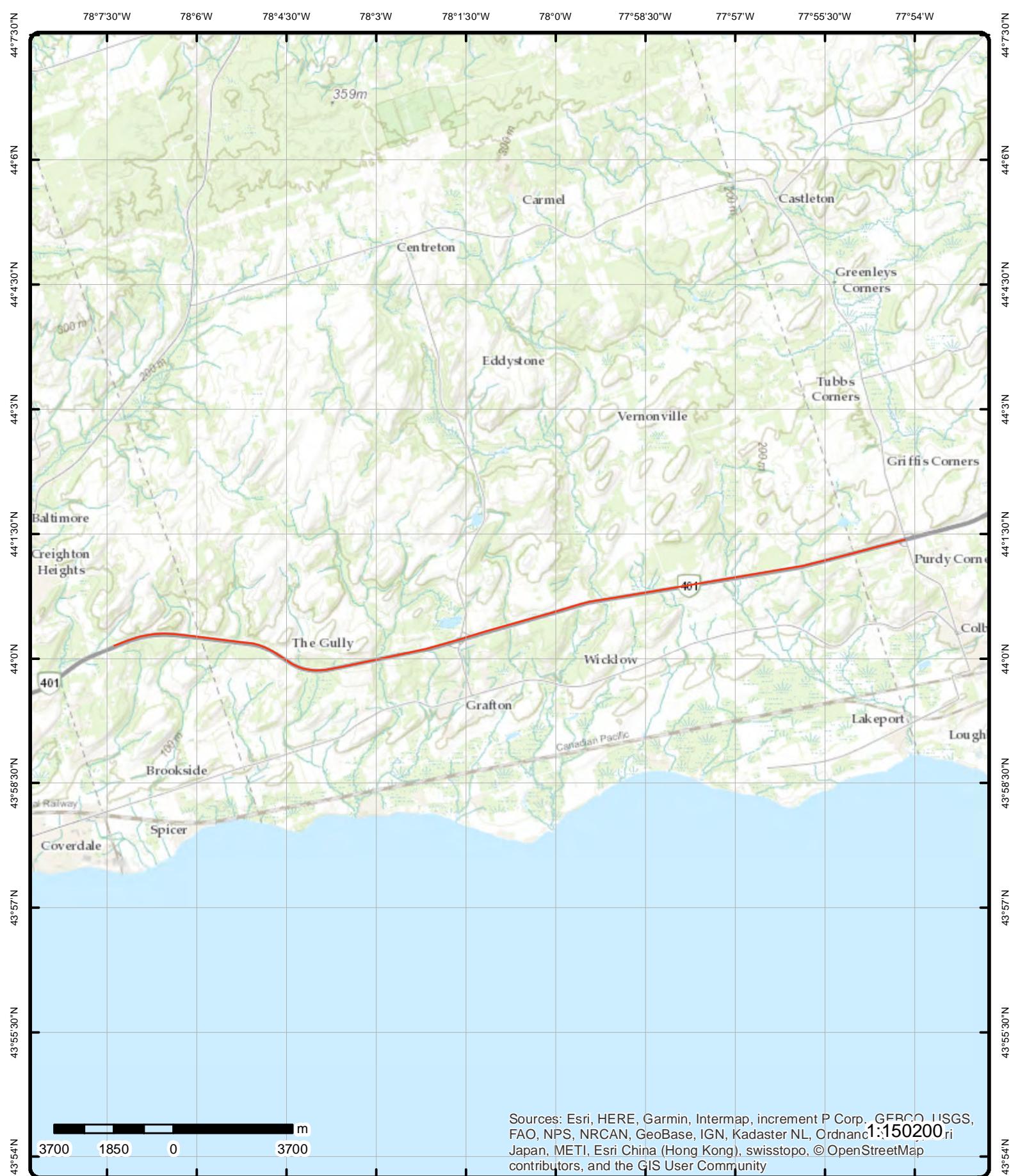
**Address: Highway 401, Colborne, ON**

**Source: ESRI World Imagery**

**Order No: 20160316163**



© ERIS Information Limited Partnership



# Topographic Map

Address: Highway 401, Colborne, ON

Source: ESRI World Topographic Map

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GFRCC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community  
1:150,200

Order No: 20160316163



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u><a href="#">1</a></u>	<a href="#">1 of 1</a>	<b>ENE/0.1</b>	<b>164.8 / 0.00</b>	<b>n/a</b> <b>Haldimand ON</b>	<a href="#">EHS</a>
<b>Order ID:</b>	429877			<b>Date Received:</b>	22-OCT-15
<b>Order No:</b>	20151022091			<b>Lot/Building Size:</b>	
<b>Customer ID:</b>	32824			<b>Municipality:</b>	Haldimand
<b>Company ID:</b>	86148			<b>Client Prov/State:</b>	ON
<b>Status:</b>	C			<b>Search Radius (km):</b>	.25
<b>Report Code:</b>	3CAN			<b>Large Radius:</b>	.3
<b>Report Type:</b>	Standard Report			<b>X:</b>	-77.987
<b>Report Date:</b>	29-OCT-15			<b>Y:</b>	44.01184
<b>Report Requested by:</b>	AECOM Canada Ltd.				
<b>Nearest Intersection:</b>					
<b>Previous Site Name:</b>					
<b>Additional Info Ordered:</b>					
<u><a href="#">2</a></u>	<a href="#">1 of 1</a>	<b>WSW/0.3</b>	<b>146.1 / -18.76</b>	<b>ON</b>	<a href="#">BORE</a>
<b>Borehole ID:</b>	847074			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736578			<b>Northing::</b>	4876099
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	143
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	146
<b>Total Depth m::</b>	9.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 27			<b>Municipality:</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	1.5
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555814			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555816			<b>Top Depth(m):</b>	3.7
<b>Bottom Depth(m):</b>	8.2			<b>Stratum Desc:</b>	DENSE FINE SANDY LOAM
<b>Stratum ID:</b>	6555817			<b>Top Depth(m):</b>	8.2
<b>Bottom Depth(m):</b>	9.6			<b>Stratum Desc:</b>	DENSE FINE SILTY SAND
<b>Stratum ID:</b>	6555815			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	3.7			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM
<u><a href="#">3</a></u>	<a href="#">1 of 1</a>	<b>WSW/0.8</b>	<b>152.5 / -12.35</b>	<b>ON</b>	<a href="#">BORE</a>
<b>Borehole ID:</b>	847077			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736466			<b>Northing::</b>	4876072
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	148

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	155
<b>Total Depth m::</b>	6.9			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 27			<b>Municipality::</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555824			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555825			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	2.4			<b>Stratum Desc:</b>	CLAY LOAM WITH SOME GRAVEL
<b>Stratum ID:</b>	6555826			<b>Top Depth(m):</b>	2.4
<b>Bottom Depth(m):</b>	4.0			<b>Stratum Desc:</b>	GREY CLAY WITH SOME GRAVEL
<b>Stratum ID:</b>	6555827			<b>Top Depth(m):</b>	4.0
<b>Bottom Depth(m):</b>	5.2			<b>Stratum Desc:</b>	SILTY CLAY
<b>Stratum ID:</b>	6555828			<b>Top Depth(m):</b>	5.2
<b>Bottom Depth(m):</b>	6.9			<b>Stratum Desc:</b>	GRAVELLY SANDY CLAY LOAM

<u>4</u>	1 of 1	WSW/0.9	146.6 / -18.22	ON	<b>BORE</b>
<b>Borehole ID:</b>	847075			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736530			<b>Northing::</b>	4876087
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	142
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	153
<b>Total Depth m::</b>	11.7			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 27			<b>Municipality::</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	1.1
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555818			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555819			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	2.1			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM
<b>Stratum ID:</b>	6555820			<b>Top Depth(m):</b>	2.1
<b>Bottom Depth(m):</b>	11.7			<b>Stratum Desc:</b>	DENSE FINE SAND WITH GRAVEL

<u>5</u>	1 of 1	WSW/0.9	151.5 / -13.29	ON	<b>BORE</b>
<b>Borehole ID:</b>	847073			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736616			<b>Northing::</b>	4876109
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	143
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	155
<b>Total Depth m::</b>	11.1			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 27			<b>Municipality::</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	1.4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Primary Water Use::</b>					<b>Sec. Water Use::</b>
<b>--Details--</b>					
<b>Stratum ID:</b>	6555812			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555813			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	7.0			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM
<b>Stratum ID:</b>	6555829			<b>Top Depth(m):</b>	7.0
<b>Bottom Depth(m):</b>	11.1			<b>Stratum Desc:</b>	GRAVEL SAND
<b>6</b>		<b>1 of 1</b>	<b>ENE/1.1</b>	<b>164.8 / 0.00</b>	<b>ON</b>
<b>Borehole ID:</b>	835580			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	260622			<b>Northing::</b>	4877535
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	132
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	146
<b>Total Depth m::</b>	12.6			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>	14			<b>Municipality:</b>	
<b>Completion Date::</b>	31-JUL-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021773			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	2.7			<b>Stratum Desc:</b>	Gravel-Sand
<b>Stratum ID:</b>	6021774			<b>Top Depth(m):</b>	2.7
<b>Bottom Depth(m):</b>	12.6			<b>Stratum Desc:</b>	Dense fine sand
<b>7</b>	<b>1 of 1</b>	<b>WSW/1.1</b>	<b>154.8 / -10.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	847072			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736658			<b>Northing::</b>	4876120
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	146
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	155
<b>Total Depth m::</b>	6.2			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	Road Allowance
<b>Lot::</b>	ROAD			<b>Municipality:</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555810			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555811			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	6.2			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM
<b>8</b>	<b>1 of 1</b>	<b>WSW/1.2</b>	<b>150.8 / -14.02</b>	<b>ON</b>	<b>BORE</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Borehole ID:</b>	847076			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	736492			<b>Northing::</b>	4876079
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	143
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	155
<b>Total Depth m::</b>	9.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 27			<b>Municipality:</b>	
<b>Completion Date::</b>	19-MAR-1958			<b>Static Water Level::</b>	.2
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555821			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555822			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	3.4			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM
<b>Stratum ID:</b>	6555823			<b>Top Depth(m):</b>	3.4
<b>Bottom Depth(m):</b>	9.6			<b>Stratum Desc:</b>	DENSE SAND WITH GRAVEL
<b>9</b>	<b>1 of 1</b>	<b>ENE/4.5</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835579			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	260500			<b>Northing::</b>	4877514
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	134
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	149
<b>Total Depth m::</b>	15.7			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>	14			<b>Municipality:</b>	
<b>Completion Date::</b>	25-JUL-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021771			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6021772			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	15.7			<b>Stratum Desc:</b>	Fine sand with gravel
<b>10</b>	<b>1 of 1</b>	<b>ENE/10.3</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835934			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	18
<b>Easting::</b>	265402			<b>Northing::</b>	4878172
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	169
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	169
<b>Total Depth m::</b>	6.4			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	10-DEC-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>--Details--</b>					
<b>Stratum ID:</b>	6022913			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6022914			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	6.4			<b>Stratum Desc:</b>	Sandy loam till, gravelly
<b>11</b>	<b>1 of 1</b>	<b>ENE/10.9</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835584			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	267400			<b>Northing::</b>	4878621
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	169
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	171
<b>Total Depth m::</b>	4.6			<b>Primary Name::</b>	
<b>Township::</b>	Cramahe			<b>Concession::</b>	3
<b>Lot::</b>	33			<b>Municipality:</b>	
<b>Completion Date::</b>	28-AUG-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021784			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6021785			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	4.6			<b>Stratum Desc:</b>	Gravely fine sandy loam
<b>12</b>	<b>1 of 1</b>	<b>ENE/11.2</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835583			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	262079			<b>Northing::</b>	4877710
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	150
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	151
<b>Total Depth m::</b>	5			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>	11			<b>Municipality:</b>	
<b>Completion Date::</b>	23-AUG-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021781			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.6			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6021782			<b>Top Depth(m):</b>	0.6
<b>Bottom Depth(m):</b>	2.4			<b>Stratum Desc:</b>	Sandy loam to clay loam
<b>Stratum ID:</b>	6021783			<b>Top Depth(m):</b>	2.4
<b>Bottom Depth(m):</b>	5.0			<b>Stratum Desc:</b>	Gravel-sandy loam
<b>13</b>	<b>1 of 2</b>	<b>ENE/11.3</b>	<b>164.8 / 0.00</b>	<b>TRANSPORT TRUCK VERNONVILLE ROAD JUST SOUTH OF 401 TRANSPORT TRUCK (CARGO) COBOURG TOWN ON</b>	<b>SPL</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Ref No:</b> 101652</p> <p><b>Site No:</b></p> <p><b>Incident Dt:</b> 6/21/1994</p> <p><b>Year:</b></p> <p><b>Incident Cause:</b> TRUCK/TRAILER OVERTURN</p> <p><b>Incident Event:</b></p> <p><b>Contaminant Code:</b></p> <p><b>Contaminant Name:</b></p> <p><b>Contaminant Limit 1:</b></p> <p><b>Contam Limit Freq 1:</b></p> <p><b>Contaminant UN No 1:</b></p> <p><b>Contaminant Qty:</b></p> <p><b>Environment Impact:</b> POSSIBLE</p> <p><b>Nature of Impact:</b> Soil contamination</p> <p><b>Receiving Medium:</b> LAND</p> <p><b>Receiving Env:</b></p> <p><b>Health/Env Conseq:</b></p> <p><b>MOE Response:</b></p> <p><b>Dt MOE Arvl on Scn:</b></p> <p><b>MOE Reported Dt:</b> 6/21/1994</p> <p><b>Dt Document Closed:</b></p> <p><b>SAC Action Class:</b></p> <p><b>Incident Reason:</b> NEGLIGENCE (APPARENT)</p> <p><b>Incident Summary:</b> 18L TRANSFORMER OIL TO GRD: &lt;50PPM: TRUCK ACCIDENT; COMPANY CLEANING UP</p>				<p><b>Discharger Report:</b></p> <p><b>Material Group:</b></p> <p><b>Client Type:</b></p> <p><b>Sector Type:</b></p> <p><b>Source Type:</b></p> <p><b>Nearest Watercourse:</b></p> <p><b>Site Name:</b></p> <p><b>Site Address:</b></p> <p><b>Site District Office:</b></p> <p><b>Site County/District:</b></p> <p><b>Site Postal Code:</b></p> <p><b>Site Region:</b></p> <p><b>Site Municipality:</b> 61403</p> <p><b>Site Lot:</b></p> <p><b>Site Conc:</b></p> <p><b>Northing:</b></p> <p><b>Easting:</b> OPP</p> <p><b>Site Geo Ref Accu:</b></p> <p><b>Site Geo Ref Meth:</b></p> <p><b>Site Map Datum:</b></p>	

<u>13</u>	<b>2 of 2</b>	<b>ENE/11.3</b>	<b>164.8 / 0.00</b>	<b>TRANSPORT TRUCK HWY 401 EASTBOUND AT VERNONVILLE CUTOFF MOTOR VEHICLE (OPERATING FLUID) HALDIMAND TWP. ON</b>	<b>SPL</b>
<p><b>Ref No:</b> 117911</p> <p><b>Site No:</b></p> <p><b>Incident Dt:</b> 8/30/1995</p> <p><b>Year:</b></p> <p><b>Incident Cause:</b> OTHER CONTAINER LEAK</p> <p><b>Incident Event:</b></p> <p><b>Contaminant Code:</b></p> <p><b>Contaminant Name:</b></p> <p><b>Contaminant Limit 1:</b></p> <p><b>Contam Limit Freq 1:</b></p> <p><b>Contaminant UN No 1:</b></p> <p><b>Contaminant Qty:</b></p> <p><b>Environment Impact:</b> POSSIBLE</p> <p><b>Nature of Impact:</b> Soil contamination</p> <p><b>Receiving Medium:</b> LAND</p> <p><b>Receiving Env:</b></p> <p><b>Health/Env Conseq:</b></p> <p><b>MOE Response:</b></p> <p><b>Dt MOE Arvl on Scn:</b></p> <p><b>MOE Reported Dt:</b> 8/30/1995</p> <p><b>Dt Document Closed:</b></p> <p><b>SAC Action Class:</b></p> <p><b>Incident Reason:</b> EQUIPMENT FAILURE</p> <p><b>Incident Summary:</b> TRANSPORT TRUCK - DIESEL TO HWY. FROM RUPTURED SADDLE TANK ON TRUCK.</p>				<p><b>Discharger Report:</b></p> <p><b>Material Group:</b></p> <p><b>Client Type:</b></p> <p><b>Sector Type:</b></p> <p><b>Source Type:</b></p> <p><b>Nearest Watercourse:</b></p> <p><b>Site Name:</b></p> <p><b>Site Address:</b></p> <p><b>Site District Office:</b></p> <p><b>Site County/District:</b></p> <p><b>Site Postal Code:</b></p> <p><b>Site Region:</b></p> <p><b>Site Municipality:</b> 61608</p> <p><b>Site Lot:</b></p> <p><b>Site Conc:</b></p> <p><b>Northing:</b></p> <p><b>Easting:</b> OPP, MTO</p> <p><b>Site Geo Ref Accu:</b></p> <p><b>Site Geo Ref Meth:</b></p> <p><b>Site Map Datum:</b></p>	

<u>14</u>	<b>1 of 1</b>	<b>ENE/11.5</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<p><b>Borehole ID:</b> 835581</p> <p><b>Use:</b> Geotechnical/Geological Investigation</p> <p><b>Drill Method::</b> Core barrel</p> <p><b>Easting:::</b> 260702</p>				<p><b>Type:</b></p> <p><b>Status:::</b></p> <p><b>UTM Zone:::</b></p> <p><b>Northing:::</b> 4877533</p>	<p>Borehole</p> <p>Decommissioned</p> <p>18</p>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Location Accuracy::</i>				<i>Orig. Ground Elev m::</i>	135
<i>Elev. Reliability Note::</i>				<i>DEM Ground Elev m::</i>	144
<i>Total Depth m::</i>	6.7			<i>Primary Name::</i>	
<i>Township::</i>	Haldimand			<i>Concession::</i>	1
<i>Lot::</i>	14			<i>Municipality::</i>	
<i>Completion Date::</i>	07-AUG-1957			<i>Static Water Level::</i>	-999.9
<i>Primary Water Use::</i>				<i>Sec. Water Use::</i>	
<b>--Details--</b>					
<i>Stratum ID:</i>	6021775			<i>Top Depth(m):</i>	0.0
<i>Bottom Depth(m):</i>	0.3			<i>Stratum Desc:</i>	Topsoil
<i>Stratum ID:</i>	6021776			<i>Top Depth(m):</i>	0.3
<i>Bottom Depth(m):</i>	2.4			<i>Stratum Desc:</i>	Gravel- Sandy Loam
<i>Stratum ID:</i>	6021777			<i>Top Depth(m):</i>	2.4
<i>Bottom Depth(m):</i>	4.9			<i>Stratum Desc:</i>	Gravely fine sand with boulders
<i>Stratum ID:</i>	6021778			<i>Top Depth(m):</i>	4.9
<i>Bottom Depth(m):</i>	6.7			<i>Stratum Desc:</i>	Boulders
<b>15</b>	<b>1 of 1</b>	<b>ENE/12.2</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<i>Borehole ID:</i>	835582			<i>Type:</i>	Borehole
<i>Use:</i>	Geotechnical/Geological Investigation			<i>Status::</i>	Decommissioned
<i>Drill Method::</i>	Core barrel			<i>UTM Zone::</i>	18
<i>Easting::</i>	262055			<i>Northing::</i>	4877731
<i>Location Accuracy::</i>				<i>Orig. Ground Elev m::</i>	152
<i>Elev. Reliability Note::</i>				<i>DEM Ground Elev m::</i>	154
<i>Total Depth m::</i>	9.6			<i>Primary Name::</i>	
<i>Township::</i>	Haldimand			<i>Concession::</i>	1
<i>Lot::</i>	11			<i>Municipality::</i>	
<i>Completion Date::</i>	20-AUG-1957			<i>Static Water Level::</i>	-999.9
<i>Primary Water Use::</i>				<i>Sec. Water Use::</i>	
<b>--Details--</b>					
<i>Stratum ID:</i>	6021779			<i>Top Depth(m):</i>	0.0
<i>Bottom Depth(m):</i>	0.6			<i>Stratum Desc:</i>	Topsoil
<i>Stratum ID:</i>	6021780			<i>Top Depth(m):</i>	0.6
<i>Bottom Depth(m):</i>	9.6			<i>Stratum Desc:</i>	Gravel, sandy loam
<b>16</b>	<b>1 of 1</b>	<b>WSW/12.4</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<i>Borehole ID:</i>	870001			<i>Type:</i>	Borehole
<i>Use:</i>	Geotechnical/Geological Investigation			<i>Status::</i>	Decommissioned
<i>Drill Method::</i>	Diamond Drill			<i>UTM Zone::</i>	17
<i>Easting::</i>	738364			<i>Northing::</i>	4876616
<i>Location Accuracy::</i>				<i>Orig. Ground Elev m::</i>	168
<i>Elev. Reliability Note::</i>				<i>DEM Ground Elev m::</i>	166
<i>Total Depth m::</i>	9.3			<i>Primary Name::</i>	
<i>Township::</i>	HALDIMAND			<i>Concession::</i>	CON 1
<i>Lot::</i>	LOT 22			<i>Municipality::</i>	
<i>Completion Date::</i>	12-SEP-1957			<i>Static Water Level::</i>	3
<i>Primary Water Use::</i>				<i>Sec. Water Use::</i>	
<b>--Details--</b>					
<i>Stratum ID:</i>	7026048			<i>Top Depth(m):</i>	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	7026049			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	9.3			<b>Stratum Desc:</b>	Gravelly sandy clay, loam, till
<b>17</b>	<b>1 of 1</b>	<b>ENE/12.6</b>	<b>164.8 / 0.00</b>	<b>TRANSPORT TRUCK HWY 401 AT SHELTER VALLEY RD. TRANSPORT TRUCK (CARGO) COBOURG TOWN ON</b>	<b>SPL</b>
<b>Ref No:</b>	67488			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	2/28/1992			<b>Client Type:</b>	
<b>Year:</b>				<b>Sector Type:</b>	
<b>Incident Cause:</b>	OTHER TRANSPORTATION ACCIDENT			<b>Source Type:</b>	
<b>Incident Event:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Code:</b>				<b>Site Name:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site County/District:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant Qty:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	CONFIRMED			<b>Site Municipality:</b>	61403
<b>Nature of Impact:</b>	Soil Contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>Health/Env Conseq:</b>				<b>Easting:</b>	OPP, MTO, F.D'S
<b>MOE Response:</b>				<b>Site Geo Ref Accu:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Meth:</b>	
<b>MOE Reported Dt:</b>	2/28/1992			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>					
<b>SAC Action Class:</b>					
<b>Incident Reason:</b>	ERROR				
<b>Incident Summary:</b>				TRANSPORT TRUCK -90 L. DIESEL FUEL TO HWY 401 DUE TO COLLISION.	
<b>18</b>	<b>1 of 1</b>	<b>WSW/12.8</b>	<b>162.5 / -2.35</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	847070			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	735860			<b>Northing::</b>	4875908
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	165
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	161
<b>Total Depth m::</b>	6.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	Road Allowance
<b>Lot::</b>	ROAD			<b>Municipality:</b>	
<b>Completion Date::</b>	24-SEP-1957			<b>Static Water Level::</b>	2.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555805			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555806			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	6.6			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM TILL
<b>19</b>	<b>1 of 1</b>	<b>ENE/13.6</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Borehole ID:</b>	835589			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	263761			<b>Northing::</b>	4877924
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	134
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	136
<b>Total Depth m::</b>	8.1			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	25-MAR-1958			<b>Static Water Level::</b>	.1
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021795			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6021796			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	8.1			<b>Stratum Desc:</b>	Gravely sandy loam clay till
<b>20</b>	<b>1 of 1</b>	<b>ENE/13.7</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835588			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	263742			<b>Northing::</b>	4877949
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	132
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	138
<b>Total Depth m::</b>	9.6			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	22-MAR-1958			<b>Static Water Level::</b>	.2
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021793			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	Topsoil, black muck
<b>Stratum ID:</b>	6021794			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	9.6			<b>Stratum Desc:</b>	Gravely sandy clay loam till
<b>21</b>	<b>1 of 1</b>	<b>ENE/13.8</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835590			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Hollow stem auger			<b>UTM Zone::</b>	18
<b>Easting::</b>	263749			<b>Northing::</b>	4877922
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	134
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	136
<b>Total Depth m::</b>	7.3			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	27-MAR-1958			<b>Static Water Level::</b>	.8
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021797			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021798 1.2			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.3 Moist sandy clay loam
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021799 7.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	1.2 Hard gravelly sand clay loam till
<b>22</b>	<b>1 of 1</b>	<b>ENE/14.0</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> <b>Primary Water Use::</b>	835591 Geotechnical/Geological Investigation Hollow stem auger 263754 133 139 4.6 Haldimand 1 27-MAR-1958 Primary Water Use::			<b>Type:</b> <b>Status::</b> <b>UTM Zone::</b> <b>Northing::</b> <b>Orig. Ground Elev m::</b> <b>DEM Ground Elev m::</b> <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> <b>Sec. Water Use::</b>	Borehole Decommissioned 18 4877951 133 139 1 1.2 Sec. Water Use::
<b>--Details--</b>					
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021800 0.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 Topsoil
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021801 3.0			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.3 Moist, silty sandy clay loam, slightly gravelly (till)
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021802 4.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	3.0 Moist, silty sandy clay loam, gravelly (till)
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6021803 4.6			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	4.3 Hard, dry clay loam till
<b>23</b>	<b>1 of 1</b>	<b>W/14.5</b>	<b>160.1 / -4.70</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> <b>Primary Water Use::</b>	847068 Geotechnical/Geological Investigation Diamond Drill 734425 133 139 9.6 HALDIMAND LOT 32 02-OCT-1957 Primary Water Use::			<b>Type:</b> <b>Status::</b> <b>UTM Zone::</b> <b>Northing::</b> <b>Orig. Ground Elev m::</b> <b>DEM Ground Elev m::</b> <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> <b>Sec. Water Use::</b>	Borehole Decommissioned 17 4876022 161 161 CON 1 -999.9 Sec. Water Use::
<b>--Details--</b>					
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6555801 0.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 TOPSOIL
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6555802 9.6			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.3 GRAVELLY SANDY CLAY LOAM TILL
<b>24</b>	<b>1 of 1</b>	<b>W/15.7</b>	<b>160.6 / -4.25</b>	<b>ON</b>	<b>BORE</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Borehole ID:</b>	847069			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	734438			<b>Northing::</b>	4876050
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	161
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	160
<b>Total Depth m::</b>	6.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 2
<b>Lot::</b>	LOT 32			<b>Municipality:</b>	
<b>Completion Date::</b>	02-OCT-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555803			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555804			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	6.6			<b>Stratum Desc:</b>	GRAVELLY SANDY CLAY LOAM TILL
<b>25</b>	<b>1 of 1</b>	<b>W/15.7</b>	<b>164.8 / 0.00</b>	<b>Koppercreek Developments Inc.</b> <b>Township of Glancaster</b> <b>Hamilton ON</b>	<b>ECA</b>
<b>Approval No:</b>	0592-8NEH5K			<b>MOE District:</b>	Peterborough
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			<b>SWP Area Name:</b>	Ganaraska Region
<b>Status:</b>	Approved			<b>Address:</b>	Township of Glancaster
<b>Approval Date:</b>	2011-11-10			<b>City:</b>	Hamilton
<b>Record Type:</b>	ECA			<b>Longitude:</b>	-78.1019
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS			<b>Latitude:</b>	44.0044
<b>Link Source:</b>	IDS				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3763-8N9HBD-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3763-8N9HBD-14.pdf</a>				
<b>26</b>	<b>1 of 1</b>	<b>WSW/15.8</b>	<b>163.5 / -1.36</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	847071			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	735840			<b>Northing::</b>	4875933
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	165
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	161
<b>Total Depth m::</b>	9.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	Road Allowance
<b>Lot::</b>	ROAD			<b>Municipality:</b>	
<b>Completion Date::</b>	24-SEP-1957			<b>Static Water Level::</b>	1.2
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6555807			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	TOPSOIL
<b>Stratum ID:</b>	6555808			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	7.0			<b>Stratum Desc:</b>	GRAVEL SANDY LOAM TILL
<b>Stratum ID:</b>	6555809			<b>Top Depth(m):</b>	7.0
<b>Bottom Depth(m):</b>	9.6			<b>Stratum Desc:</b>	MEDIUM SAND TILL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#"><u>27</u></a>	<a href="#"><u>1 of 1</u></a>	<a href="#"><u>ENE/16.2</u></a>	<a href="#"><u>164.8 / 0.00</u></a>	<a href="#"><u>ON</u></a>	<a href="#"><u>BORE</u></a>
<b>Borehole ID:</b>	835935			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	18
<b>Easting::</b>	265406			<b>Northing::</b>	4878201
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	169
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	170
<b>Total Depth m::</b>	9.5			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	11-DEC-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6022915			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6022916			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	6.1			<b>Stratum Desc:</b>	Sandy loam till, gravelly
<b>Stratum ID:</b>	6022917			<b>Top Depth(m):</b>	6.1
<b>Bottom Depth(m):</b>	9.5			<b>Stratum Desc:</b>	Sand and gravel; Dense fine sand
<a href="#"><u>28</u></a>	<a href="#"><u>1 of 1</u></a>	<a href="#"><u>ENE/16.4</u></a>	<a href="#"><u>164.8 / 0.00</u></a>	<a href="#"><u>ON</u></a>	<a href="#"><u>BORE</u></a>
<b>Borehole ID:</b>	835578			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	260552			<b>Northing::</b>	4877542
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	129
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	130
<b>Total Depth m::</b>	6.7			<b>Primary Name::</b>	
<b>Township::</b>	Haldimand			<b>Concession::</b>	1
<b>Lot::</b>	14			<b>Municipality:</b>	
<b>Completion Date::</b>	23-JUL-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021770			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	6.7			<b>Stratum Desc:</b>	Gravely fine sand with boulders
<a href="#"><u>29</u></a>	<a href="#"><u>1 of 1</u></a>	<a href="#"><u>WSW/16.5</u></a>	<a href="#"><u>164.8 / 0.00</u></a>	<a href="#"><u>ON</u></a>	<a href="#"><u>BORE</u></a>
<b>Borehole ID:</b>	870000			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	17
<b>Easting::</b>	738374			<b>Northing::</b>	4876589
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	168
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	166
<b>Total Depth m::</b>	9.6			<b>Primary Name::</b>	
<b>Township::</b>	HALDIMAND			<b>Concession::</b>	CON 1
<b>Lot::</b>	LOT 22			<b>Municipality:</b>	
<b>Completion Date::</b>	19-SEP-1957			<b>Static Water Level::</b>	3
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>--Details--</b>					
<b>Stratum ID:</b>	7026046			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	7026047			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	9.6			<b>Stratum Desc:</b>	gravelly sandy clay loam till
<b>30</b>	<b>1 of 1</b>	<b>ENE/23.7</b>	<b>164.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	835585			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Core barrel			<b>UTM Zone::</b>	18
<b>Easting::</b>	267367			<b>Northing::</b>	4878642
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	170
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	171
<b>Total Depth m::</b>	10.1			<b>Primary Name::</b>	
<b>Township::</b>	Cramahe			<b>Concession::</b>	3
<b>Lot::</b>	33			<b>Municipality:</b>	
<b>Completion Date::</b>	07-SEP-1957			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6021786			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	6021787			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	8.5			<b>Stratum Desc:</b>	Fine sandy loam
<b>Stratum ID:</b>	6021788			<b>Top Depth(m):</b>	8.5
<b>Bottom Depth(m):</b>	10.1			<b>Stratum Desc:</b>	Silty clay loam
<b>31</b>	<b>1 of 1</b>	<b>ENE/47.6</b>	<b>164.8 / 0.00</b>	<b>TRANSPORT TRUCK HWY 401 EAST BOUND, COLBORNE RAMP MOTOR VEHICLE (OPERATING FLUID) CRAMAHE TWP. ON</b>	<b>SPL</b>
<b>Ref No:</b>	129367			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	7/18/1996			<b>Client Type:</b>	
<b>Year:</b>				<b>Sector Type:</b>	
<b>Incident Cause:</b>	PIPE/HOSE LEAK			<b>Source Type:</b>	
<b>Incident Event:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Code:</b>				<b>Site Name:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site County/District:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant Qty:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	NOT ANTICIPATED			<b>Site Municipality:</b>	61606
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>Health/Env Conseq:</b>				<b>Eastng:</b>	MTO
<b>MOE Response:</b>				<b>Site Geo Ref Accu:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Meth:</b>	
<b>MOE Reported Dt:</b>	7/18/1996			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>					
<b>SAC Action Class:</b>					
<b>Incident Reason:</b>	EQUIPMENT FAILURE				
<b>Incident Summary:</b>	JOHNSONS SEPTIC- 90L	DIESEL TO ROAD FROM FUEL LINE. MTO CLEANING.			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
----------------	--------------------------	------------------------------------	----------------------	-------------	-----------

## Unplottable Summary

Total: 165 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 4 Con 1	Haldimand ON	
AAGR		Lot 4 Con 1	Cramahe ON	
AAGR		Lot 32 Con 2	Cramahe ON	
AAGR		Lot 32 Con 2	Cramahe ON	
AAGR		Lot 30 Con 1	Haldimand ON	
AAGR		Lot 30 Con 1	Haldimand ON	
AAGR		Lot 29 Con 1	Haldimand ON	
AAGR		Lot 29 Con 1	Haldimand ON	
AAGR		Lot 26 Con 1	Haldimand ON	
AAGR		Lot 24 Con 1	Haldimand ON	
AAGR		Lot 22 Con 1	Alnwick ON	
AAGR		Lot 2 Con 1	Alnwick ON	
AAGR		Lot 2 Con 1	Alnwick ON	
AAGR		Lot 2 Con 1	Haldimand ON	
AAGR		Lot 18 Con 1	Haldimand ON	
AAGR		Lot 17 Con 1	Alnwick ON	
AAGR		Lot 17 Con 1	Haldimand ON	
AAGR		Lot 16 Con 1	Alnwick ON	

AAGR	Lot 16 Con 1	Haldimand ON
AAGR	Lot 15 Con 1	Cramahe ON
AAGR	Lot 15 Con 1	Alnwick ON
AAGR	Lot 6 Con 1	Alnwick ON
AAGR	Lot 1 Con 1	Colborne ON
AAGR	Lot 11 Con 1	Cramahe ON
AAGR	Lot 10 Con 1	Alnwick ON
AAGR	Lot 8 Con 1	Hamilton ON
AAGR	Lot 1 Con 1	Haldimand ON
AGR	Delbert Bellamy & Floyd Bellamy operating as Bellamy Bros. Haulage	CRAMAHE ON
AGR	Trent Valley Sand & Stone Limited	CRAMAHE ON
CA	HALDIMAND TOWNSHIP	HALDIMAND TWP. ON
CA	PENWEST DEVELOPMENTS LTD.-PT. LOT 32	COLBORNE VILL. ON
CA	PENWEST DEVELOPMENTS LTD.-PT. LOT 32	COLBORNE VILL. ON
CA	4259891 Canada Ltd.	Hamilton ON
CA	Foothills of Winona	Hamilton ON
CA	Foothills of Winona	Hamilton ON
CA	Foothills of Winona	Hamilton ON
CA	Cogeco Cable Canada Inc.	Hamilton ON
CA	Strathy Road extension	Cobourg ON 7866
CA	Strathy Road extension	Cobourg ON 7866
CA	BLUEWATER TRUCK CENTRE (1991) INC.	COLBORNE TWP. ON

CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33/CON.3,NORTHUMBERLAND	CRAMAHE TWP. ON
CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33/CON.3,NORTHUMBERLAND	CRAMAHE TWP. ON
CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33/CON.3,NORTHUMBERLAND	CRAMAHE TWP. ON
CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33, CONC. 3 (SWM)	CRAMAHE TWP. ON
CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33, CONC. 3	CRAMAHE TWP. ON
CA	GARY STEACY DISMANTLING LTD.	PT.LOT 33, CONC. 3	CRAMAHE TWP. ON
CA	SCOTT TAYLOR, O/A. TAYLOR'S AUTO SERVICE	PT.LOT 21/CON.1,NORTHUMBERLAND	ALNWICK TWP. ON
CA		Lot 33, Concession 3	Cramahe ON
CA	Grafton Patrol Yard	Lot 22, Concession 1	Haldimand ON
CA	The Northumberland Health Care Corporation	Lot 21, Concession 1	Cobourg ON
CA		Lot 1, Concession 1	Colborne ON
CA	MINISTRY OF TRANSPORTATION & COMM.	DANFORTH RD.	HAMILTON TWP. ON
CA	GOLDEN BEACH RESORT	LOT 1, CONC. 1, ROSENEATH	AINWICK TWP. ON
EBR	Ann Corkery	Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Parts 1 and 3, Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Part 2, Commonly known as 208 and 208A King	ST. E. COLBORNE ON
EBR	Gary Steacy Dismantling Ltd.	Part Lot 33, Concession 3 CRAMAHE Ontario CRAMAHE	ON
EBR	Gary Steacy Dismantling Ltd	Part lot 33, Concession 3, Cramahe Township, Northumberland County. TOWNSHIP OF CRAMAHE	ON
EBR	Bob Clark	Part of Lot 28, Concession 1 TOWNSHIP OF HAMILTON	ON
EBR	Gary Stacey Dismantling Limited	Part of Lot 33, Concession 3, Township of Cramahe, Northumberland County TOWNSHIP OF CRAMAHE	ON
EBR	Bluewater Truck Centre (1991) Inc.	Plan 564, Part Lot 7 Colborne	ON
EBR	Bluewater Truck Centre (1991) Inc.	Plan 564, Pt. Lot 7 Colborne	ON

EBR	Gary Steacy Dismantling Limited	Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE	ON	
EBR	Gary Steacy Dismantling Limited	Lot 33, Concession 3 TOWNSHIP OF CRAMAHE	ON	
EBR	Gary Steacy Dismantling Ltd.	Lot 33, Concession 3 Cramahe Ontario TOWNSHIP OF CRAMAHE	ON	
EBR	Gary Steacy Dismantling Limited	Lot 33, Concession 3 Cramahe Ontario CRAMAHE	ON	
EBR	1023373 Ontario Inc.	Lot 32, Conc. 3, Part 3 on Plan 38R-4602 TOWNSHIP OF CRAMAHE	ON	
EBR	County of Northumberland	Lot 24, Concession 1 HALDIMAND	ON	
EBR	The Northumberland Health Care Corporation	Lot 21, Concession 1 Cobourg Ontario Cobourg	ON	
EBR	The Northumberland Health Care Corporation	Lot 21, Concession 1 Cobourg Ontario Cobourg	ON	
EBR	Gary Steacy Dismantling Limited	Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE	ON	
EBR	Gary Steacy Dismantling Ltd	RR #5, Part of Lot 33, Concession 3 TOWNSHIP OF CRAMAHE	ON	
EBR	Scott Taylor, o/a. Taylor's Auto Service	PT.LOT 21/CON.1,NORTHUMBERLAND, ALNWICK TWP. ALNWICK	ON	
EBR	Corporation of the County of Northumberland	Part Lot 24, Concession 1 HALDIMAND	ON	
ECA	672385 Ontario Inc.	Kellogg Ave Lot 2, Concession 1	Hamilton ON	L9G 2W3
ECA	Her Majesty the Queen in Right of Ontario as represented by the Minister of	Transportation Lot 22, Concession 1	Haldimand ON	
ECA	Cogeco Cable Canada Inc.	Part Lot 23, Concession 1	Hamilton ON	L7R 4S6
EHS		Part Lot 32, Con 3	Alnwick Twp ON	
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	K0K 2G0
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1HALDIMAND TWP	GRAFTON ON	K0K 2G0
EXP	SALEM COUNTRY STORE	LOT 22 CON 1	CRAMAHE TWP ON	
EXP	SALEM COUNTRY STORE	LOT 22 CON 1	CRAMAHE TWP ON	
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	

EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	K0K 2G0
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	
EXP	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	GRAFTON ON	K0K 2G0
GEN	BLUE WATER TRUCK CENTRE (1991) INC.	PLAN 564, PT. LOT 7	TOWNSHIP OF COLBORNE ON	M7A 4C7
GEN	BLUE WATER TRUCK CENTRE (1991) INC.	PLAN 564, PART LOT 7	TOWNSHIP OF COLBORNE ON	M7A 4C7
GEN	WAYCON INTERNATIONAL TRUCK SALES LTD.	PLAN 564, PART LOT 7	TOWNSHIP OF COLBORNE ON	
GEN	WRIGHT TRANSPORTATION SERVICES LTD.	PLAN 564, PART LOT 7	TOWNSHIP OF COLBORNE ON	M7A 4C7
GEN	GARY STEACY DISMANTLING LTD.	R.R.#2 PERCY ST.	CRAMAHE ON	K0K 1S0
GEN	DURHAM TRANSPORT LTD	LOT 32, CONCESSION 2, PERCY STREET	COLBORNE ON	K0K 1S0
GEN	DURHAM TRANSPORT LTD. 14-252	LOT 32, CONCESSION 2, PERCY STREET	COLBORNE ON	K0K 1S0
GEN	DURHAM TRANSPORT LIMITED	LOT 32, CONCESSION 2 PERCY STREET	COLBORNE ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
GEN	NORTHUMBERLAND, COUNTY OF	PART LOT 24, CONCESSION 1	HALDIMAND TWP. ON	K0K 2G0
GEN	ConCreate USL (GP) Inc.	Lot 1 Conc 1	Hamilton ON	
GEN	GARY STEACY DISMANTLING LTD.	LOT 33, CONC. 3, CRAMAHE TWP. C/O RR#2, PERCY ST.	COLBORNE ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD. 16-247	LOT 33, CONC. 3, CRAMAHE TWP. C/O RR#2, PERCY ST.	COLBORNE ON	K0K 1S0
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	K0K 2H0
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	

GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	K0K 2H0
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	K0K 2H0
GEN	JOHNSON SEPTIC SERVICE LTD.	LOT 33 & 1/4 LOT 34 CONCESSION	HALDIMAND TOWNSHIP ON	K0K 2H0
GEN	HALDIMAND, TOWNSHIP OF	LOT 24, CONCESSION 1	HALDIMAND TWP. ON	K0K 2G0
GEN	HALDIMAND, TWP OF	LOT 24, CONC 1	HALDIMAND TWP. ON	K0K 2G0
GEN	KENDY LEATHER INC.	LOT 2, PART LOT 32, CONCESSION 3	CRAMAHE TOWNSHIP ON	
GEN	KENDY LEATHER INC.	LOT 2, PART LOT 32, CONC. 3	CRAMAHE TOWNSHIP ON	
GEN	TRENT VALLEY SAND & STONE LIMITED	LOT 15-18, CONCESSION 1 & 2	CRAMABHE ON	K0K 1H0
GEN	TRENT VALLEY SAND & STONE LIMITED	LOT 15-18, CONCESSION 1 & 2	CRAMABHE ON	K0K 1H0
GEN	TRENT VALLEY SAND & STONE LTD.	LOT 15-18 CONC 1 & 2, CRAMAHE TWP. C/O 10 MILNER BUSINESS CTR. STE 402	SCARBOROUGH ON	M1B 3C4
GEN	TRENT VALLEY SAND & STONE LTD. 37-766	LOT 15-18 CONC 1 & 2, CRAMAHE TWP. C/O 10 MILNER BUSINESS CTR. STE 402	SCARBOROUGH ON	M1B 3C4
GEN	TRENT VALLEY SAND & STONE LTD.	LOT 15-18 CONC 1 & 2,	CRAMABHE ON	M1B 3C4
GEN	DENNACRES ELEVATORS & FARMS LTD.	LOT 14, CONCESSION #1	HALDIMAND NORFOLK ON	
GEN	COBOURG, TOWN OF	JOHN R. EAGLESON-TOWN LANDFILL SITE LOT 32, CONC. 1	HALDIMAND TWP. ON	
GEN	Enbridge Pipelines Inc	Con 2 Lot 23	Coburg ON	K9A 4J7
GEN	GARY STEACY DISMANTLING LTD.	PART LOT 33, CONCESSION 3	CRAMAHE TWP. ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0

GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD. 16-247	PART LOT 33, CONCESSION 3	CRAMAHE TWP. ON	
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
GEN	GARY STEACY DISMANTLING LTD	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	
GEN	GARY STEACY DISMANTLING LIMITED	PART LOT 33, CONCESSION 3	CRAMAHE TOWNSHIP ON	K0K 1S0
LIMO	The Corporation of the County of Northumberland	Lot 32, Concession 1	Township of Alnwick/Haldimand ON	
LIMO	The Corporation of the Regional Municipality of Hamilton-Wentworth	Lot 35, Concession 3	City of Hamilton ON	
LIMO	The Corporation of the Regional Municipality of Hamilton-Wentworth	Lot 35, Concession 3	City of Hamilton ON	
LIMO	The Corporation of the Township of Haldimand	Lot 24, Concession 1	Township of Alnwick/Haldimand ON	
LIMO	The Corporation of the Township of Haldimand	Lot 24, Concession 1	Township of Alnwick/Haldimand ON	
NPRI	CITY OF HAMILTON	Concession 1, Part of Lot 29, BF.	CITY OF HAMILTON ON	
PRT	MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES	PRT LOT 22 CON 1 HALDIMAND TWP	NORTHUMBERLAND CO ON	
PRT	NEIL OCONNELL	LOT 15 CON 1	HAMILTON TWP ON	L9C 3B5
PRT	SALEM COUNTRY STORE	LOT 22 CON 1	CRAMAHE TWP ON	
PTTW	Cooper Bay Fishery Ltd.	Lot 1, Concession 1, Town of Haldimand, Regional Municipality of Haldimand-Norfolk HALDIMAND	ON	
REC	GARY STEACY DISMANTLING LTD.	PT.OF LOT 33, CON.3,TWP. OF CRAMAHE GENERAL DELIVERY	COLBORNE ON	K0K 1S0
REC	GARY STEACY DISMANTLING LTD.	LOT 33, CONC 3	CRAMAHE TWP. ON	K0K 1S0
REC	GARY STEACY DISMANTLING LTD.	LOT 33, CONC. 3	CRAMAHE ON	K0K 1S0

RST	COLBOURNE PETRO CANADA CENTRE & CAR WASH	PERCY ST	COLBORNE ON	K0K1S0
RST	COLBOURNE PETRO CANADA CENTRE & CAR WASH	PERCY ST	COBOURG ON	K0K 1S0
SPL	1 KM west of Gully Road		Cobourg ON	
SPL	ONTARIO HYDRO	LOT 14, CON 1 MOTOR VEHICLE (OPERATING FLUID)	CRAMAHE TWP. ON	
SPL	FARM	LOT 24 CONCESSION 1 MOTOR VEHICLE (OPERATING FLUID)	HAMILTON TWP. ON	
SPL		LOT 1 CONC 1 \	HALDIMAND TOWN ON	
SPL		Hwy 401 Eastbound lanes, @ 490 km marker	Alnwick/Haldimand ON	
SPL	Morrow Transport<UNOFFICIAL>	Hwy 401 East Bound Grafton Exit	Alnwick/Haldimand ON	
SPL	Canada Cartage Systems Limited	Hwy 401	Cramahe ON	
SPL	TransX Ltd.	Eastbound 401 Highway Mile Marker 498	Cramahe ON	
SPL	TRANSPORT TRUCK	W-BOUND LANE OF THE 401, 2 MI. WEST OF GRAFTON MOTOR VEHICLE (OPERATING FLUID)	COLBORNE VILL. ON	
SPL	TRANSPORT TRUCK	401 W-BOUND LANE AT COBOURG TRANSPORT TRUCK (CARGO)	COBOURG TOWN ON	
SPL		Highway 401 Eastbound, mile marker 487, Town of Grafton<UNOFFICIAL>	Alnwick/Haldimand ON	
SPL	TRANSPORT TRUCK	HWY 401 EAST, EAST OF #45, @ GULLY RD OVERPASS. MOTOR VEHICLE (OPERATING FLUID)	COBOURG TOWN ON	K9A 4J8
SPL	ANDERSON HAULAGE	HWY 401 E AND PERCY STREET TRANSPORT TRUCK (OPERATING FLUID) STOUVILLE	COLBORNE VILL. ON	
SPL	TRANSPORT TRUCK	HWY # 401 EASTBOUND, WEST OF PERCY ST. MOTOR VEHICLE (OPERATING FLUID)	HALDIMAND TWP. ON	
SPL	ROBERT TRANSPORT	HWY 401, 2-3KM. EAST OF COBOURG, GARNEAU BRIDGE. TRANSPORT TRUCK (CARGO)	NORTHUMBERLAND COUNTY ON	
SPL	UNKNOWN	HWY 401 WEST BOUND	HAMILTON TWP. ON	
SPL	TRANSPORT TRUCK	HIGHWAY 401 JUST EAST OF COBOURG TRANSPORT TRUCK (CARGO)	COBOURG TOWN ON	
SPL	TRANSPORT TRUCK	401 WEST OFF RAMP. MOTOR VEHICLE (OPERATING FLUID)	COBOURG TOWN ON	
SPL	XTL TRANSPORT LTD.	401 EASTBOUND IN SOUTH DITCH, 5KM EAST OF COBOURG TRANSPORT TRUCK (CARGO)	HAMILTON TWP. ON	

WDS

Part Lot 33, Concession 3

Cramahe ON

WDS

DANFORTH ROAD

HALDIMAND, TWP. OF  
ON

# Unplottable Report

---

**Site:** *Lot 4 Con 1 Haldimand ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 4  
**Size (ha)::**  
**Landuse::** development  
**Comments::**

---

**Site:** *Lot 4 Con 1 Cramahe ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Cramahe  
**Concession::** 1  
**Lot::** 4  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated by township

---

**Site:** *Lot 32 Con 2 Cramahe ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Cramahe  
**Concession::** 2  
**Lot::** 32  
**Size (ha)::**  
**Landuse::** industrial park  
**Comments::**

---

**Site:** *Lot 32 Con 2 Cramahe ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Cramahe  
**Concession::** 2  
**Lot::** 32  
**Size (ha)::**  
**Landuse::**  
**Comments::** used for storage

---

**Site:** *Lot 30 Con 1 Haldimand ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland

**Township:** Haldimand  
**Concession::** 1  
**Lot::** 30  
**Size (ha)::**  
**Landuse::** dump  
**Comments::** Haldimand Twp. Dump (closed and rehabbed)

---

**Site:** Lot 30 Con 1 Haldimand ON **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 30  
**Size (ha)::**  
**Landuse::**  
**Comments::** naturally rehabilitated

---

**Site:** Lot 29 Con 1 Haldimand ON **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 29  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated

---

**Site:** Lot 29 Con 1 Haldimand ON **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 29  
**Size (ha)::**  
**Landuse::**  
**Comments::**

---

**Site:** Lot 26 Con 1 Haldimand ON **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 26  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated

---

**Site:** Lot 24 Con 1 Haldimand ON **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand

**Concession::** 1  
**Lot::** 24  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated

---

**Site:** *Lot 22 Con 1 Alnwick ON*

**Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 22  
**Size (ha)::** 0.4  
**Landuse::**  
**Comments::** Oak Ridges Moraine

---

**Site:** *Lot 2 Con 1 Alnwick ON*

**Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 2  
**Size (ha)::**  
**Landuse::**  
**Comments::** Oak Ridges Moraine, rehabilitated by owner

---

**Site:** *Lot 2 Con 1 Alnwick ON*

**Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 2  
**Size (ha)::**  
**Landuse::**  
**Comments::** Oak Ridges Moraine, rehabilitated

---

**Site:** *Lot 2 Con 1 Haldimand ON*

**Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 2  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated

---

**Site:** *Lot 18 Con 1 Haldimand ON*

**Database:** *AAGR*

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1

**Lot::** 18

**Size (ha)::**

**Landuse::**

**Comments::**

---

**Site:**

**Lot 17 Con 1 Alnwick ON**

**Database:**

**AAGR**

**Type:**

Pit

**Region/County:**

Northumberland

**Township:**

Alnwick

**Concession::**

1

**Lot::**

17

**Size (ha)::**

**Landuse::**

**Comments::**

Oak Ridges Moraine, rehabilitated

---

**Site:**

**Lot 17 Con 1 Haldimand ON**

**Database:**

**AAGR**

**Type:**

Pit

**Region/County:**

Northumberland

**Township:**

Haldimand

**Concession::**

1

**Lot::**

17

**Size (ha)::**

**Landuse::**

**Comments::**

rehabilitated

---

**Site:**

**Lot 16 Con 1 Alnwick ON**

**Database:**

**AAGR**

**Type:**

Pit

**Region/County:**

Northumberland

**Township:**

Alnwick

**Concession::**

1

**Lot::**

16

**Size (ha)::**

1

**Landuse::**

**Comments::**

---

**Site:**

**Lot 16 Con 1 Haldimand ON**

**Database:**

**AAGR**

**Type:**

Pit

**Region/County:**

Northumberland

**Township:**

Haldimand

**Concession::**

1

**Lot::**

16

**Size (ha)::**

**Landuse::**

**Comments::**

---

**Site:**

**Lot 15 Con 1 Cramahe ON**

**Database:**

**AAGR**

**Type:**

Pit

**Region/County:**

Northumberland

**Township:**

Cramahe

**Concession::**

1

**Lot::**

15

**Size (ha)::**  
**Landuse::** licensed  
**Comments::**

---

**Site:** **Lot 15 Con 1 Alnwick ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 15  
**Size (ha)::**  
**Landuse::** development  
**Comments::**

---

**Site:** **Lot 6 Con 1 Alnwick ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 6  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated

---

**Site:** **Lot 1 Con 1 Colborne ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Huron  
**Township:** Colborne  
**Concession::** 1  
**Lot::** 1  
**Size (ha)::** 3.6  
**Landuse::**  
**Comments::**

---

**Site:** **Lot 11 Con 1 Cramahe ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Cramahe  
**Concession::** 1  
**Lot::** 11  
**Size (ha)::**  
**Landuse::** development  
**Comments::**

---

**Site:** **Lot 10 Con 1 Alnwick ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Alnwick  
**Concession::** 1  
**Lot::** 10  
**Size (ha)::** 0.4

---

**Landuse::**  
**Comments::** Oak Ridges Moraine

---

**Site:** **Lot 8 Con 1 Hamilton ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Hamilton  
**Concession::** 1  
**Lot::** 8  
**Size (ha)::**  
**Landuse::**  
**Comments::** rehabilitated, pond

---

**Site:** **Lot 1 Con 1 Haldimand ON** **Database:**  
**AAGR**

**Type:** Pit  
**Region/County:** Northumberland  
**Township:** Haldimand  
**Concession::** 1  
**Lot::** 1  
**Size (ha)::**  
**Landuse::**  
**Comments::**

---

**Site:** **Delbert Bellamy & Floyd Bellamy operating as Bellamy Bros. Haulage** **Database:**  
**AGR**  
**Lot 14, Con 1 CRAMAHE ON**

<b>ID:</b>	2958	<b>Location Name:</b>	
<b>Current Status:</b>		<b>Licenced Area (ha):</b>	3.44
<b>Status Date:</b>		<b>Extraction Area:</b>	
<b>Effective Date:</b>		<b>Authority Type:</b>	
<b>Approval Type:</b>	Class B Licence	<b>Section:</b>	
<b>Operation Type:</b>	Pit	<b>Municipality:</b>	CRAMAHE TP
<b>Max Annual Tonnage:</b>	20000	<b>County:</b>	NORTHUMBERLAND CO
<b>Unlimited Tonnage:</b>		<b>District:</b>	

---

**Site:** **Trent Valley Sand & Stone Limited** **Database:**  
**AGR**  
**Lot 15 & 16, Con 1 CRAMAHE ON**

<b>ID:</b>	2924	<b>Location Name:</b>	
<b>Current Status:</b>	Amended	<b>Licenced Area (ha):</b>	58
<b>Status Date:</b>	Up to March 2008	<b>Extraction Area:</b>	
<b>Effective Date:</b>	1/9/2002 11:18:13 AM	<b>Authority Type:</b>	CLASS A LICENCE > 20000 TONNES
<b>Approval Type:</b>	Aggregate Licence	<b>Section:</b>	
<b>Operation Type:</b>	Pit	<b>Municipality:</b>	CRAMAHE TP
<b>Max Annual Tonnage:</b>	997700	<b>County:</b>	NORTHUMBERLAND CO
<b>Unlimited Tonnage:</b>		<b>District:</b>	Peterborough District

---

**Site:** **HALDIMAND TOWNSHIP** **Database:**  
**CA**  
**LOT 23/CON.1, GRAFTON W-WORKS HALDIMAND TWP. ON**

**Certificate #:** 7-0715-94-956  
**Application Year:** 94  
**Issue Date:** 10/29/96  
**Approval Type:** Municipal water  
**Status:** Received in 1994, Issued in 1995  
**Application Type:**  
**Client Name::**

**Client Address::**

**Client City::**

**Client Postal Code::**

**Project Description::**

**Contaminants::**

**Emission Control::**

---

**Site:** **PENWEST DEVELOPMENTS LTD.-PT. LOT 32**  
**ROAD H, CONC. 1 COLBORNE VILL. ON**

**Database:**  
**CA**

**Certificate #:** 3-0350-90-

**Application Year:** 90

**Issue Date:** 3/15/1991

**Approval Type:** Municipal sewage

**Status:** Approved in 1991

**Application Type:**

**Client Name::**

**Client Address::**

**Client City::**

**Client Postal Code::**

**Project Description::**

**Contaminants::**

**Emission Control::**

---

**Site:** **PENWEST DEVELOPMENTS LTD.-PT. LOT 32**  
**ROAD H, CONC. 1 COLBORNE VILL. ON**

**Database:**  
**CA**

**Certificate #:** 7-0282-90-

**Application Year:** 90

**Issue Date:** 3/15/1991

**Approval Type:** Municipal water

**Status:** Approved in 1991

**Application Type:**

**Client Name::**

**Client Address::**

**Client City::**

**Client Postal Code::**

**Project Description::**

**Contaminants::**

**Emission Control::**

---

**Site:** **4259891 Canada Ltd.**  
**Part of Lot 5, Concession 1 Hamilton ON**

**Database:**  
**CA**

**Certificate #:** 1800-6ADPHM

**Application Year:** 2005

**Issue Date:** 3/17/2005

**Approval Type:** Municipal and Private Sewage Works

**Status:** Approved

**Application Type:**

**Client Name::**

**Client Address::**

**Client City::**

**Client Postal Code::**

**Project Description::**

**Contaminants::**

**Emission Control::**

---

**Site:** **Foothills of Winona**  
**Part of Lot 4, Concession 1 Hamilton ON**

**Database:**  
**CA**

**Certificate #:** 4398-52JKJB

**Application Year:** 01  
**Issue Date:** 9/14/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** 1478742 Ontario Inc.  
**Client Address::** 1070 Stone Church Road East  
**Client City::** Hamilton  
**Client Postal Code::** L8W 3K8  
**Project Description::** Sanitary sewers to be constructed on Sonoma Lane, Benziger Lane and Napa Lane, and storm sewers to be constructed on Sonoma Lane, Benziger Lane and Napa Lane, Winona Road and Petit Street.  
**Contaminants::**  
**Emission Control::**

---

**Site:** **Foothills of Winona**  
**Part of Lot 4, Concession 1 Hamilton ON** **Database:**  
**CA**  
**Certificate #:** 5875-53NQDE  
**Application Year:** 01  
**Issue Date:** 11/7/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** 1478742 Ontario Inc.  
**Client Address::** 1070 Stone Church Road East  
**Client City::** Hamilton  
**Client Postal Code::** L8W 3K8  
**Project Description::** Stormwater Management Facility at Foothills of Winona  
**Contaminants::**  
**Emission Control::**

---

**Site:** **Foothills of Winona**  
**Part of Lot 4, Concession 1 Hamilton ON** **Database:**  
**CA**  
**Certificate #:** 2633-52JKQB  
**Application Year:** 01  
**Issue Date:** 9/14/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** 1478742 Ontario Inc.  
**Client Address::** 1070 Stone Church Road East  
**Client City::** Hamilton  
**Client Postal Code::** L8W 3K8  
**Project Description::** Watermains to be constructed on Winona Road, Sonoma Lane, Benziger Lane and Napa Lane.  
**Contaminants::**  
**Emission Control::**

---

**Site:** **Cogeco Cable Canada Inc.**  
**Part Lot 23, Concession 1 Hamilton ON** **Database:**  
**CA**  
**Certificate #:** 8150-5S7L6Y  
**Application Year:** 2003  
**Issue Date:** 10/16/2003  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

---

**Site:** *Strathy Road extension* **Database:**  
**CA**  
*Part 1,2,5 of Lot 22, Concession 1, Plan 39R 7866 Cobourg ON*

**Certificate #:** 4674-54PML3  
**Application Year:** 01  
**Issue Date:** 11/26/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** Royal Cobourg Centres Limited  
**Client Address::** 250 Yonge Street  
**Client City::** Toronto  
**Client Postal Code::** M5B 2M6  
**Project Description::** This application is for storm and sanitary sewers on Strathy Road  
**Contaminants::**  
**Emission Control::**

---

**Site:** *Strathy Road extension* **Database:**  
**CA**  
*Part 1,2,5 of Lot 22, Concession 1, Plan 39R 7866 Cobourg ON*

**Certificate #:** 2864-54PR8D  
**Application Year:** 01  
**Issue Date:** 11/26/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** Royal Cobourg Centres Limited  
**Client Address::** 250 Yonge Street  
**Client City::** Toronto  
**Client Postal Code::** M5B 2M6  
**Project Description::** This application is for a Certificate of Approval for watermain construction  
**Contaminants::**  
**Emission Control::**

---

**Site:** *BLUEWATER TRUCK CENTRE (1991) INC.* **Database:**  
**CA**  
*PT.LOT 7, PLAN #564 COLBORNE TWP. ON*

**Certificate #:** 8-1199-95-  
**Application Year:** 95  
**Issue Date:** 9/13/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::** WASTE OIL FURNACE MODEL CB-4000  
**Contaminants::** Nitrogen Oxides, Sulphur Dioxide, Suspended Particulate Matter  
**Emission Control::**, No Controls,

---

**Site:** *GARY STEACY DISMANTLING LTD.* **Database:**  
**CA**  
*PT.LOT 33/CON.3,NORTHUMBERLAND CRAMAHE TWP. ON*

**Certificate #:** 8-4066-95-  
**Application Year:** 95  
**Issue Date:** 6/14/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name::**

**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::** METALS RECLAMATION FURNACE EMISSIONS  
**Contaminants::** Nitrogen Oxides, Suspended Particulate Matter, Polychlorinated Biphenyls  
**Emission Control::** Thermal Incineration

---

**Site:** GARY STEACY DISMANTLING LTD.  
PT.LOT 33/CON.3,NORTHUMBERLAND CRAMAHE TWP. ON **Database:**  
**CA**

**Certificate #:** 4-0087-97-  
**Application Year:** 97  
**Issue Date:** 5/12/1998  
**Approval Type:** Industrial wastewater  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::** STORM WATER MANAGEMENT FACILITY  
**Contaminants::**  
**Emission Control::**

---

**Site:** GARY STEACY DISMANTLING LTD.  
PT.LOT 33/CON.3,NORTHUMBERLAND CRAMAHE TWP. ON **Database:**  
**CA**

**Certificate #:** 8-4066-95-000  
**Application Year:** 95  
**Issue Date:** 4/10/96  
**Approval Type:** Industrial air  
**Status:** Application Cancelled  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::** INCLUSIVE TEST OF TRANSFORMER PROPERTIES  
**Contaminants::**  
**Emission Control::**

---

**Site:** GARY STEACY DISMANTLING LTD.  
PT.LOT 33, CONC. 3 (SWM) CRAMAHE TWP. ON **Database:**  
**CA**

**Certificate #:** 3-1001-97-  
**Application Year:** 97  
**Issue Date:** 7/29/1997  
**Approval Type:** Municipal sewage  
**Status:** Cancelled  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

---

**Site:** GARY STEACY DISMANTLING LTD.  
PT.LOT 33, CONC. 3 CRAMAHE TWP. ON **Database:**  
**CA**

**Certificate #:** 8-3539-94-

**Application Year:** 94  
**Issue Date:** 11/10/1994  
**Approval Type:** Industrial air  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** METALS RECLAMATION FURNACE  
**Contaminants:**  
**Emission Control:**

---

**Site:** **GARY STEACY DISMANTLING LTD.**  
**PT.LOT 33, CONC. 3 CRAMAHE TWP. ON** **Database:** **CA**

**Certificate #:** 8-3539-94-000  
**Application Year:** 94  
**Issue Date:** 1/6/95  
**Approval Type:** Industrial air  
**Status:** Application Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** METALS RECLAMATION FURNACE  
**Contaminants:**  
**Emission Control:**

---

**Site:** **SCOTT TAYLOR, O/A. TAYLOR'S AUTO SERVICE**  
**PT.LOT 21/CON.1,NORTHUMBERLAND ALNWICK TWP. ON** **Database:** **CA**

**Certificate #:** 8-4068-97-  
**Application Year:** 97  
**Issue Date:** 8/6/1997  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** WASTE OIL FURNACE MODEL RA(D)-235  
**Contaminants:** Suspended Particulate Matter  
**Emission Control:** No Controls

---

**Site:** **Lot 33, Concession 3 Cramahe ON** **Database:** **CA**

**Certificate #:** 8-4066-95-987  
**Application Year:** 00  
**Issue Date:** 12/14/00  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:** Notice  
**Client Name:** Gary Steacy Dismantling Limited  
**Client Address:** General Delivery, R.R. #5  
**Client City:** Colborne  
**Client Postal Code:** K0K 1S0  
**Project Description:** This application is for an amendment to the time allotted between the collection of samples and the time of distribution of the final report. (as per Condition 26 (e) of the existing C of A)  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Grafton Patrol Yard*  
*Lot 22, Concession 1 Haldimand ON*

**Database:**  
**CA**

**Certificate #:** 0245-4L8P2P  
**Application Year:** 00  
**Issue Date:** 8/28/00  
**Approval Type:** Industrial sewage  
**Status:** Approved  
**Application Type:** Notice  
**Client Name::** Her Majesty the Queen in Right of Ontario as represented by the Minister of Transportation  
**Client Address::** 355 Counter Street  
**Client City::** Kingston  
**Client Postal Code::**  
**Project Description::** Oil/Water Separator  
**Contaminants::**  
**Emission Control::**

**Site:** *The Northumberland Health Care Corporation*  
*Lot 21, Concession 1 Cobourg ON*

**Database:**  
**CA**

**Certificate #:** 7770-5HMTAH  
**Application Year:** 2003  
**Issue Date:** 3/28/2003  
**Approval Type:** Air  
**Status:** Revoked and/or Replaced  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

**Site:** *Lot 1, Concession 1 Colborne ON*

**Database:**  
**CA**

**Certificate #:** 3-0241-78-006  
**Application Year:** 01  
**Issue Date:** 2/12/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Notice  
**Client Name::** Benmiller Estates Corporation  
**Client Address::** 784 Richmond Street  
**Client City::** London  
**Client Postal Code::** N6A 3H5  
**Project Description::** This application is for changing the ownership title from Benmiller Estates Corporation to "Aston Resort Corporation".  
**Contaminants::**  
**Emission Control::**

**Site:** *MINISTRY OF TRANSPORTATION & COMM.*  
*DANFORTH RD. HAMILTON TWP. ON*

**Database:**  
**CA**

**Certificate #:** 7-0172-86-  
**Application Year:** 86  
**Issue Date:** 3/21/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**

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

---

**Site:** **GOLDEN BEACH RESORT**  
**LOT 1, CONC. 1, ROSENEATH AINWICK TWP. ON**

**Database:**  
**CA**

**Certificate #:** 3-0228-95-  
**Application Year:** 95  
**Issue Date:** 3/28/1995  
**Approval Type:** Municipal sewage  
**Status:** Preliminary approval  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

---

**Site:** **Ann Corkery**  
**Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Parts 1 and 3, Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Part 2, Commonly known as 208 and 208A King ST. E. COLBORNE ON**

**Database:**  
**EBR**

**EBR Registry No.:** IF00E3002  
**Ministry Ref. No.:** 14-OP-0093-004  
**Company Name:** Ann Corkery  
**Notice Type:** Instrument Decision  
**Notice Date:** February 11, 2000  
**Proposal Date:** January 06, 2000  
**Year:** 2000  
**Proponent Address:** 208 King St. E., Colborne Ontario, K0K 1S0  
**Instrument Type:** (Planning Act s17(34)&s21) - Approval of an Official Plan Amendment  
**Location Other:**

**Location:**

Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Parts 1 and 3, Concession 1, Part Lot 27, Reid Plan, RP 38R4961, Part 2, Commonly known as 208 and 208A King ST. E. COLBORNE

---

**Site:** **Gary Steacy Dismantling Ltd.**  
**Part Lot 33, Concession 3 CRAHAHE Ontario CRAHAHE ON**

**Database:**  
**EBR**

**EBR Registry No.:** IA00E0679  
**Ministry Ref. No.:** 1502-4JBKC4  
**Company Name:** Gary Steacy Dismantling Ltd.  
**Notice Type:** Instrument Decision  
**Notice Date:** June 12, 2000  
**Proposal Date:** April 14, 2000  
**Year:** 2000  
**Proponent Address:** General Delivery R.R. #5, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Part Lot 33, Concession 3 CRAHAHE Ontario CRAHAHE

---

**Site:** *Gary Steacy Dismantling Ltd*  
*Part lot 33, Concession 3, Cramahe Township, Northumberland County. TOWNSHIP OF CRAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA6E1730  
**Ministry Ref. No.:** 27878  
**Company Name:** Gary Steacy Dismantling Ltd  
**Notice Type:** Instrument Decision  
**Notice Date:** July 18, 1997  
**Proposal Date:** December 03, 1996  
**Year:** 1996  
**Proponent Address:** General Delivery, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Part lot 33, Concession 3, Cramahe Township, Northumberland County. TOWNSHIP OF CRAMAHE

---

**Site:** *Bob Clark*  
*Part of Lot 28, Concession 1 TOWNSHIP OF HAMILTON ON*

**Database:**  
*EBR*

**EBR Registry No.:** IF9E3065  
**Ministry Ref. No.:** 14-OP-0080-060  
**Company Name:** Bob Clark  
**Notice Type:** Instrument Decision  
**Notice Date:** February 01, 2000  
**Proposal Date:** December 23, 1999  
**Year:** 1999  
**Proponent Address:** 30 North Street, Port Hope Ontario, L1A 1T6  
**Instrument Type:** (Planning Act s17(34)&s21) - Approval of an Official Plan Amendment  
**Location Other:**

**Location:**

Part of Lot 28, Concession 1 TOWNSHIP OF HAMILTON

---

**Site:** *Gary Stacey Dismantling Limited*  
*Part of Lot 33, Concession 3, Township of Cramahe, Northumberland County TOWNSHIP OF CRAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA8E0525  
**Ministry Ref. No.:** A311507  
**Company Name:** Gary Stacey Dismantling Limited  
**Notice Type:** Instrument Decision  
**Notice Date:** September 25, 1998  
**Proposal Date:** April 22, 1998  
**Year:** 1998  
**Proponent Address:** General Delivery, R.R. #5, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Part of Lot 33, Township of Cramahe, Northumberland County TOWNSHIP OF CRAMAHE

---

**Site:** *Bluewater Truck Centre (1991) Inc.*  
*Plan 564, Part Lot 7 Colborne ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA6E1652  
**Ministry Ref. No.:** 8119995 19961106

**Company Name:** Bluewater Truck Centre (1991) Inc.  
**Notice Type:** Instrument Decision  
**Notice Date:** January 21, 1997  
**Proposal Date:** November 15, 1996  
**Year:** 1996  
**Proponent Address:** P.O. Box 474, Goderich Ontario, N7A 4C7  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Location Other:**

**Location:**

Plan 564, Part Lot 7 Colborne

---

**Site:** *Bluewater Truck Centre (1991) Inc.* **Database:**  
**EBR**  
*Plan 564, Pt. Lot 7 Colborne ON*

**EBR Registry No.:** IA6E0789  
**Ministry Ref. No.:** A620143  
**Company Name:** Bluewater Truck Centre (1991) Inc.  
**Notice Type:** Instrument Decision  
**Notice Date:** November 25, 1996  
**Proposal Date:** May 16, 1996  
**Year:** 1996  
**Proponent Address:** P.O. Box 474, Goderich Ontario, N7A 4C7  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Plan 564, Pt. Lot 7 Colborne

---

**Site:** *Gary Steacy Dismantling Limited* **Database:**  
**EBR**  
*Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE ON*

**EBR Registry No.:** IA9E1191  
**Ministry Ref. No.:** A3115072  
**Company Name:** Gary Steacy Dismantling Limited  
**Notice Type:** Instrument Decision  
**Notice Date:** December 08, 1999  
**Proposal Date:** September 29, 1999  
**Year:** 1999  
**Proponent Address:** Pt. Lot 33, Concession 3, Cramache Twp. Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE

---

**Site:** *Gary Steacy Dismantling Limited* **Database:**  
**EBR**  
*Lot 33, Concession 3 TOWNSHIP OF CRAMAHE ON*

**EBR Registry No.:** IA00E0411  
**Ministry Ref. No.:** 7743-4GKQJN  
**Company Name:** Gary Steacy Dismantling Limited  
**Notice Type:** Instrument Decision  
**Notice Date:** August 30, 2001  
**Proposal Date:** February 29, 2000  
**Year:** 2000  
**Proponent Address:** R.R. #5, Pt. Lot 33, Concession 3, Cramache Twp. Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.

**Location Other:**

**Location:**

Lot 33, Concession 3 TOWNSHIP OF CRAAMAHE

---

**Site:** *Gary Steacy Dismantling Ltd.*  
*Lot 33, Concession 3 Cramahe Ontario TOWNSHIP OF CRAAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA00E1610  
**Ministry Ref. No.:** 6672-4PZPU4  
**Company Name:** Gary Steacy Dismantling Ltd.  
**Notice Type:** Instrument Decision  
**Notice Date:** November 29, 2000  
**Proposal Date:** October 12, 2000  
**Year:** 2000  
**Proponent Address:** General Delivery R.R. #5, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Lot 33, Concession 3 Cramahe Ontario TOWNSHIP OF CRAAMAHE

---

**Site:** *Gary Steacy Dismantling Limited*  
*Lot 33, Concession 3 Cramahe Ontario CRAAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA01E0312  
**Ministry Ref. No.:** 6525-4U4JV8  
**Company Name:** Gary Steacy Dismantling Limited  
**Notice Type:** Instrument Decision  
**Notice Date:** April 23, 2001  
**Proposal Date:** March 07, 2001  
**Year:** 2001  
**Proponent Address:** General Delivery, R.R. #5, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Lot 33, Concession 3 Cramahe Ontario CRAAMAHE

---

**Site:** *1023373 Ontario Inc.*  
*Lot 32, Conc. 3, Part 3 on Plan 38R-4602 TOWNSHIP OF CRAAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA7E1196  
**Ministry Ref. No.:** ER-336  
**Company Name:** 1023373 Ontario Inc.  
**Notice Type:** Instrument Decision  
**Notice Date:** February 25, 2009  
**Proposal Date:** August 18, 1997  
**Year:** 1997  
**Proponent Address:** o/a Container Services A.R.M., 177 Purdy Road, PO Box 580, Colborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Lot 32, Conc. 3, Part 3 on Plan 38R-4602 TOWNSHIP OF CRAAMAHE

**Site:** *County of Northumberland*  
*Lot 24, Concession 1 HALDIMAND ON*

**Database:**  
**EBR**

**EBR Registry No.:** IA6E0241  
**Ministry Ref. No.:** 27246  
**Company Name:** County of Northumberland  
**Notice Type:** Instrument Final Decision  
**Notice Date:** February 24, 1997  
**Proposal Date:** February 27, 1996  
**Year:** 1996  
**Proponent Address:**  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Lot 24, Concession 1 HALDIMAND

---

**Site:** *The Northumberland Health Care Corporation*  
*Lot 21, Concession 1 Cobourg Ontario Cobourg ON*

**Database:**  
**EBR**

**EBR Registry No.:** IA02E0461  
**Ministry Ref. No.:** 1375-5ADRD7  
**Company Name:** The Northumberland Health Care Corporation  
**Notice Type:** Instrument Decision  
**Notice Date:** April 01, 2003  
**Proposal Date:** May 29, 2002  
**Year:** 2002  
**Proponent Address:** 240 Chapel Street, Box 340, Cobourg Ontario, K9A 4K9  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Location Other:**

**Location:**

Lot 21, Concession 1 Cobourg Ontario Cobourg

---

**Site:** *The Northumberland Health Care Corporation*  
*Lot 21, Concession 1 Cobourg Ontario Cobourg ON*

**Database:**  
**EBR**

**EBR Registry No.:** IA03E1221  
**Ministry Ref. No.:** 6726-5QSHD7  
**Company Name:** The Northumberland Health Care Corporation  
**Notice Type:** Instrument Decision  
**Notice Date:** April 28, 2004  
**Proposal Date:** August 27, 2003  
**Year:** 2003  
**Proponent Address:** 240 Chapel Street, Box 340, Cobourg Ontario, K9A 4K9  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Location Other:**

**Location:**

Lot 21, Concession 1 Cobourg Ontario Cobourg

---

**Site:** *Gary Steacy Dismantling Limited*  
*Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE ON*

**Database:**  
**EBR**

**EBR Registry No.:** IA9E0868  
**Ministry Ref. No.:** A3115071  
**Company Name:** Gary Steacy Dismantling Limited

**Notice Type:** Instrument Decision  
**Notice Date:** February 15, 2002  
**Proposal Date:** July 21, 1999  
**Year:** 1999  
**Proponent Address:** Pt. Lot 33, Concession 3, Cramache Twp. Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Pt. Lot 33, Concession 3 TOWNSHIP OF CRAMAHE

---

**Site:** *Gary Steacy Dismantling Ltd*  
*RR #5, Part of Lot 33, Concession 3 TOWNSHIP OF CRAMAHE ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA6E0677  
**Ministry Ref. No.:** 27446  
**Company Name:** Gary Steacy Dismantling Ltd  
**Notice Type:** Instrument Decision  
**Notice Date:** October 31, 1996  
**Proposal Date:** May 03, 1996  
**Year:** 1996  
**Proponent Address:** General Delivery, Coborne Ontario, K0K 1S0  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

RR #5, Part of Lot 33, Concession 3 TOWNSHIP OF CRAMAHE

---

**Site:** *Scott Taylor, o/a. Taylor's Auto Service*  
*PT.LOT 21/CON.1,NORTHUMBERLAND, ALNWICK TWP. ALNWICK ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA7E0595  
**Ministry Ref. No.:** 8406897 19970424  
**Company Name:** Scott Taylor, o/a. Taylor's Auto Service  
**Notice Type:** Instrument Decision  
**Notice Date:** August 06, 1997  
**Proposal Date:** May 09, 1997  
**Year:** 1997  
**Proponent Address:** R.R #1, Roseneath Ontario, K0K 2X0  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Location Other:**

**Location:**

PT.LOT 21/CON.1,NORTHUMBERLAND, ALNWICK TWP. ALNWICK

---

**Site:** *Corporation of the County of Northumberland*  
*Part Lot 24, Concession 1 HALDIMAND ON*

**Database:**  
*EBR*

**EBR Registry No.:** IA7E0567  
**Ministry Ref. No.:** 28239  
**Company Name:** Corporation of the County of Northumberland  
**Notice Type:** Instrument Decision  
**Notice Date:** September 18, 1997  
**Proposal Date:** May 05, 1997  
**Year:** 1997  
**Proponent Address:** 860 William Street, Cobourg Ontario, K9A 3A9  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Location Other:**

**Location:**

Part Lot 24, Concession 1 HALDIMAND

**Site:** 672385 Ontario Inc.  
Kellogg Ave Lot 2, Concession 1 Hamilton ON L9G 2W3

**Database:**  
**ECA**

**Approval No:** 8420-AMGSNC  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Status:** Approved  
**Approval Date:** 2017-05-30  
**Record Type:** ECA  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Link Source:** IDS  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0138-AK3QKR-14.pdf>

**Site:** Her Majesty the Queen in Right of Ontario as represented by the Minister of Transportation Lot 22, Concession 1 Haldimand ON

**Database:**  
**ECA**

**Approval No:** 0245-4L8P2P  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Status:** Revoked and/or Replaced  
**Approval Date:** 2000-08-28  
**Record Type:** ECA  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Link Source:** IDS  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5684-4NGNDP-14.pdf>

**Site:** Cogeco Cable Canada Inc.  
Part Lot 23, Concession 1 Hamilton ON L7R 4S6

**Database:**  
**ECA**

**Approval No:** 8150-5S7L6Y  
**Approval Type:** ECA-AIR  
**Status:** Approved  
**Approval Date:** 2003-10-16  
**Record Type:** ECA  
**Project Type:** AIR  
**Link Source:** IDS  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2218-5QZQTS-14.pdf>

**Site:**  
Part Lot 32, Con 3 Alnwick Twp ON

**Database:**  
**EHS**

**Order ID:** 39884  
**Order No:** 20031003010  
**Customer ID:** 26426  
**Company ID:** 23646  
**Status:** C  
**Report Code:** 4CAN  
**Report Type:** Custom Report  
**Report Date:** 10/15/03  
**Report Requested by:** Environmental Management Solutions Inc. (EMS)  
**Nearest Intersection:** cty rd 18, cty rd 45  
**Previous Site Name:**  
**Additional Info Ordered:** Fire Insur. Maps and/or Site Plans and/or Inspection Reports

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES**  
**PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON K0K 2G0**

**Database:**  
**EXP**

**Instance No:** 10884750  
**Instance ID:**  
**Instance Type:** FS Liquid Fuel Tank  
**Description:**  
**Status:** EXPIRED  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:**  
**Expired Date:** 6/12/1999

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES**  
**PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON K0K 2G0**

**Database:**  
**EXP**

**Instance No:** 10884768  
**Instance ID:**  
**Instance Type:** FS Liquid Fuel Tank  
**Description:** Fuels Safety Private Fuel Outlet - Self Serve  
**Status:** EXPIRED  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:** FS Liquid Fuel Tank  
**Expired Date:** 6/12/1999

**Site:** **SALEM COUNTRY STORE**  
**LOT 22 CON 1 CRAMAHE TWP ON**

**Database:**  
**EXP**

**Instance No:** 9655554  
**Instance ID:** 387490  
**Instance Type:** FS Facility  
**Description:** FS Propane Refill Cntr - Cylr Fill  
**Status:** EXPIRED  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:**  
**Expired Date:**

**Site:** **SALEM COUNTRY STORE**  
**LOT 22 CON 1 CRAMAHE TWP ON**

**Database:**  
**EXP**

**Instance No:** 10713437  
**Instance ID:** 34824  
**Instance Type:** FS Propane Tank  
**Description:** FS Propane Tank  
**Status:** EXPIRED  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:**  
**Expired Date:**

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES**  
**PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON**

**Database:**  
**EXP**

**Instance No:** 10884774  
**Instance ID:** 48705  
**Instance Type:** FS Piping  
**Description:** FS Piping  
**Status:** EXPIRED  
**TSSA Program Area:**

**Maximum Hazard Rank:**

**Facility Type:**

**Expired Date:**

---

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES  
PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON**

**Database:**  
**EXP**

**Instance No:** 10884759

**Instance ID:** 50391

**Instance Type:** FS Piping

**Description:** FS Piping

**Status:** EXPIRED

**TSSA Program Area:**

**Maximum Hazard Rank:**

**Facility Type:**

**Expired Date:**

---

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES  
PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON K0K 2G0**

**Database:**  
**EXP**

**Instance No:** 10884768

**Instance ID:**

**Instance Type:** FS Liquid Fuel Tank

**Description:**

**Status:** EXPIRED

**TSSA Program Area:**

**Maximum Hazard Rank:**

**Facility Type:**

**Expired Date:** 6/12/1999

---

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES  
PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON**

**Database:**  
**EXP**

**Instance No:** 9278195

**Instance ID:** 384020

**Instance Type:** FS Facility

**Description:** Fuels Safety Private Fuel Outlet - Self Serve

**Status:** EXPIRED

**TSSA Program Area:**

**Maximum Hazard Rank:**

**Facility Type:**

**Expired Date:**

---

**Site:** **MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES  
PRT LOT 22 CON 1 HALDIMAND TWP GRAFTON ON K0K 2G0**

**Database:**  
**EXP**

**Instance No:** 10884750

**Instance ID:**

**Instance Type:** FS Liquid Fuel Tank

**Description:** Fuels Safety Private Fuel Outlet - Self Serve

**Status:** EXPIRED

**TSSA Program Area:**

**Maximum Hazard Rank:**

**Facility Type:**

**Expired Date:** 6/12/1999

---

**Site:** **BLUE WATER TRUCK CENTRE (1991) INC.  
PLAN 564, PT. LOT 7 TOWNSHIP OF COLBORNE ON M7A 4C7**

**Database:**  
**GEN**

**Generator No.:** ON2077300

**Status:**

**PO Box No.:**

**Country:**

**Approval Years:** 95,96,97,98  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 6351  
**SIC Description:** GARAGES(GEN. REPAIR)

**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** BLUE WATER TRUCK CENTRE (1991) INC.  
PLAN 564, PART LOT 7 TOWNSHIP OF COLBORNE ON M7A 4C7

**Database:**  
**GEN**

**Generator No.:** ON2077300  
**Status:**  
**Approval Years:** 99,00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 6351  
**SIC Description:** GARAGES(GEN. REPAIR)

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

**--Details--**  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** WAYCON INTERNATIONAL TRUCK SALES LTD.  
PLAN 564, PART LOT 7 TOWNSHIP OF COLBORNE ON

**Database:**  
**GEN**

**Generator No.:** ON2077300  
**Status:**  
**Approval Years:** 2009  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 811111  
**SIC Description:** General Automotive Repair

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

**--Details--**  
**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** WRIGHT TRANSPORTATION SERVICES LTD.  
PLAN 564, PART LOT 7 TOWNSHIP OF COLBORNE ON M7A 4C7

**Database:**  
**GEN**

**Generator No.:** ON2077300  
**Status:**  
**Approval Years:** 02  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 811111  
**SIC Description:** General Automotive Repair

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

**--Details--**  
**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

---

**Site:** GARY STEACY DISMANTLING LTD.

**Database:**  
**GEN**

**R.R.#2 PERCY ST. CRAMAHE ON K0K 1S0**

**Generator No.:** ON1044000      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 88      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No. Admin:**  
**SIC Code:** 5919      OTHER WASTE MATERIAL  
**SIC Description:**

**--Details--**

**Waste Code:** 251      **Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** **DURHAM TRANSPORT LTD**  
**LOT 32, CONCESSION 2, PERCY STREET** COLBORNE ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON0686400      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 97,98      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No. Admin:**  
**SIC Code:** 4561      GEN. FREIGHT TRUCK.  
**SIC Description:**

**--Details--**

**Waste Code:** 213      **Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 251      **Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 252      **Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** **DURHAM TRANSPORT LTD.**      **14-252**  
**LOT 32, CONCESSION 2, PERCY STREET** COLBORNE ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON0686400      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 92,93,94,95,96      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No. Admin:**  
**SIC Code:** 4561      GEN. FREIGHT TRUCK.  
**SIC Description:**

**--Details--**

**Waste Code:** 213      **Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 251      **Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 252      **Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** **DURHAM TRANSPORT LIMITED**  
**LOT 32, CONCESSION 2 PERCY STREET** COLBORNE ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON0686400      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 99,00,01      **Choice of Contact:**

**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4561  
**SIC Description:** GEN. FREIGHT TRUCK.

**Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES  
  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** GARY STEACY DISMANTLING LTD  
PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON1044000  
**Status:**  
**Approval Years:** 02,03,04,05,06,07,08  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 562210  
**SIC Description:** Waste Treatment & Disposal

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

**--Details--**  
**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
  
**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
  
**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS  
  
**Waste Code:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES  
  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
  
**Waste Code:** 243  
**Waste Description:** PCB'S  
  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** NORTHUMBERLAND, COUNTY OF  
PART LOT 24, CONCESSION 1 HALDIMAND TWP. ON K0K 2G0 **Database:**  
**GEN**

**Generator No.:** ON0348105 **PO Box No.:**  
**Status:** **Country:**  
**Approval Years:** 96,97 **Choice of Contact:**  
**Contam. Facility:** **Co Admin:**  
**MHSW Facility:** **Phone No. Admin:**  
**SIC Code:** 8373  
**SIC Description:** ENVIRON. ADMIN.

**--Details--**

**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

**Waste Code:** 242  
**Waste Description:** HALOGENATED PESTICIDES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

**Waste Code:** 261  
**Waste Description:** PHARMACEUTICALS

**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS

**Waste Code:** 269  
**Waste Description:** NON-HALOGENATED PESTICIDES

**Waste Code:** 312  
**Waste Description:** PATHOLOGICAL WASTES

**Waste Code:** 331  
**Waste Description:** WASTE COMPRESSED GASES

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 148  
**Waste Description:** INORGANIC LABORATORY CHEMICALS

**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

---

**Site:** ConCreate USL (GP) Inc.  
Lot 1 Conc 1 Hamilton ON **Database:**  
**GEN**

**Generator No.:** ON6143063 **PO Box No.:**  
**Status:** **Country:**  
**Approval Years:** 2012 **Choice of Contact:**  
**Contam. Facility:** **Co Admin:**  
**MHSW Facility:** **Phone No. Admin:**  
**SIC Code:** 237310, 238110  
**SIC Description:** Highway Street and Bridge Construction, Poured Concrete Foundation and Structure Contractors

---

**Site:** GARY STEACY DISMANTLING LTD.  
LOT 33, CONC. 3, CRAMAHE TWP. C/O RR#2, PERCY ST. COLBORNE ON K0K 1S0 **Database:**  
**GEN**

**Generator No.:** ON1044000 **PO Box No.:**  
**Status:** **Country:**  
**Approval Years:** 89,90 **Choice of Contact:**

**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 5919  
**SIC Description:** OTHER WASTE MATERIAL

**Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** GARY STEACY DISMANTLING LTD. 16-247  
LOT 33, CONC. 3, CRAMAHE TWP. C/O RR#2, PERCY ST. COLBORNE ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON1044000  
**Status:**  
**Approval Years:** 94  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 5919  
**SIC Description:** OTHER WASTE MATERIAL

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

**--Details--**  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON

**Database:**  
**GEN**

**Generator No.:** ON2065900  
**Status:**  
**Approval Years:** 95,96,97,98,99,00,01,02,03,04  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4563  
**SIC Description:** BULK LIQ. TRUCKING

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

**--Details--**  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON K0K 2H0

**Database:**  
**GEN**

**Generator No.:** ON2065900  
**Status:**  
**Approval Years:** 2014  
**Contam. Facility:** No

**PO Box No.:**  
**Country:** Canada  
**Choice of Contact:** CO\_OFFICIAL  
**Co Admin:** Maria A Palmer

**MHSW Facility:** No 484221 **Phone No. Admin:** 905-342-5476 Ext.  
**SIC Code:**  
**SIC Description:** BULK LIQUIDS 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  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON **Database:** GEN

**Generator No.:** ON2065900 **PO Box No.:**  
**Status:** **Country:**  
**Approval Years:** 2010 **Choice of Contact:**  
**Contam. Facility:** **Co Admin:**  
**MHSW Facility:** **Phone No. Admin:**  
**SIC Code:** 484221  
**SIC Description:** Bulk Liquids Trucking Local

--Details--  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON K0K 2H0 **Database:** GEN

**Generator No.:** ON2065900 **PO Box No.:**  
**Status:** Registered **Country:** Canada  
**Approval Years:** As of Dec 2017 **Choice of Contact:**  
**Contam. Facility:** **Co Admin:**  
**MHSW Facility:** **Phone No. Admin:**  
**SIC Code:**  
**SIC Description:**

--Details--  
**Waste Code:** 251 L  
**Waste Description:** Waste oils/sludges (petroleum based)

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON **Database:** GEN

**Generator No.:** ON2065900 **PO Box No.:**  
**Status:** **Country:**

**Approval Years:** 2009  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 484221  
**SIC Description:** Bulk Liquids Trucking Local

**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON K0K 2H0

**Database:**  
**GEN**

**Generator No.:** ON2065900  
**Status:**  
**Approval Years:** 2015  
**Contam. Facility:** No  
**MHSW Facility:** No  
**SIC Code:** 484221  
**SIC Description:** BULK LIQUIDS TRUCKING, LOCAL

**PO Box No.:**  
**Country:** Canada  
**Choice of Contact:** CO\_OFFICIAL  
**Co Admin:** Kelly B Johnson  
**Phone No. Admin:** 905-342-5476 Ext.

**--Details--**  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** JOHNSON SEPTIC SERVICE LTD.  
LOT 33 & 1/4 LOT 34 CONCESSION HALDIMAND TOWNSHIP ON K0K 2H0

**Database:**  
**GEN**

**Generator No.:** ON2065900  
**Status:**  
**Approval Years:** 2016  
**Contam. Facility:** No  
**MHSW Facility:** No  
**SIC Code:** 484221  
**SIC Description:** BULK LIQUIDS TRUCKING, LOCAL

**PO Box No.:**  
**Country:** Canada  
**Choice of Contact:** CO\_OFFICIAL  
**Co Admin:** Kelly B Johnson  
**Phone No. Admin:** 905-342-5476 Ext.

**--Details--**  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** HALDIMAND, TOWNSHIP OF  
LOT 24, CONCESSION 1 HALDIMAND TWP. ON K0K 2G0

**Database:**  
**GEN**

**Generator No.:** ON0759401  
**Status:**  
**Approval Years:** 99,00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 9699  
**SIC Description:** OTHER AMUSE./REC.

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

**--Details--**

**Waste Code:** 133  
**Waste Description:** BRINES, CHLOR-ALKALI WASTES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** HALDIMAND, TWP OF  
LOT 24, CONC 1 HALDIMAND TWP. ON K0K 2G0

**Database:**  
**GEN**

**Generator No.:** ON0759401  
**Status:**  
**Approval Years:** 92,93,97,98  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 9699  
**SIC Description:** OTHER AMUSE./REC.

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

**--Details--**

**Waste Code:** 133  
**Waste Description:** BRINES, CHLOR-ALKALI WASTES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** KENDY LEATHER INC.  
LOT 2, PART LOT 32, CONCESSION 3 CRAMAHE TOWNSHIP ON

**Database:**  
**GEN**

**Generator No.:** ON1912700  
**Status:**  
**Approval Years:** 99,00,01,02,03,04  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 1992  
**SIC Description:** CONTRACT TEX. DYEING

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

**--Details--**

**Waste Code:** 311  
**Waste Description:** ORGANIC TANNERY WASTES

---

**Site:** KENDY LEATHER INC.  
LOT 2, PART LOT 32, CONC. 3 CRAMAHE TOWNSHIP ON

**Database:**  
**GEN**

**Generator No.:** ON1912700  
**Status:**

**PO Box No.:**  
**Country:**

**Approval Years:** 94,95,96,97,98  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 1992  
**SIC Description:** CONTRACT TEX. DYEING

**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 311  
**Waste Description:** ORGANIC TANNERY WASTES

---

**Site:** TRENT VALLEY SAND & STONE LIMITED  
LOT 15-18, CONCESSION 1 & 2 CRAMABHE ON K0K 1H0

**Database:**  
**GEN**

**Generator No.:** ON1407901  
**Status:**  
**Approval Years:** 99,00,01,03  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0821  
**SIC Description:** SAND & GRAVEL PITS

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

**--Details--**  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** TRENT VALLEY SAND & STONE LIMITED  
LOT 15-18, CONCESSION 1 & 2 CRAMABHE ON K0K 1H0

**Database:**  
**GEN**

**Generator No.:** ON1407901  
**Status:**  
**Approval Years:** 04  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

---

**Site:** TRENT VALLEY SAND & STONE LTD.  
LOT 15-18 CONC 1 & 2, CRAMAHE TWP. C/O 10 MILNER BUSINESS CTR. STE 402 SCARBOROUGH ON M1B 3C4

**Database:**  
**GEN**

**Generator No.:** ON1407901  
**Status:**  
**Approval Years:** 90  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0000  
**SIC Description:** \*\*\* NOT DEFINED \*\*\*

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

---

**Site:** TRENT VALLEY SAND & STONE LTD. 37-766  
LOT 15-18 CONC 1 & 2, CRAMAHE TWP. C/O 10 MILNER BUSINESS CTR. STE 402 SCARBOROUGH ON M1B 3C4

**Database:**  
**GEN**

**Generator No.:** ON1407901  
**Status:**  
**Approval Years:** 94,95,96  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0821  
**SIC Description:** SAND & GRAVEL PITS

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

**--Details--**

**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

**Site:** **TRENT VALLEY SAND & STONE LTD.**  
**LOT 15-18 CONC 1 & 2, CRAMABHE ON M1B 3C4**

**Database:**  
**GEN**

**Generator No.:** ON1407901  
**Status:**  
**Approval Years:** 92,93,97,98  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0821  
**SIC Description:** SAND & GRAVEL PITS

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

**--Details--**  
**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

**Site:** **DENNACRES ELEVATORS & FARMS LTD.**  
**LOT 14, CONCESSION #1 HALDIMAND NORFOLK ON**

**Database:**  
**GEN**

**Generator No.:** ON2393000  
**Status:**  
**Approval Years:** 98,99,00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0141  
**SIC Description:** FIELD CROP COMP FARM

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

**--Details--**  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

**Site:** **COBOURG, TOWN OF JOHN R. EAGLESON-TOWN LANDFILL SITE LOT 32, CONC. 1 HALDIMAND TWP. ON**

**Database:**  
**GEN**

**Generator No.:** ON0057900  
**Status:**  
**Approval Years:** 92,93,97  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 8325  
**SIC Description:** REGULATORY SERV.

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

**--Details--**  
**Waste Code:** 149  
**Waste Description:** LANDFILL LEACHATES

**Site:** **Enbridge Pipelines Inc**  
**Con 2 Lot 23 Coburg ON K9A 4J7**

**Database:**  
**GEN**

**Generator No.:** ON2566795      **PO Box No.:**

**Status:** Canada  
**Approval Years:** 2015  
**Contam. Facility:** CO\_ADMIN  
**MHSW Facility:** Allen MacGarvie  
**SIC Code:** 613-680-6755 Ext.  
**SIC Description:** 486910

**--Details--**

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

**Site:** GARY STEACY DISMANTLING LTD.  
**PART LOT 33, CONCESSION 3 CRAMAHE TWP. ON K0K 1S0**

**Database:**  
**GEN**

**Generator No.:** ON1044000  
**Status:**  
**Approval Years:** 92,93,97  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 5919  
**SIC Description:** OTHER WASTE MATERIAL

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

**--Details--**

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 243  
**Waste Description:** PCB'S

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Site:** GARY STEACY DISMANTLING LTD  
**PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0**

**Database:**  
**GEN**

**Generator No.:** ON1044000  
**Status:**  
**Approval Years:** 2016  
**Contam. Facility:** No  
**MHSW Facility:** No  
**SIC Code:** 418110, 562920  
**SIC Description:** RECYCLABLE METAL WHOLESALER-DISTRIBUTORS, 562920

**PO Box No.:**  
**Country:** Canada  
**Choice of Contact:** CO\_ADMIN  
**Co Admin:** Rodney Payne  
**Phone No. Admin:** 905-355-3046 Ext.222

**--Details--**

**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES

**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS

**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS

**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Waste Code:** 254

**Waste Description:** TRANSFER STATION OILS WASTES  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
**Waste Code:** 243  
**Waste Description:** PCB'S  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

**Site:** GARY STEACY DISMANTLING LTD  
PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON

**Database:**  
**GEN**

**Generator No.:** ON1044000      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 2009      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No. Admin:**  
**SIC Code:** 418110, 562920  
**SIC Description:** Recyclable Metal Wholesaler-Distributors, Material Recovery Facilities

**--Details--**

**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:** 150  
**Waste Description:** INERT INORGANIC WASTES  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
**Waste Code:** 243

**Waste Description:** PCBS  
**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:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES

**Site:** GARY STEACY DISMANTLING LTD  
**Address:** PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0      **Database:** GEN

<b>Generator No.:</b>	ON1044000	<b>PO Box No.:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2015	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Rodney Payne
<b>MHSW Facility:</b>	No	<b>Phone No. Admin:</b>	905-355-3046 Ext.222
<b>SIC Code:</b>	418110, 562920		
<b>SIC Description:</b>	RECYCLABLE METAL WHOLESALER-DISTRIBUTORS, 562920		

**--Details--**

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS  
**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS  
**Waste Code:** 243  
**Waste Description:** PCBS  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
**Waste Code:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES  
**Waste Code:** 221

**Site:** GARY STEACY DISMANTLING LTD  
PART LOT 33, CONCESSION 3 CRAAMAHE TOWNSHIP ON KOK 1SO

Database:  
GEN

**Generator No.:** ON1044000

**PO Box No.:**

**Status:** Registered

**Country:**

Canada

**Approval Years:** As of Dec 2017

**Choice of Contact:**

**Contam. Facility:**

**Co Admin:**

**MHSW Facility:**

**Phone No. Admin:**

**SIC Code:**

**SIC Description:**

**--Details--**

**Waste Code:** 241 H

**Waste Description:** Halogenated solvents and residues

**Waste Code:** 252 L

**Waste Description:** Waste crankcase oils and lubricants

**Waste Code:** 253 L

**Waste Description:** Emulsified oils

**Waste Code:** 251 T

**Waste Description:** Waste oils/sludges (petroleum based)

**Waste Code:** 212 L

**Waste Description:** Aliphatic solvents and residues

**Waste Code:** 221 I

**Waste Description:** Light fuels

**Waste Code:** 251 C

**Waste Description:** Waste oils/sludges (petroleum based)

**Waste Code:** 211 H

**Waste Description:** Aromatic solvents and residues

**Waste Code:** 122 C

**Waste Description:** Alkaline slutions - containing other metals and non-metals (not cyanide)

**Waste Code:** 146 T

**Waste Description:** Other specified inorganic sludges, slurries or solids

**Waste Code:** 145 L

**Waste Description:** Wastes from the use of pigments, coatings and paints

**Waste Code:** 150 L

**Waste Description:** Inert organic wastes

**Waste Code:** 146 L

**Waste Description:** Other specified inorganic sludges, slurries or solids

**Waste Code:** 254 L

**Waste Description:** Oily water/waste oil from waste transfer/processing sites

**Waste Code:** 243 D

**Waste Description:** PCB

**Waste Code:** 251 L

**Waste Description:** Waste oils/sludges (petroleum based)

**Waste Code:** 222 I

**Waste Description:** Heavy fuels

**Site:** GARY STEACY DISMANTLING LTD  
PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON1044000      **PO Box No.:**  
**Status:**      **Country:** Canada  
**Approval Years:** 2014      **Choice of Contact:** CO\_OFFICIAL  
**Contam. Facility:** No      **Co Admin:** Rodney Payne  
**MHSW Facility:** No      **Phone No. Admin:** 905-355-3046 Ext.222  
**SIC Code:** 418110, 562920  
**SIC Description:** RECYCLABLE METAL WHOLESALER-DISTRIBUTORS, 562920

**--Details--**

**Waste Code:** 145      **Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 251      **Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 221      **Waste Description:** LIGHT FUELS

**Waste Code:** 241      **Waste Description:** HALOGENATED SOLVENTS

**Waste Code:** 211      **Waste Description:** AROMATIC SOLVENTS

**Waste Code:** 252      **Waste Description:** WASTE OILS & LUBRICANTS

**Waste Code:** 212      **Waste Description:** ALIPHATIC SOLVENTS

**Waste Code:** 122      **Waste Description:** ALKALINE WASTES - OTHER METALS

**Waste Code:** 253      **Waste Description:** EMULSIFIED OILS

**Waste Code:** 146      **Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 222      **Waste Description:** HEAVY FUELS

**Waste Code:** 254      **Waste Description:** TRANSFER STATION OILS WASTES

**Waste Code:** 150      **Waste Description:** INERT INORGANIC WASTES

**Waste Code:** 243      **Waste Description:** PCBS

---

**Site:** GARY STEACY DISMANTLING LTD. 16-247  
PART LOT 33, CONCESSION 3 CRAMAHE TWP. ON

**Database:**  
**GEN**

**Generator No.:** ON1044000      **PO Box No.:**  
**Status:**      **Country:**  
**Approval Years:** 95,96      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No. Admin:**  
**SIC Code:** 5919      **SIC Description:** OTHER WASTE MATERIALS

**--Details--**

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Site:** GARY STEACY DISMANTLING LTD  
 PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON **Database:**  
**GEN**

**Generator No.:** ON1044000 **PO Box No.:**  
**Status:** **Country:**  
**Approval Years:** 2010 **Choice of Contact:**  
**Contam. Facility:** **Co Admin:**  
**MHSW Facility:** **Phone No. Admin:**  
**SIC Code:** 418110, 562920  
**SIC Description:** Recyclable Metal Wholesaler-Distributors, Material Recovery Facilities

**--Details--**

**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES

**Waste Code:** 243  
**Waste Description:** PCBs

**Waste Code:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS

**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS

**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS

**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

**Site:** GARY STEACY DISMANTLING LTD  
 PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON **Database:**  
**GEN**

**Generator No.:** ON1044000 **PO Box No.:**  
**Status:** **Country:**

**Approval Years:** 2011  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 418110, 562920  
**SIC Description:** Recyclable Metal Wholesaler-Distributors, Material Recovery Facilities

**--Details--**

**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES  
  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
  
**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
  
**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS  
  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
  
**Waste Code:** 243  
**Waste Description:** PCBs  
  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
  
**Waste Code:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES

**Site:** GARY STEACY DISMANTLING LTD  
 PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0

**Database:**  
**GEN**

**Generator No.:** ON1044000  
**Status:**  
**Approval Years:** 2012  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 418110, 562920  
**SIC Description:** Recyclable Metal Wholesaler-Distributors, Material Recovery Facilities

**--Details--**

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
  
**Waste Code:** 122

<b>Waste Description:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Code:</b>	211
<b>Waste Description:</b>	AROMATIC SOLVENTS
<b>Waste Code:</b>	222
<b>Waste Description:</b>	HEAVY FUELS
<b>Waste Code:</b>	251
<b>Waste Description:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Code:</b>	253
<b>Waste Description:</b>	EMULSIFIED OILS
<b>Waste Code:</b>	221
<b>Waste Description:</b>	LIGHT FUELS
<b>Waste Code:</b>	254
<b>Waste Description:</b>	TRANSFER STATION OILS WASTES
<b>Waste Code:</b>	145
<b>Waste Description:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Code:</b>	243
<b>Waste Description:</b>	PCBS
<b>Waste Code:</b>	150
<b>Waste Description:</b>	INERT INORGANIC WASTES
<b>Waste Code:</b>	252
<b>Waste Description:</b>	WASTE OILS & LUBRICANTS

---

<b>Site:</b>	<b>GARY STEACY DISMANTLING LTD PART LOT 33, CONCESSION 3 CRAAMAHE TOWNSHIP ON</b>	<b>Database: GEN</b>
<b>Generator No.:</b>	ON1044000	<b>PO Box No.:</b>
<b>Status:</b>		<b>Country:</b>
<b>Approval Years:</b>	2013	<b>Choice of Contact:</b>
<b>Contam. Facility:</b>		<b>Co Admin:</b>
<b>MHSW Facility:</b>		<b>Phone No. Admin:</b>
<b>SIC Code:</b>	418110, 562920	RECYCLABLE METAL WHOLESALER-DISTRIBUTORS
<b>SIC Description:</b>		
<b>--Details--</b>		
<b>Waste Code:</b>	243	
<b>Waste Description:</b>	PCBS	
<b>Waste Code:</b>	221	
<b>Waste Description:</b>	LIGHT FUELS	
<b>Waste Code:</b>	253	
<b>Waste Description:</b>	EMULSIFIED OILS	
<b>Waste Code:</b>	254	
<b>Waste Description:</b>	TRANSFER STATION OILS WASTES	
<b>Waste Code:</b>	122	
<b>Waste Description:</b>	ALKALINE WASTES - OTHER METALS	
<b>Waste Code:</b>	146	
<b>Waste Description:</b>	OTHER SPECIFIED INORGANICS	
<b>Waste Code:</b>	211	
<b>Waste Description:</b>	AROMATIC SOLVENTS	
<b>Waste Code:</b>	212	

**Waste Description:** ALIPHATIC SOLVENTS  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
**Waste Code:** 150  
**Waste Description:** INERT INORGANIC WASTES  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES

**Site:** GARY STEACY DISMANTLING LIMITED  
 PART LOT 33, CONCESSION 3 CRAMAHE TOWNSHIP ON K0K 1S0

**Database:**  
 GEN

**Generator No.:** ON1044000      **PO Box No.:**  
**Status:**  
**Approval Years:** 98,99,00,01      **Country:**  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 5919      **Choice of Contact:**  
**SIC Description:** OTHER WASTE MATERIALS      **Co Admin:**  
**Phone No. Admin:**

**--Details--**  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS  
**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:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES

**Site:** The Corporation of the County of Northumberland  
Lot 32, Concession 1 Township of Alnwick/Haldimand ON

**Database:**  
[LIMO](#)

**C of A No:** A311702  
**C of A Issue Date:** 1/6/1988  
**C of A Issued to:**  
**Operation Status:** Closed  
**Landfill Type:**  
**Total Site Area:**  
**Footprint:**  
**Tot Apprvd Capac:**  
**Tot Aprv Cp Unit:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Est Remain Cap:**  
**ERC Volume Unit:**  
**ERC Methodology:**  
**ERC Dt Last Det:**  
**Total Waste Rec:**  
**TWR Unit:**  
**TWR Methodology:**  
**Site Name:** Eagleson (Coburg) Landfill  
**Air Emmis Monitor:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Landfill Gas Manag (P):**  
**Landfill Gas Manag (F):**  
**Landfill Gas Manag (E):**  
**Req Col Lndfill Gas:**  
**Lndfill Gas Cllcted:**  
**Lndfill Gas Mntr:**  
**Service Area:**  
**Approved Waste Type:**

**Site County:** Northumberland  
**MOE Region:** Eastern  
**MOE District:** Peterborough  
**Easting:**  
**Northing:**  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**Data Source:** small landfills  
**Cntm Attn Zn:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Lst Rprtng Yr:**  
**Fin Assrnce:**  
**Nat Attnuatn:**  
**Liners:**  
**Cvr Material:**

**Site:** The Corporation of the Regional Municipality of Hamilton-Wentworth  
Lot 35, Concession 3 City of Hamilton ON

**Database:**  
[LIMO](#)

**C of A No:** A130202  
**C of A Issue Date:** 12/14/1970  
**C of A Issued to:**  
**Operation Status:** Closed  
**Landfill Type:**  
**Total Site Area:**  
**Footprint:**  
**Tot Apprvd Capac:**  
**Tot Aprv Cp Unit:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Est Remain Cap:**  
**ERC Volume Unit:**  
**ERC Methodology:**  
**ERC Dt Last Det:**  
**Total Waste Rec:**  
**TWR Unit:**  
**TWR Methodology:**  
**Site Name:** Ancaster Landfill  
**Air Emmis Monitor:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Landfill Gas Manag (P):**  
**Landfill Gas Manag (F):**  
**Landfill Gas Manag (E):**  
**Req Col Lndfill Gas:**  
**Lndfill Gas Cllcted:**  
**Lndfill Gas Mntr:**  
**Service Area:**  
**Approved Waste Type:**

**Site County:** Hamilton  
**MOE Region:** West Central  
**MOE District:** Hamilton  
**Easting:**  
**Northing:**  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**Data Source:** small landfills  
**Cntm Attn Zn:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Lst Rprtng Yr:**  
**Fin Assrnce:**  
**Nat Attnuatn:**  
**Liners:**  
**Cvr Material:**

**Site:** The Corporation of the Regional Municipality of Hamilton-Wentworth  
Lot 35, Concession 3 City of Hamilton ON

**Database:**  
**LIMO**

**C of A No:** A130102  
**C of A Issue Date:** 5/24/1972  
**C of A Issued to:**  
**Operation Status:** Closed  
**Landfill Type:**  
**Total Site Area:**  
**Footprint:**  
**Tot Apprvd Capac:**  
**Tot Aprv Cp Unit:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Est Remain Cap:**  
**ERC Volume Unit:**  
**ERC Methodology:**  
**ERC Dt Last Det:**  
**Total Waste Rec:**  
**TWR Unit:**  
**TWR Methodology:**  
**Site Name:** Kay Drage Park/Hamilton Landfill  
**Air Emmis Monitor:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Landfill Gas Manag (P):**  
**Landfill Gas Manag (F):**  
**Landfill Gas Manag (E):**  
**Req Col Lndfill Gas:**  
**Lndfill Gas Cllctd:**  
**Lndfill Gas Mntr:**  
**Service Area:**  
**Approved Waste Type:**

**Site County:** Hamilton  
**MOE Region:** West Central  
**MOE District:** Hamilton  
**Easting:**  
**Northing:**  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**Data Source:** small landfills  
**Cntm Attn Zn:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Lst Rptng Yr:**  
**Fin Assrnce:**  
**Nat Attnuatin:**  
**Liners:**  
**Cvr Material:**

**Site:** The Corporation of the Township of Halldimand  
Lot 24, Concession 1 Township of Alnwick/Halldimand ON

**Database:**  
**LIMO**

**C of A No:** A311706  
**C of A Issue Date:** 2/26/1993  
**C of A Issued to:**  
**Operation Status:** Closed  
**Landfill Type:**  
**Total Site Area:**  
**Footprint:**  
**Tot Apprvd Capac:**  
**Tot Aprv Cp Unit:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Est Remain Cap:**  
**ERC Volume Unit:**  
**ERC Methodology:**  
**ERC Dt Last Det:**  
**Total Waste Rec:**  
**TWR Unit:**  
**TWR Methodology:**  
**Site Name:** Grafton Landfill  
**Air Emmis Monitor:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Landfill Gas Manag (P):**  
**Landfill Gas Manag (F):**  
**Landfill Gas Manag (E):**  
**Req Col Lndfill Gas:**  
**Lndfill Gas Cllctd:**  
**Lndfill Gas Mntr:**

**Site County:** Northumberland  
**MOE Region:** Eastern  
**MOE District:** Peterborough  
**Easting:**  
**Northing:**  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**Data Source:** small landfills  
**Cntm Attn Zn:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Lst Rptng Yr:**  
**Fin Assrnce:**  
**Nat Attnuatin:**  
**Liners:**  
**Cvr Material:**

Service Area:  
Approved Waste Type:

**Site:** The Corporation of the Township of Haldimand  
Lot 24, Concession 1 Township of Alnwick/Haldimand ON

Database:  
**LIMO**

**C of A No:** A311716  
**C of A Issue Date:** 3/18/1993  
**C of A Issued to:**  
**Operation Status:** Closed  
**Landfill Type:**  
**Total Site Area:**  
**Footprint:**  
**Tot Apprvd Capac:**  
**Tot Aprv Cp Unit:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Est Remain Cap:**  
**ERC Volume Unit:**  
**ERC Methodology:**  
**ERC Dt Last Det:**  
**Total Waste Rec:**  
**TWR Unit:**  
**TWR Methodology:**  
**Site Name:** Grafton Landfill  
**Air Emmis Monitor:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Landfill Gas Manag (P):**  
**Landfill Gas Manag (F):**  
**Landfill Gas Manag (E):**  
**Req Col Lndfill Gas:**  
**Lndfill Gas Cllctd:**  
**Lndfill Gas Mntr:**  
**Service Area:**  
**Approved Waste Type:**

**Site County:** Northumberland  
**MOE Region:** Eastern  
**MOE District:** Peterborough  
**Easting:**  
**Northing:**  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**Data Source:** small landfills  
**Cntm Attn Zn:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Lst Rprtng Yr:**  
**Fin Assrnce:**  
**Nat Attnuatin:**  
**Liners:**  
**Cvr Material:**

**Site:** CITY OF HAMILTON  
Concession 1, Part of Lot 29, BF. CITY OF HAMILTON ON

Database:  
**NPRI**

**NPRI ID:** 8800000851  
**Other ID:**  
**No Other ID:**  
**Track ID:**  
**Report ID:**  
**Report Type:**  
**Rpt Type ID:**  
**Report Year:** 2004  
**Not-Current Rpt?:**  
**Yr of Last Filed Rpt:**  
**Fac ID:**  
**Fac Name:** BRAMPTON STREET LANDFILL  
**Fac Address1:**  
**Fac Address2:**  
**Fac Postal Zip:**  
**Facility Lat:**  
**Facility Long:**  
**DLS (Last Filed Rpt):**  
**Facility DLS:**  
**Datum:**  
**Facility Cmnts:**  
**URL:**  
**No of Empl.:** 4  
**Parent Co.:**  
**No Parent Co.:**  
**Pollut Prev Cmnts:**

**Org ID:**  
**Submit Date:**  
**Last Modified:**  
**Contact ID:**  
**Cont Type:** MED  
**Contact Title:** Mr.  
**Cont First Name:** Justin  
**Cont Last Name:** Readman  
**Contact Position:** Project Manager  
**Contact Fax:**  
**Contact Ph.:**  
**Cont Area Code:** 905  
**Contact Tel.:** 5462424  
**Contact Ext.:** 2156  
**Cont Fax Area Cde:** 905  
**Contact Fax:** 5464473  
**Contact Email:** jreadman@hamilton.ca  
**Latitude:**  
**Longitude:**  
**UTM Zone:**  
**UTM Northing:**  
**UTM Easting:**  
**Waste Streams:**  
**No Streams:**  
**Waste Off Sites:**  
**No Off Sites:**

**Stacks:**  
**No of Stacks:**  
**Canadian SIC Code (2 digit):**  
**Canadian SIC Code:**  
**SIC Code Description:**  
**American SIC Code:**  
**NAICS Code (2 digit):**  
**NAICS 2 Description:**  
**NAICS Code (4 digit):**  
**NAICS 4 Description:**  
**NAICS Code (6 digit):**  
**NAICS 6 Description:**

**Shutdown:**  
**No of Shutdown:**  
56  
Administrative and Support, Waste Management and Remediation Services  
5622  
Waste Treatment and Disposal  
562210  
Waste Treatment and Disposal

**Substance Release Report**

**CAS No:** 124-38-9

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** Carbon dioxide

**Air:**

**Water:**

**Land:**

**Total Releases:**

**Units:** tonnes

**CAS No:** 7446-09-5

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** Sulphur dioxide

**Air:**

**Water:**

**Land:**

**Total Releases:**

**Units:** tonnes

**CAS No:** 811-97-2

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** HFC-134a Hydrofluorocarbon

**Air:**

**Water:**

**Land:**

**Total Releases:**

**Units:** tonnes

**CAS No:** 11104-93-1

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** Nitrogen oxides (expressed as NO<sub>2</sub>)

**Air:**

**Water:**

**Land:**

**Total Releases:**

**Units:** tonnes

**CAS No:** 74-82-8

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** Methane

**Air:**

**Water:**

**Land:**

**Total Releases:**

**Units:** tonnes

**CAS No:** 630-08-0

**Report ID:**

**Rpt Period:** 2004

**Subst Released:** Carbon monoxide  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes  
  
**CAS No:**  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** Volatile Organic Compounds (VOCs)  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes  
  
**CAS No:** 10024-97-2  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** Nitrous oxide  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes  
  
**CAS No:** NA - M08  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** PM - Total Particulate Matter  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes  
  
**CAS No:** NA - M10  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** PM2.5 - Particulate Matter <= 2.5 Microns  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes  
  
**CAS No:** NA - M09  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** PM10 - Particulate Matter <= 10 Microns  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes

---

**Site:** MINISTRY OF TRANSPORTATION ATTN WAYNE BRYDGES  
PRT LOT 22 CON 1 HALDIMAND TWP NORTHUMBERLAND CO ON

**Database:**  
**PRT**

**Location ID:** 10274  
**Type:** private  
**Expiry Date:**  
**Capacity (L):** 19500.00  
**Licence #:** 0001019944

---

**Site:** NEIL OCONNELL  
LOT 15 CON 1 HAMILTON TWP ON L9C 3B5

**Database:**  
**PRT**

**Location ID:** 617  
**Type:** private  
**Expiry Date:**  
**Capacity (L):** 6819.00  
**Licence #:** 0001009181

---

**Site:** SALEM COUNTRY STORE  
LOT 22 CON 1 CRAMAHE TWP ON

**Database:**  
**PRT**

**Location ID:** 3646  
**Type:** retail  
**Expiry Date:** 1991-11-30  
**Capacity (L):** 1000  
**Licence #:** 0034387001

---

**Site:** Cooper Bay Fishery Ltd.  
Lot 1, Concession 1, Town of Haldimand, Regional Municipality of Haldimand-Norfolk HALDIMAND ON

**Database:**  
**PTTW**

**EBR Registry No.:** IA6E1268  
**Ministry Ref. No.:** W960386  
**Notice Type:** Instrument Decision  
**Notice Date:** July 17, 1997  
**Proposal Date:** August 16, 1996  
**Year:** 1996  
**Proponent Address:** 65 Lakeshore Road, Selkirk Ontario, N0A 1P0  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Location:** Lot 1, Concession 1, Town of Haldimand, Regional Municipality of Haldimand-Norfolk HALDIMAND  
**Location Other:**

---

**Site:** GARY STEACY DISMANTLING LTD.  
PT.OF LOT 33, CON.3,TWP. OF CRAMAHE GENERAL DELIVERY COLBORNE ON K0K 1S0

**Database:**  
**REC**

**Rec Op Div:**  
**Co Admin:**  
**Phone No Admin:**  
**Rec Div:**  
**Rec Op Name:**  
**Choice of Contact:**  
**Site Bldg:**  
**Site PO Box:**  
**Receiver #:** A311507  
**Facility Type:** TRANSFER STATION  
**Approval Yrs.:** 92,94,95,96

**--Details--**  
**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Site:** GARY STEACY DISMANTLING LTD.  
LOT 33, CONC 3 CRAMAHE TWP. ON K0K 1S0

**Database:**  
**REC**

**Rec Op Div:**  
**Co Admin:**  
**Phone No Admin:**  
**Rec Div:**  
**Rec Op Name:**  
**Choice of Contact:**  
**Site Bldg:**  
**Site PO Box:**

**Receiver #::** A311507  
**Facility Type:** TRANSFER STATION  
**Approval Yrs::** 00,01,02,03,04,05,06,07,08

**--Details--**

**Waste Code:** 998  
**Waste Description:** NONHAZARDOUS WASTE

**Waste Code:** 131  
**Waste Description:** NEUTRALIZED WASTES - HEAVY METALS

**Waste Code:** 132  
**Waste Description:** NEUTRALIZED WASTES - OTHER METALS

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS

**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:** 254  
**Waste Description:** TRANSFER STATION OILS WASTES

---

**Site:** GARY STEACY DISMANTLING LTD.  
LOT 33, CONC. 3 CRAMAHE ON K0K 1S0

**Database:**  
**REC**

**Rec Op Div:**  
**Co Admin:**  
**Phone No Admin:**  
**Rec Div:**  
**Rec Op Name:**  
**Choice of Contact:**  
**Site Bldg:**  
**Site PO Box:**  
**Receiver #::** A311507  
**Facility Type:** TRANSFER STATION  
**Approval Yrs::** 97,98,99

**--Details--**

**Waste Code:** 131  
**Waste Description:** NEUTRALIZED WASTES - HEAVY METALS

**Waste Code:** 132  
**Waste Description:** NEUTRALIZED WASTES - OTHER METALS

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 243  
**Waste Description:** PCB'S

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

**Waste Code:** 253  
**Waste Description:** EMULSIFIED OILS

---

**Site:** COLBOURNE PETRO CANADA CENTRE & CAR WASH  
PERCY ST COLBORNE ON K0K1S0

**Database:**  
**RST**

**Headcode:** 1186800  
**Headcode Desc:** Service Stations-Gasoline, Oil & Natural Gas  
**Phone:** 9053553036  
**List Name:**  
**Description:**

---

**Site:** COLBOURNE PETRO CANADA CENTRE & CAR WASH  
PERCY ST COBOURG ON K0K 1S0

**Database:**  
**RST**

**Headcode:** 1186800  
**Headcode Desc:** Service Stations-Gasoline, Oil & Natural Gas  
**Phone:** 9053553036  
**List Name:**  
**Description:**

---

**Site:** 1 KM west of Gully Road Cobourg ON

**Database:**  
**SPL**

**Ref No:** 8021-9GPCVX  
**Site No:**  
**Incident Dt:** 2014/02/26  
**Year:**  
**Incident Cause:** Collision/Accident  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:** 0 L  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s); Surface Water Pollution  
**Receiving Medium:**  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:** Priority Field Response (ERP Callout)  
**Dt MOE Arvl on Scn:** 2014/02/26  
**MOE Reported Dt:** 2014/02/26  
**Dt Document Closed:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Incident Reason:**  
**Incident Summary:** Weather Conditions Hwy 401 E, TT Accident, diesel to catch basin

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:** Truck - Only Saddle Tanks  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:** Hwy 401 East<UNOFFICIAL>  
**Site Address:** 1 KM west of Gully Road  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Cobourg  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

---

**Site:** ONTARIO HYDRO  
LOT 14, CON 1 MOTOR VEHICLE (OPERATING FLUID) CRAMAHE TWP. ON

**Database:**  
**SPL**

**Ref No:** 73869  
**Site No:**  
**Incident Dt:** 7/22/1992  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**

**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:**  
**Environment Impact:** CONFIRMED  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/22/1992  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** ONTARIO HYDRO: 5-10 L HYDRAULIC OIL TO GRND FROM CHIPPER TRUCK.

---

**Site:** FARM  
**LOT 24 CONCESSION 1 MOTOR VEHICLE (OPERATING FLUID) HAMILTON TWP. ON** **Database:** **SPL**  
**Ref No:** 74649 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 8/10/1992 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** PIPE/HOSE LEAK **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** **Site Name:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:**  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** **Site Region:**  
**Environment Impact:** CONFIRMED **Site Municipality:** 61609  
**Nature of Impact:** Soil contamination **Site Lot:**  
**Receiving Medium:** LAND **Site Conc:**  
**Receiving Env:** **Northing:**  
**Health/Env Conseq:** **Easting:**  
**MOE Response:** **Site Geo Ref Accu:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Meth:**  
**MOE Reported Dt:** 8/10/1992 **Site Map Datum:**  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** FIRE/EXPLOSION  
**Incident Summary:** FARM COMBINE - 25 L OF HYDRAULIC OIL TO GROUND DUE TO FIRE

---

**Site:** LOT 1 CONC 1 **HALDIMAND TOWN ON** **Database:** **SPL**  
**Ref No:** 123737 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 2/19/1996 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** **Site Name:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:**  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** **Site Region:**  
**Environment Impact:** **Site Municipality:** 12402  
**Nature of Impact:** **Site Lot:**  
**Receiving Medium:** LAND **Site Conc:**  
**Receiving Env:** **Northing:**

**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2/19/1996  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:**  
**Incident Summary:**

**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** Hwy 401 Eastbound lanes, @ 490 km marker Alnwick/Haldimand ON **Database:** [SPL](#)

---

**Ref No:** 1406-8WJH7W **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 24-JUL-12 **Client Type:**  
**Year:** **Sector Type:** Transport Truck  
**Incident Cause:** Other Transport Accident **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** 13 **Site Name:**  
**Contaminant Name:** DIESEL FUEL **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:**  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** **Site Region:**  
**Environment Impact:** Confirmed **Site Municipality:** Alnwick/Haldimand  
**Nature of Impact:** Soil Contamination **Site Lot:**  
**Receiving Medium:** Sewage - Municipal/Private and Commercial **Site Conc:**  
**Receiving Env:** **Northing:**  
**Health/Env Conseq:** **Easting:**  
**MOE Response:** **Site Geo Ref Accu:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Meth:**  
**MOE Reported Dt:** 25-JUL-12 **Site Map Datum:**  
**Dt Document Closed:**   
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Incident Reason:** Spill  
**Incident Summary:** Mystery Spill: >200L to 401 Shoulder, cln

**Site:** Morrow Transport<UNOFFICIAL> Hwy 401 East Bound Grafton Exit Alnwick/Haldimand ON **Database:** [SPL](#)

---

**Ref No:** 7410-5VZLSP **Discharger Report:**  
**Site No:** **Material Group:** Oil  
**Incident Dt:** 2/7/2004 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** Other Transport Accident **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** 13 **Site Name:** MVA DIESEL SPILL<UNOFFICIAL>  
**Contaminant Name:** DIESEL FUEL **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:** Peterborough  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** 180 L **Site Region:** Eastern  
**Environment Impact:** Soil Contamination **Site Municipality:** Alnwick/Haldimand  
**Nature of Impact:** Land **Site Lot:**  
**Receiving Medium:** **Site Conc:**  
**Receiving Env:** **Northing:**  
**Health/Env Conseq:** **Easting:**  
**MOE Response:** **Site Geo Ref Accu:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Meth:**  
**MOE Reported Dt:** 2/9/2004 **Site Map Datum:**  
**Dt Document Closed:**   
**SAC Action Class:** Spills  
**Incident Reason:** Equipment/Vehicles  
**Incident Summary:** MVA-180L Diesel HWY 401 EB@Grafton Exit

---

<b>Site:</b>	<b>Canada Cartage Systems Limited</b>	<b>Database:</b>
	<b>Hwy 401 Cramahe ON</b>	<b>SPL</b>
<b>Ref No:</b>	2220-8M9DJG	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>
<b>Incident Dt:</b>	10/2/2011	<b>Client Type:</b>
<b>Year:</b>		<b>Sector Type:</b>
<b>Incident Cause:</b>	Other Transport Accident	<b>Source Type:</b>
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>
<b>Contaminant Code:</b>	15	<b>Site Name:</b>
<b>Contaminant Name:</b>	ENGINE OIL	<b>Site Address:</b>
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>
<b>Contaminant Qty:</b>	0 other - see incident description	<b>Site Region:</b>
<b>Environment Impact:</b>	Confirmed	<b>Site Municipality:</b>
<b>Nature of Impact:</b>	Soil Contamination; Surface Water Pollution	<b>Site Lot:</b>
<b>Receiving Medium:</b>		<b>Site Conc:</b>
<b>Receiving Env:</b>		<b>Northing:</b>
<b>Health/Env Conseq:</b>		<b>Easting:</b>
<b>MOE Response:</b>	No Field Response	<b>Site Geo Ref Accu:</b>
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Meth:</b>
<b>MOE Reported Dt:</b>	10/2/2011	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>	12/29/2011	
<b>SAC Action Class:</b>	Highway Spills (usually highway accidents)	
<b>Incident Reason:</b>	Unknown - Reason not determined	
<b>Incident Summary:</b>	Hwy 401 - TT leaking 40 litres engine fluid to ditch, ctnd.	

---

<b>Site:</b>	<b>TransX Ltd.</b>	<b>Database:</b>
	<b>Eastbound 401 Highway Mile Marker 498 Cramahe ON</b>	<b>SPL</b>
<b>Ref No:</b>	4145-9FX9XC	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>
<b>Incident Dt:</b>	2014/02/02	<b>Client Type:</b>
<b>Year:</b>		<b>Sector Type:</b>
<b>Incident Cause:</b>	Collision/Accident	<b>Source Type:</b>
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>
<b>Contaminant Code:</b>	13	<b>Site Name:</b>
<b>Contaminant Name:</b>	DIESEL FUEL	<b>Site Address:</b>
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>
<b>Contaminant Qty:</b>	500 L	<b>Site Region:</b>
<b>Environment Impact:</b>	Not Anticipated	<b>Site Municipality:</b>
<b>Nature of Impact:</b>	Surface Water Pollution	<b>Site Lot:</b>
<b>Receiving Medium:</b>		<b>Site Conc:</b>
<b>Receiving Env:</b>		<b>Northing:</b>
<b>Health/Env Conseq:</b>		<b>Easting:</b>
<b>MOE Response:</b>	Planned Field Response	<b>Site Geo Ref Accu:</b>
<b>Dt MOE Arvl on Scn:</b>	2014/02/03	<b>Site Geo Ref Meth:</b>
<b>MOE Reported Dt:</b>	2014/02/02	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>		
<b>SAC Action Class:</b>	Primary Assessment of Spills	
<b>Incident Reason:</b>	Unknown / N/A	
<b>Incident Summary:</b>	TransX: TT rollover; Hwy 401; ~ 500 L dsl to grnd	

---

<b>Site:</b>	<b>TRANSPORT TRUCK</b>	<b>Database:</b>
	<b>W-BOUND LANE OF THE 401, 2 MI. WEST OF GRAFTON MOTOR VEHICLE (OPERATING FLUID) COLBORNE VILL.</b>	<b>SPL</b>
	<b>ON</b>	
<b>Ref No:</b>	98233	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>

<b>Incident Dt:</b>	4/6/1994	<b>Client Type:</b>	
<b>Year:</b>		<b>Sector Type:</b>	
<b>Incident Cause:</b>	OTHER CONTAINER LEAK	<b>Source Type:</b>	
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Code:</b>		<b>Site Name:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant Qty:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	CONFIRMED	<b>Site Municipality:</b>	61502
<b>Nature of Impact:</b>	Water course or lake	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	WATER	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>Health/Env Conseq:</b>		<b>Easting:</b>	FIRE, POLICE
<b>MOE Response:</b>		<b>Site Geo Ref Accu:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Meth:</b>	
<b>MOE Reported Dt:</b>	4/6/1994	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>			
<b>SAC Action Class:</b>			
<b>Incident Reason:</b>			
<b>Incident Summary:</b>	ERROR		NETWORK TRANSPORT GROUP- UNKNOWN QUANT. OF DIESEL TO DITCH, CONTAINED, MVA.

---

<b>Site:</b>	<b>TRANSPORT TRUCK</b>	<b>Database:</b>	
	<b>401 W-BOUND LANE AT COBOURG TRANSPORT TRUCK (CARGO) COBOURG TOWN ON</b>		<b>SPL</b>
<b>Ref No:</b>	147501	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	10/7/1997	<b>Client Type:</b>	
<b>Year:</b>		<b>Sector Type:</b>	
<b>Incident Cause:</b>	OTHER CONTAINER LEAK	<b>Source Type:</b>	
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Code:</b>		<b>Site Name:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant Qty:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b>	61403
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>Health/Env Conseq:</b>		<b>Easting:</b>	OPP
<b>MOE Response:</b>		<b>Site Geo Ref Accu:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Meth:</b>	
<b>MOE Reported Dt:</b>	10/7/1997	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>			
<b>SAC Action Class:</b>			
<b>Incident Reason:</b>	UNKNOWN		
<b>Incident Summary:</b>	R.S. ALLISON & SONS LTD. - ANIMAL BLOOD TO HWY. FROM TRANSPORT TRUCK.		

---

<b>Site:</b>	<b>Highway 401 Eastbound, mile marker 487, Town of Grafton&lt;UNOFFICIAL&gt; Alnwick/Haldimand ON</b>	<b>Database:</b>	
			<b>SPL</b>
<b>Ref No:</b>	1506-77XL2M	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	Oil
<b>Incident Dt:</b>		<b>Client Type:</b>	
<b>Year:</b>		<b>Sector Type:</b>	Other Motor Vehicle
<b>Incident Cause:</b>	Other Discharges	<b>Source Type:</b>	
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Code:</b>	12	<b>Site Name:</b>	Highway 401 Eastbound, mile marker 487, Town of Grafton<UNOFFICIAL>
<b>Contaminant Name:</b>	GASOLINE	<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>	

**Contaminant Qty:** 52.5 L  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 10/13/2007  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** Equipment Failure  
**Incident Summary:** Highway 401: 53 L gasoline to road from a fallen gas tank

**Site Region:**  
**Site Municipality:** Alnwick/Haldimand  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** **TRANSPORT TRUCK**  
**HWY 401 EAST, EAST OF #45, @ GULLY RD OVERPASS. MOTOR VEHICLE (OPERATING FLUID) COBOURG TOWN ON K9A 4J8**

**Database:** **SPL**

**Ref No:** 124699  
**Site No:**  
**Incident Dt:** 4/9/1996  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 4/9/1996  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** ADVERSE ROAD CONDITION  
**Incident Summary:** ROBERT TRANSPORT - 680L DIESEL FUEL TO SHOULDER DAMAGED FUEL TANKS.

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:**  
**Site Address:**  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 61403  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** MTO, OPP  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** **ANDERSON HAULAGE**  
**HWY 401 E AND PERCY STREET TRANSPORT TRUCK (OPERATING FLUID)** **STOUVILLE COLBORNE VILL. ON**

**Database:** **SPL**

**Ref No:** 170912  
**Site No:**  
**Incident Dt:** 7/30/1999  
**Year:**  
**Incident Cause:** OTHER TRANSPORTATION ACCIDENT  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND / WATER  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/30/1999

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:**  
**Site Address:**  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 61502  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** F/D OPP MTO  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

Dt Document Closed:

SAC Action Class:

Incident Reason:

Incident Summary:

OTHER

ANDERSON HAULAGE: MVA CAR STRUCK TRUCK SPILL OF DIESEL 40 L CONTAINED

---

**Site:** TRANSPORT TRUCK  
HWY # 401 EASTBOUND, WEST OF PERCY ST. MOTOR VEHICLE (OPERATING FLUID) HALDIMAND TWP. ON

Database:  
**SPL**

Ref No: 175243  
Site No:  
Incident Dt: 11/26/1999  
Year:  
Incident Cause: PIPE/HOSE LEAK  
Incident Event:  
Contaminant Code:  
Contaminant Name:  
Contaminant Limit 1:  
Contam Limit Freq 1:  
Contaminant UN No 1:  
Contaminant Qty:  
Environment Impact: POSSIBLE  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
Receiving Env:  
Health/Env Conseq:  
MOE Response:  
Dt MOE Arvl on Scn:  
MOE Reported Dt: 11/26/1999  
Dt Document Closed:  
SAC Action Class:  
Incident Reason:  
Incident Summary:

Discharger Report:  
Material Group:  
Client Type:  
Sector Type:  
Source Type:  
Nearest Watercourse:  
Site Name:  
Site Address:  
Site District Office:  
Site County/District:  
Site Postal Code:  
Site Region:  
Site Municipality: 61608  
Site Lot:  
Site Conc:  
Northing:  
Easting: OPP  
Site Geo Ref Accu:  
Site Geo Ref Meth:  
Site Map Datum:

MATERIAL FAILURE  
ICS INFORMATION: 75L OF DIESEL SPRAYED TO HWY. BLOWN HOSE ON THE TRUCK.

---

**Site:** ROBERT TRANSPORT  
HWY 401, 2-3KM. EAST OF COBOURG, GARNEAU BRIDGE. TRANSPORT TRUCK (CARGO) NORTHUMBERLAND COUNTY ON

Database:  
**SPL**

Ref No: 12324  
Site No:  
Incident Dt: 11/30/1988  
Year:  
Incident Cause: TRUCK/TRAILER OVERTURN  
Incident Event:  
Contaminant Code:  
Contaminant Name:  
Contaminant Limit 1:  
Contam Limit Freq 1:  
Contaminant UN No 1:  
Contaminant Qty:  
Environment Impact: NOT ANTICIPATED  
Nature of Impact:  
Receiving Medium: LAND  
Receiving Env:  
Health/Env Conseq:  
MOE Response:  
Dt MOE Arvl on Scn:  
MOE Reported Dt: 11/30/1988  
Dt Document Closed:  
SAC Action Class:  
Incident Reason:  
Incident Summary:

Discharger Report:  
Material Group:  
Client Type:  
Sector Type:  
Source Type:  
Nearest Watercourse:  
Site Name:  
Site Address:  
Site District Office:  
Site County/District:  
Site Postal Code:  
Site Region:  
Site Municipality: 61000  
Site Lot:  
Site Conc:  
Northing:  
Easting:  
Site Geo Ref Accu:  
Site Geo Ref Meth:  
Site Map Datum:

ERROR  
ROBERT LTD - UNKNOWN QTY ANIONIC DETERGENT TO HWY (OVERTURNED TRAILER).

---

**Site:** UNKNOWN  
HWY 401 WEST BOUND HAMILTON TWP. ON

Database:  
**SPL**

**Ref No:** 15801 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 2/23/1989 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** TRUCK/TRAILER OVERTURN **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** **Site Name:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:**  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** **Site Region:**  
**Environment Impact:** **Site Municipality:** 61609  
**Nature of Impact:** **Site Lot:**  
**Receiving Medium:** LAND **Site Conc:**  
**Receiving Env:** **Northing:**  
**Health/Env Conseq:** **Easting:** MTO, OPP  
**MOE Response:** **Site Geo Ref Accu:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Meth:**  
**MOE Reported Dt:** 3/13/1989 **Site Map Datum:**  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** ERROR  
**Incident Summary:** 450 L. DIESEL FUEL IN ROADSIDE DITCH.

**Site:** TRANSPORT TRUCK **Database:**  
**HIGHWAY 401 JUST EAST OF COBOURG TRANSPORT TRUCK (CARGO) COBOURG TOWN ON** **SPL**

**Ref No:** 108440 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 12/20/1994 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** OTHER CONTAINER LEAK **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** **Site Name:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site County/District:**  
**Contaminant UN No 1:** **Site Postal Code:**  
**Contaminant Qty:** **Site Region:**  
**Environment Impact:** POSSIBLE **Site Municipality:** 61403  
**Nature of Impact:** Air Pollution **Site Lot:**  
**Receiving Medium:** AIR **Site Conc:**  
**Receiving Env:** **Northing:**  
**Health/Env Conseq:** **Easting:** FIRE, OPP  
**MOE Response:** **Site Geo Ref Accu:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Meth:**  
**MOE Reported Dt:** 12/20/1994 **Site Map Datum:**  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** FIRE/EXPLOSION  
**Incident Summary:** TRANSPORT TRUCK - SMOKE TO AIR FROM TRUCK FIRE, FIBREGLASS BEING BURNED.

**Site:** TRANSPORT TRUCK **Database:**  
**401 WEST OFF RAMP. MOTOR VEHICLE (OPERATING FLUID) COBOURG TOWN ON** **SPL**

**Ref No:** 161917 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 11/11/1998 **Client Type:**  
**Year:** **Sector Type:**  
**Incident Cause:** PIPE/HOSE LEAK **Source Type:**  
**Incident Event:** **Nearest Watercourse:**  
**Contaminant Code:** **Site Name:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 11/11/1998  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** UNKNOWN  
**Incident Summary:** TRANSPORT TRUCK-UKN QTY DIESEL TO RAMP & HWY, OPP, MTO.

**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 61403  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** OPP,MTO.  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** XTL TRANSPORT LTD.  
**401 EASTBOUND IN SOUTH DITCH, 5KM EAST OF COBOURG TRANSPORT TRUCK (CARGO) HAMILTON TWP.** **Database:** **SPL**  
**ON**

<b>Ref No:</b>	123162	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>
<b>Incident Dt:</b>	1/29/1996	<b>Client Type:</b>
<b>Year:</b>		<b>Sector Type:</b>
<b>Incident Cause:</b>	OTHER TRANSPORTATION ACCIDENT	<b>Source Type:</b>
<b>Incident Event:</b>		<b>Nearest Watercourse:</b>
<b>Contaminant Code:</b>		<b>Site Name:</b>
<b>Contaminant Name:</b>		<b>Site Address:</b>
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>		<b>Site County/District:</b>
<b>Contaminant UN No 1:</b>		<b>Site Postal Code:</b>
<b>Contaminant Qty:</b>		<b>Site Region:</b>
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b> 61609
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>
<b>Receiving Env:</b>		<b>Northing:</b>
<b>Health/Env Conseq:</b>		<b>Easting:</b> OPP, MTO.
<b>MOE Response:</b>		<b>Site Geo Ref Accu:</b>
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Meth:</b>
<b>MOE Reported Dt:</b>	1/29/1996	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>		
<b>SAC Action Class:</b>		
<b>Incident Reason:</b>	DAMAGE BY MOVING EQUIPMENT	
<b>Incident Summary:</b>	XTL TRANSPORT- 700L DIESEL TO DITCH FROM RUPTURED SADDLE TANK.	

**Site:** Part Lot 33, Concession 3 Cramahe ON **Database:** **WDS**

<b>Certificate No:</b>	4032-4VYPVZ	<b>Facility Type:</b>	Other (describe)
<b>Mob Unit Cert No:</b>		<b>Site Concession:</b>	3
<b>EBR Registry No:</b>		<b>Site Region/County:</b>	County of Northumberland
<b>Status:</b>	Cancelled	<b>Total Area (ha):</b>	0.1
<b>Application Status:</b>	Notice	<b>Landfill Cap (m³):</b>	
<b>Issue Date:</b>	7/12/2002	<b>Landfill Ctrl Type:</b>	
<b>Input Date:</b>		<b>Est Closure Date:</b>	
<b>Date Received:</b>		<b>Transfer Area (ha):</b>	
<b>Record Type:</b>		<b>Transfer Cap (m³):</b>	
<b>Project Type:</b>		<b>Transfer Cert No:</b>	
<b>Approval Type:</b>		<b>Inciner. Area (ha):</b>	
<b>SWP Area Name:</b>		<b>Inciner. Cap (t):</b>	
<b>MOE District:</b>		<b>Process Area (m³):</b>	
<b>Latitude:</b>		<b>Process Cap (m³/d):</b>	
<b>Longitude:</b>		<b>Process Vol (m³):</b>	
<b>Link Source:</b>		<b>Process Feed (m³):</b>	
<b>Proponent:</b>	Safety-Kleen (On-Site) Inc.	<b>Mobile Units:</b>	
<b>Prop Address:</b>	520 Southgate Drive	<b>Mobile Description:</b>	

**Prop City:** Guelph  
**Prop Postal:** N1G 4P5  
**Prop Phone:**  
**Proponent County/District:** County Of Wellington  
**Site Lot:** 33  
**Full Address:**  
**Landfill Monitoring:**  
**Waste Type:**  
**Waste Type Other:**  
**Waste Class:**  
**Waste Class Code:**  
**Project Description:** This application is to allow Safety-Kleen (On-Site) Inc. process PCB contaminated mineral oil at the Gary Steacy Dismantling Limited site.  
**Municipalities Served:** N/A  
**Site Closing Description:**  
**Approval Description:**  
**Waste Description:**  
**Other Approvals/Permits:** Gary Steacy Dismantling Ltd.  
**PDF URL:**

**Site:** DANFORTH ROAD HALDIMAND, TWP. OF ON **Database:** [WDS](#)  
**Certificate No:** A310310 **Facility Type:** Landfill  
**Mob Unit Cert No:** **Site Concession:** 1  
**EBR Registry No:** **Site Region/County:** NORTHUMBERLAND, COUNTY OF  
**Status:** Application In Progress **Total Area (ha):** 112  
**Application Status:** **Landfill Cap (m³):** 1517000  
**Issue Date:** 12/31/1999 **Landfill Ctrl Type:** leachate, surface water, groundwater  
**Input Date:** 10/28/94 **Est Closure Date:**  
**Date Received:** 9/28/92 **Transfer Area (ha):** 0  
**Record Type:** **Transfer Cap (m³):** 0  
**Project Type:** **Transfer Cert No:**  
**Approval Type:** **Inciner. Area (ha):** 0  
**SWP Area Name:** **Inciner. Cap (t):** 0  
**MOE District:** **Process Area (m³):** 0  
**Latitude:** **Process Cap (m³/d):** 0  
**Longitude:** **Process Vol (m³):** 0  
**Link Source:** **Process Feed (m³):** 0  
**Proponent:** NORTHUMBERLAND, COUNTY OF **Mobile Units:**  
**Prop Address:** 860 William Street **Mobile Description:**  
**Prop City:** Cobourg, Ontario **Mobile Capacity:** 0  
**Prop Postal:** K9A-3A9 **Serial Link:** 310310  
**Prop Phone:** 416-372-0141 **District Office:** Peterborough  
**Proponent County/District:** Part of 31, 32, 33  
**Site Lot:** gas, leachate groundwater, surface water  
**Full Address:** domestic, commercial, non-hazardous solid-industrial  
**Landfill Monitoring:** No  
**Waste Type:** Waste Class:  
**Waste Type Other:** Waste Class Code:  
**Waste Class:** Project Description:  
**Waste Class Code:** Municipalities Served:  
**Project Description:** Northumberland County  
**Municipalities Served:** Site Closing Description:  
**Site Closing Description:** Approval Description:  
**Approval Description:** Waste Description:  
**Waste Description:** Domestic - 148 t/d, Commercial - 60 t/d, NHSI - 56 t/d Other Approvals/Permits:  
**Other Approvals/Permits:** PDF URL:

# Appendix: Database Descriptions

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

## **Abandoned Aggregate Inventory:**

Provincial      **AAGR**

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

**Government Publication Date:** Sept 2002\*

## **Aggregate Inventory:**

Provincial      **AGR**

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

**Government Publication Date:** Up to Sep 2017

## **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-Nov 2016

## **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 known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date:** 1999-Jan 31, 2018

## **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: Feb 28, 2017*

**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: 1999-Jan 31, 2018*

**Compressed Natural Gas Stations:**

Private

CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

*Government Publication Date: Dec 31, 2012*

**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-Nov 2017*

**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-Feb 28, 2018*

**Drill Hole Database:**

Provincial

DRL

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

*Government Publication Date: 1886-Nov 30, 2017*

**Dry Cleaning Facilities:**

Federal

DRYCLEANERS

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

*Government Publication Date: Jan 2004-Dec 2016*

**Environmental Activity and Sector Registry:**

Provincial

EASR

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

*Government Publication Date: Oct 2011-Jan 31, 2018*

**Environmental Registry:**

Provincial

EBR

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

**Government Publication Date:** 1994-Feb 28, 2018

**Environmental Compliance Approval:**

Provincial

ECA

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

**Government Publication Date:** Oct 2011-Jan 31, 2018

**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-Feb 28, 2018

**Environmental Issues Inventory System:**

Federal

EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date:** 1992-2001\*

**Emergency Management Historical Event:**

Provincial

EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date:** Dec 31, 2016

**List of TSSA Expired Facilities:**

Provincial

EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

**Government Publication Date:** Feb 28, 2017

**Federal Convictions:**

Federal

FCON

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

**Government Publication Date:** 1988-Jun 2007\*

**Contaminated Sites on Federal Land:**

Federal

FCS

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

*Government Publication Date: Jun 2000-Mar 2018*

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

*Government Publication Date: 1964-Sep 2017*

**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: Feb 28, 2017*

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

*Government Publication Date: Pre-Jan 2010\**

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

*Government Publication Date: 1986-December 31, 2017*

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

*Government Publication Date: 2013-Dec 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 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: Feb 28, 2017*

**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: Dec 31, 2013*

**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\**

**Environmental Penalty Annual Report:**Provincial **MISA PENALTY**

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

*Government Publication Date: Jan 1, 2011 - Dec 31, 2017*

**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-Jan 2018*

**National Analysis of Trends in Emergencies System (NATES):**Federal **NATE**

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

*Government Publication Date: 1974-1994\**

**Non-Compliance Reports:**Provincial **NCPL**

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

*Government Publication Date: Dec 31, 2016*

**National Defense & Canadian Forces Fuel Tanks:**Federal **NDFT**

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

*Government Publication Date: Up to May 2001\**

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

*Government Publication Date: Mar 1999-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 Energy Board Pipeline Incidents:**

Federal

NEBI

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

*Government Publication Date: 2008-Dec 31, 2017***National Energy Board Wells:**

Federal

NEBW

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

*Government Publication Date: 1920-Feb 2003\****National Environmental Emergencies System (NEES):**

Federal

NEES

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

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

Federal

NPCB

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

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

Federal

NPRI

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

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

Private

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](http://www.nickles.com).

*Government Publication Date: 1988-December 31, 2017***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 provided for each well record.

*Government Publication Date: 1800-Oct 2017*

**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-Feb 28, 2018

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

**Government Publication Date:** 1920-Jan 2005\*

**Pesticide Register:**

Provincial

PES

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

**Government Publication Date:** 1988-Mar 2018

**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:** Feb 28, 2017

**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-Feb 28, 2018

**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:** 1986-2016

**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-Nov 2017

**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-Jan 31, 2018

**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 2018

**Wastewater Discharger Registration Database:**

Provincial SRDS

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

**Government Publication Date:** 1990-Dec 31, 2016

**Anderson's Storage Tanks:**

Private TANK

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

**Government Publication Date:** 1915-1953\*

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

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

**Government Publication Date:** 1970-Aug 2017

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

**Government Publication Date:** Feb 28, 2017

**Waste Disposal Sites - MOE CA Inventory:**

Provincial WDS

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

**Government Publication Date:** Oct 2011-Jan 31, 2018

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

WDSH

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

**Government Publication Date:** Up to Oct 1990\*

**Water Well Information System:**

Provincial

WWIS

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

**Government Publication Date:** Mar 31, 2017

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

**CONTAMINATION OVERVIEW STUDY HIGHWAY 401 PLANNING STUDY FROM COBOURG TO COLBORNE  
(GWP 4060-11-00)**

Appendix E Qualifications of COS Project Team  
February 27, 2019

**Appendix E    QUALIFICATIONS OF COS PROJECT TEAM**



---

Grace is a senior hydrogeologist in Stantec's Environmental Services group with more than 20 years' experience in contaminated site management. She offers clients the benefit of her technical knowledge and experience in solving a variety of environmental challenges. She has managed environmental site assessment, monitoring, and remediation projects for a wide cross-section of service sectors, including road and rail transportation, commercial real estate, the petroleum industry, insurance, land development, the Canadian Forces, industry, and waste management. This wide range of experience provides her the vision to see complex projects through from planning to closure.

Grace is a licensed Professional Engineer in the Province of Ontario and is registered with the Ontario Ministry of the Environment and Climate Change as a Qualified Person for Environmental Site Assessment under Ontario Regulation 153/04.

## EDUCATION

M.Sc., University of Waterloo / Hydrogeology, Waterloo, Ontario, 2001

B.A.Sc., University of Waterloo / Geological Engineering, Waterloo, Ontario, 1993

## REGISTRATIONS

Professional Engineer #90427949, Professional Engineers Ontario Feb 9/96

## PROJECT EXPERIENCE

**Environmental Site Assessments Phase I, II, III**  
Contamination Overview Studies and Phase II Environmental Site Assessment, Peel Watermain Projects, Mississauga, Ontario (Environmental Specialist), 2013-2017

Completion of contamination overview studies and environmental sampling to assess the potential for generation of contaminated soil during watermain replacement work along three existing and future roadways in Mississauga. Provided fill management options for consideration in construction tendering.

Environmental Site Assessment and RSC Filing, Cambridge, Ontario (Reviewer, ESA), 2017  
Grace was a quality reviewer and QPESA for assessment of several adjacent properties to be redeveloped into a residential complex. She completed Phase One, Two and limited remediation and filed an RSC in accordance with O.Reg. 153/04 for one property that had experienced commercial use.

Phase I ESAs, Commercial and Industrial Properties, Kitchener, Ontario (Project Manager), 2017

Senior technical support and review for assessments at 10 properties for due diligence purposes.

Contamination Assessments of Road Transportation Systems, Ontario (Environmental Project Lead), 2002-present

Completed contamination overview studies, preliminary site screenings, or excess materials management plans at approximately 25 existing and proposed Ontario Ministry of Transportation roadways and interchanges to support preliminary and detailed design transportation projects.

# Grace P. Ferguson M.Sc., P.Eng.

Senior Hydrogeologist

---

## Phase I ESAs Commercial Portfolio, Southern Ontario (Project Manager and Senior Reviewer), 2013

Oversight of 10 Phase I ESAs as part of a Canada-Wide due diligence portfolio for a large commercial client. Also provided senior review of Phase I ESA reports for several of the portfolio sites.

## Phase I and II Environmental Site Assessment, Commercial/Industrial facility, Mississauga, Ontario (Project Manager), 2016

Project management and senior technical support for a comprehensive Phase I and II ESA at a former petrochemical research and development facility in an urbanized area. Developed a conceptual site model of subsurface conditions and facilitated an understanding of potential environmental liabilities associated with the property.

## Phase I ESA, Wind Farm Development, Grand Valley, Ontario (Senior technical reviewer), 2015-2016

Provided senior review support to a Phase I ESA of a large network of proposed wind turbines, distribution lines, transformer station, and storage areas forming part of a wind farm that was under development. Identified potential environmental concerns and provided guidance to the client to manage them.

## Phase One and Two Environmental Site Assessments, Commercial Property, Kitchener, Ontario (Project Manager), 2012-2013

Managed and reviewed ESAs of a used car lot and former industrial site for due diligence in advance of potential purchase and redevelopment of the Kitchener downtown core.

## Environmental Investigation, Petrochemical Terminal Facility, Oakville, Ontario (Senior Technical Reviewer), 2016-present

Senior hydrogeological technical support to an ongoing groundwater investigation at a large petrochemical terminal site. Work was done to fulfill ECA obligations associated with a phytoremediation program, and to better understand environmental conditions across the property.

## Contamination Overview Study and Construction Support, King and Fountain Street Improvements, Cambridge, Ontario (Environmental Specialist), 2011-2017

Managed and reviewed a contamination overview study of several roadways in advance of reconstruction. Also provided ongoing environmental and waste management support for excess materials management during construction, including storage tank removals.

## Phase I and II Environmental Site Assessments, Commercial Properties, Kitchener, Ontario (Project Manager), 2012-2013

Managed and reviewed ESAs of commercial properties for financing due diligence.

## Contamination Overview Study and Environmental Sampling, Windsor-Detroit Tunnel Plaza, Windsor, Ontario (Environmental Project Lead), 2011-2012

Managed the completion of an assessment of potential environmental concerns that could affect redevelopment of a border crossing facility.

\* denotes projects completed with other firms

# Grace P. Ferguson M.Sc., P.Eng.

Senior Hydrogeologist

---

## Environmental Investigation, Industrial Facility, Walkerton, Ontario (Project Manager), 2002-ongoing

Project manager for the assessment, monitoring and development of remedial options for VOC impacts to groundwater at an active industrial facility.

## Contamination Overview Study and Phase I ESAs, Franklin Boulevard, Cambridge, Ontario (Project Manager), 2011

Project manager and senior reviewer for an assessment of potential sources of contamination along an 8 km roadway and completion of 30 Phase I ESAs adjacent to the roadway, as part of detailed design for road improvements.

## Environmental Site Assessments, Parkway West Compressor Station, Milton, Ontario (Environmental Specialist), 2012-2013

Grace managed Phase One and Phase Two Environmental Site Assessments of four parcels of land being acquired to develop a natural gas compressor station. In addition, she also managed a soil excavation program to remediate surficial impacted soil at one parcel prior to site development, and supported the client in determining off-site fill management options during development.

## Environmental Site Assessment, Rail Yard, Woodstock, Ontario (Project Manager), 2000-01, 2014

Completion of a hydrogeological assessment of a rail yard facility, including test pit excavation, borehole drilling, monitoring well and drive point piezometer installation, soil and groundwater sampling, and hydraulic conductivity testing. Provided senior technical review of on-going groundwater monitoring activities.

## Environmental Review, Proposed Development Site, Kitchener, Ontario (Senior Reviewer), 2013

Completed a review of historical environmental work done at a property and assessed the level of effort and cost to complete the necessary work to support the filing of a Record of Site Condition with the Ontario Ministry of the Environment. This was done to determine the feasibility of site re-use options.

## Environmental Retainer, Various Sites, Greater Toronto Area, Ontario (Project Manager), 2014-2016

Managed numerous environmental site assessments and monitoring projects at client-owned properties in advance of site redevelopment for transportation systems as part of a two-year retainer assignment. Managed Phase II ESAs, co-ordinated designated substance surveys and geophysical surveys, and recommended and implemented remedial excavation programs. Also managed on-going monitoring program at a client-owned landfill site.

## Environmental Investigation, Rail Yards, Northern Ontario (Project Manager), 2014-ongoing

Senior technical reviewer for quarterly and annual groundwater monitoring at a railyard with petroleum impacts to soil and groundwater. Previously project manager for hydrogeological investigations at the yard from 2000 to 2005. Completed a remedial options/feasibility study and developed a remedial action plan to address both on-site and off-site impacts. Co-ordinated drilling and initial sampling of private domestic wells at several off-site and on-site locations.

\* denotes projects completed with other firms

# Grace P. Ferguson M.Sc., P.Eng.

Senior Hydrogeologist

---

## Phase One Environmental Site Assessment, Former Golf Course, Southern Ontario, Southern Ontario (Senior Reviewer), 2010

Senior reviewer of a Phase One ESA completed for due diligence in advance of a potential sale of the property. The Phase One ESA was completed to the regulation standards prescribed by O.Reg. 153/04, as amended.

## Phase One and Two ESAs, Risk Assessment and Record of Site Condition, Northern Ontario (Senior Reviewer), 2010-2012

As a QPESA Grace provided senior level review for assessments of two former gasoline service stations. Phase One and Two ESAs were completed to the revised regulatory standards prescribed by O. Reg. 153/04 to support a Risk Assessment (RA) and Record of Site Condition (RSC). She developed a risk management plan for the RA at one site and filed a RSC.

## Phase One and Two Environmental Site Assessment, Scrap Metal Facility, Kitchener, Ontario (Project Manager), 2010-2011

Project Manager and Senior Reviewer for Phase One and Two ESAs of a brownfield site to support potential sale and / or redevelopment. ESAs were completed to the regulatory standards prescribed by O.Reg. 153/04, as amended.

## Phase I and II Environmental Site Assessments, 104 Retail Service Stations, Southern Ontario (Project Manager), 2009

Key Project Manager for 25 of 104 retail gasoline service station sites assessed during a 60 day due diligence period. Responsible for project management and senior review of Phase I and Phase II ESAs.

## Contamination Overview Study, Phase I/II Environmental Site Assessment, and Construction Support, Weber Street Redevelopment, Kitchener, Ontario (Environmental Specialist), 2009-2015

Managed and reviewed a contamination overview study and Phase II Environmental Site Assessment to identify and assess potential environmental concerns along a 1.2 km section of Weber Street in Kitchener, as part of preliminary and detailed design for road reconstruction. Also provided ongoing environmental and waste management support for excess materials management during construction, including storage tank removals.

## Environmental Investigations, Redevelopment Site, Vaughan, Ontario (Project Manager), 2001-2005

Project manager for several environmental investigations relating to the redevelopment of Secondary Buffer lands surrounding a recently closed landfill site. These included Phase 1 and Phase 2 environmental site assessments, development of a groundwater monitoring program for a new golf course, and remediation of environmental impacts along a future road realignment. The project involved extensive consultation with MOE and municipal and private stakeholders.

## Phase I ESA, Various Properties, Ontario (Project Manager), 2001-present

Historical reviews, site reconnaissance, reporting and senior review of commercial, institutional and vacant properties for financial institutions and land developers.

\* denotes projects completed with other firms

# Grace P. Ferguson M.Sc., P.Eng.

Senior Hydrogeologist

---

## **Environmental Assessments, Redevelopment Site, Kitchener, Ontario (Project Manager), 2007-2009**

Phase I Environmental Site Assessment of a construction maintenance yard and surrounding undeveloped land. Development of recommendations for assessment work to support redevelopment approvals. Completion of environmental monitoring following limited removal of impacted soil, and environmental observation and verification sampling during removal of fuel storage facilities.

## **Phase I and II Environmental Site Assessment**

**and CA Support, Detroit-Windsor Truck Ferry, Windsor, Ontario (Project Manager), 2007-2010**  
Completion of Phase I and II ESA and development of waste management options at a truck ferry terminal, in preparation for infrastructure improvements. Provided ongoing support to Contract Administrator with respect to waste management and environmental issues.

## **Phase I ESA, Industrial Facilities, Ontario (Project Manager), 2004-2007**

Environmental site assessments, including historical review and site reconnaissance, of an industrial plastics manufacturer and a food packaging plant.

## **Environmental Site Assessment of Fisherman's Pier Lands, Hamilton and Burlington, Ontario (Project Hydrogeologist), 2002**

Completed an Environmental Site Assessment (ESA) as part of a planning study to examine potential redevelopment options for lands known as Fisherman's Pier. Identified current and historical land uses of potential environmental concern.

## **Environmental Assessment, Redevelopment Site, Milton, Ontario (Project Manager), 2005**

Completed a Phase I/II ESA at a vacant site and filed a Record of Site Condition to support redevelopment as a commercial facility.

## **Phase I and II ESAs, Highway Maintenance Patrol Yards\*, Lambton and Simcoe Counties, Ontario (Project Manager), 1995, 1997**

Project manager and primary field personnel for soil and groundwater investigations at 11 maintenance patrol yards, using borehole drilling, well sampling and geophysical methods.

## **Environmental Evaluations, Federally Owned Properties\*, Pickering, Ontario (Project Manager), 1996**

Completion of environmental evaluations of more than 70 rural residential, commercial, vacant and agricultural properties within the proposed Pickering Airport lands, Pickering, Ontario. Evaluations included a site reconnaissance, testing of building materials for suspected designated substances, and potable water sampling.

## **Phase I ESAs, Various Properties\*, Ontario and Manitoba (Project Hydrogeologist), 1993-1997**

Environmental assessments, including historical review and site reconnaissance of more than 80 residential, institutional, commercial, industrial and vacant properties in Ontario and Manitoba for various financial institutions, developers, individuals and government agencies. Institutional properties included approximately 20 nursing homes and retirement facilities.

\* denotes projects completed with other firms

# Grace P. Ferguson M.Sc., P.Eng.

Senior Hydrogeologist

---

## Environmental and Historical Review, Mixed Land Use Area, Hamilton, Ontario (Project Hydrogeologist), 2002

Environmental review of several industrial, commercial and vacant properties in the Hamilton West Harbour area as part of redevelopment planning.

## Phase I and II ESAs, Various Facilities\*, Toronto and Owen Sound, Ontario (Project Hydrogeologist), 1994-1996

Assessment of environmental conditions, including potential soil and groundwater impacts, at a former auto repair facility, a commercial property, an inactive industrial site and a former landfill site.

## Phase I and II Environmental Site Assessment (ESA), Former Industrial Facility, London, Ontario (Project Manager), 2002

Project manager for a Phase I/II ESA to assess soil and groundwater conditions prior to purchase of a portion of vacant land formerly used as an industrial facility.

### **Environmental Risk Assessments**

#### Risk Management Plans for Risk Assessment, Toronto, Ontario (Senior Reviewer), 2011-present

Developed and reviewed risk management plans (RMPs) as part of Risk Assessments for the management of remaining soil and groundwater impacts at three former industrial sites in Toronto, in support of RSCs and to facilitate future developments.

#### Risk Management Plans for Redevelopment, Southern Ontario (Senior Reviewer), 2010-present

Developed and reviewed RMPs as part of Risk Assessments for the management of remaining soil and groundwater impacts at former petroleum sites in Elora, Barrie, Cookstown and Cambridge, Ontario.

## Risk Management Plan and RSC Support, Burlington, Ontario (Qualified Person for ESA), 2015-present

Provided support and input to environmental investigations for the filing of an RSC at a retirement home impacted by petroleum from an adjacent property. Developed a risk management plan for a risk assessment and reviewed updated reporting to support the RSC.

\* denotes projects completed with other firms

---

Janice is a Master's of Science graduate interested in the management and remediation of contaminated sites. The topic of her Master's thesis was the investigation of thermally-activated persulfate as a potential in situ remediation technique for per- and polyfluoroalkyl substances, specifically PFOA and PFOS. Prior to her graduate studies, Janice was a co-op student in Environmental Engineering, and spent a year working with Stantec in the Urban Design and Environmental Services teams. She has experience in the field working on activities relating to Phase I, II, and III Environmental Site Assessments (ESAs), soil and groundwater remediation, bird and bat mortality studies, and environmental site monitoring. From a reporting perspective, Janice developed strong research and technical writing skills through her Master's program.

## EDUCATION

Master's of Science, University of Waterloo/  
Master's of Science (Water), Waterloo, Ontario,  
2018

Bachelor's of Applied Science, University of Waterloo/ Environmental Engineering Co-Op Program, Waterloo, Ontario, 2015

## CERTIFICATIONS & TRAINING

Standard First Aid with CPR B & AED, Rescue 7 First Aid, Markham, Ontario, 2017

Enbridge 2018 Contractor Safety & Environmental Orientation, Waterloo, Ontario, 2018

Shell Retail Contractor Orientation, Waterloo, Ontario, 2018

Husky Energy Corporate Safety Orientation - Field, Waterloo, Ontario, 2018

TNPI Health & Safety for Contractors & Field Staff, Waterloo, Ontario, 2018

Petroleum Oriented Safety Training, Waterloo, Ontario, 2018

Suncor Energy Health & Safety Rules, Waterloo, Ontario, 2018

198950, Canadian National Contractor Safety Program, Waterloo, Ontario, 2018

## REGISTRATIONS

Engineer-In-Training #100225036, Professional Engineers Ontario

## PROJECT EXPERIENCE

**Environmental Site Assessments Phase I, II, III**  
Environmental Phase II Groundwater Monitoring, Kapuskasing, Ontario (Field Technician)  
Janice assisted with groundwater monitoring activities at two gas station locations in Kapuskasing, ON in support of a Phase II Environmental Site Assessment.

South Kitchener District Park, Kitchener, Ontario (Field Technician)

Janice supervised the removal of a UST and the associated excavation activities, supervised supplemental drilling and conducted well development around the site of the UST excavation, and completed stockpile sampling for movement of on-site materials.

Site Investigation Services and MNA, CFB Trenton, Trenton, Ontario (Field Technician, Laboratory Technician)

Janice assisted with the laboratory component of the monitored natural attenuation (MNA) program at the Trenton Air Force Base, as well as the groundwater sampling program component of a Phase II Environmental Assessment.

# Janice M. Cooper M.Sc., EIT

Environmental Scientist

---

## 1599 Carling Avenue Phase II ESA, Ottawa, Ontario (Field Technician)

Janice assisted with the groundwater monitoring program in support of the Phase II Environmental Site Assessment for 1599 Carling Avenue.

## Kingsville Phase I ESA, Kingsville, Ontario (Environmental Scientist)

Janice assisted with the Phase I reporting for a Phase I conducted along a hydro easement with multiple site parcels, as well as ordering additional background files for use in the report.

## Environmental Site Management

### Chicopee Fill Management, Kitchener, Ontario (Environmental Scientist)

Janice assisted with the revision of the soil management plan for Chicopee Ski Hill according to the requirements of O. Reg. 153.

## Groundwater Treatment

### Longlac Treatment System Design, Longlac, Ontario (Engineering Intern)

Janice assisted with the design of a pump-and-treat system for the remediation of PHC-contaminated groundwater under the supervision of a P.Eng.

## Groundwater Monitoring and Reporting

### Woodstock Home Hardware Groundwater Program, Woodstock, Ontario (Environmental Scientist)

Janice conducted the field coordination for the 2018 groundwater monitoring season, and communicated with the client and project manager for this Site. She also assisted with the groundwater monitoring and sampling events, in addition to surveying monitoring wells at the Site.

## Husky Oil Operations Limited | Downstream Portfolio Management 2018, Multiple Sites, Alberta and Ontario (Environmental Scientist)

Janice assisted with both the groundwater monitoring and sampling activities, as well as reporting tasks for the 2018 Husky monitoring season. UST nest inspections were a component of the on-site work, in addition to well development and low-flow sampling.

## Environmental Site Remediation

### Bronte Creek Environmental Remediation, Oakville, Ontario (Environmental Scientist)

Janice used GWSdat to prepare time series and contour plots in support of the evaluation of the effectiveness of monitored natural attenuation and employment of oxygen releasing compounds at this Site. These activities were conducted in support of the Remedial Action Plan to address a historical release of petroleum hydrocarbons into the ecologically sensitive Site. Janice also assisted with various reporting deliverables and attended a stakeholder meeting with the involved parties.

## Stormwater Sampling

### Residential Stormwater Pond Sampling, Waterloo, Ontario (Environmental Scientist)

Janice assisted with the field coordination to conduct stormwater pond sediment sampling in support of a Community Development project. She was also onsite to help collect Ponar samples off of a boat, based on the stormwater pond depth.

\* denotes projects completed with other firms

# Janice M. Cooper M.Sc., EIT

Environmental Scientist

---

## **Emergency Response**

Pipeline Release Emergency Response, Ontario (Environmental Scientist)

Janice assisted with soil and air quality sampling in support of emergency response to a small pipeline release that crossed into an agricultural property.

## **Wind Power**

South Branch Wind Farm 30 MW, Morrisburg and Brinston, Ontario (Field Technologist)

An Environmental Effects Monitoring Plan was developed and a three-year post-construction monitoring program of a 30 MW wind power facility was required. Janice helped conduct bird and bat mortality monitoring, searcher efficiency, and scavenger trials throughout the field season.

## **PUBLICATIONS**

Cooper, Janice M.. Investigation of the Efficacy of in situ Degradation Methods for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonic Acid (PFOS) in Groundwater, Master's Thesis, University of Waterloo, 2018.

\* denotes projects completed with other firms